



September 19, 2011

Mr. Leo Francendese
On-Scene Coordinator
U.S. Environmental Protection Agency Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street NW
Atlanta, Georgia 30303

**Subject: Removal Site Inspection and Incident Response Letter Report
US Finishing Cone Mills Emergency Response
Greenville, Greenville County, South Carolina
Technical Direction Document (TDD) No.: TNA-05-001-0144
Contract No.: EP-W-05-053**

Dear Mr. Francendese:

The Oneida Total Integrated Enterprises (OTIE) Superfund Technical Assessment and Response Team (START) has prepared this Removal Site Inspection and Incident Response Letter Report detailing activities conducted in support of the U.S. Environmental Protection Agency (EPA). The scope of this removal site inspection was to document site conditions and collect samples as needed to further evaluate site conditions. The scope of the incident response was to provide technical support to the EPA On-Scene Coordinator (OSC) during the US Finishing Cone Mills Emergency Response in Greenville, Greenville County, South Carolina. Specifically, OTIE-START was tasked to prepare a Health and Safety Plan (HASP); maintain photographic and written documentation of site activities; collect surface water and waste samples; perform oversight of drum sampling, overpacking, and fence repairs; and complete a Removal Site Inspection and Incident Response Letter Report summarizing site activities.

This Letter Report summarizes the findings of the site inspection, the incident, the response activities conducted to characterize, contain, and secure the abandoned waste containers and secure the site, and provides a photographic summary of the emergency response removal activities. A topographic map, site aerial photograph, temporary waste staging area location map, an asbestos location map, and a surface water sample and paint chip sample location map are provided as Figures 1, 2, 3, 4, and 5 respectively,

and are located in Attachment A. Tables are provided in Attachment B. The photographic log of site activities is provided in Attachment C. The laboratory analytical reports are provided in Attachment D. A copy of the logbook notes is provided in Attachment E. The waste manifest is provided in Attachment F.

Physical Location

The US Finishing/Cone Mills Site (the site) is located at 3555 Old Buncombe Road, approximately 3 miles north of downtown Greenville, South Carolina. The site is roughly shaped like a 'V'. The site is bounded by the Reedy River to the west and by Langston Creek and Highway 253 to the east. Within the 'V' exists former millworkers residential housing. Two reservoirs utilized by the facility are located to the north (the former Northern Reservoir) and northwest of the residential area (the former Northwestern Reservoir). Lakeview Middle School is adjacent to the former Northern Reservoir. Figures 1 and 2 located in Attachment A illustrate the location of the site and the surrounding area.

Site Background

US Finishing/Cone Mills was referred to the Region 4 Emergency Response and Removal Branch by the Region 4 Remedial Program for a removal site evaluation (RSE) on May 20, 2011 as part of the Agency's Integrated Cleanup Initiative (ICI). The site was proposed for the National Priorities List (NPL) on March 11, 2011.

The originally named White Oak Mills is the subject of the Remedial Program's referral and is referred to in this document as the 259-acre US Finishing/Cone Mills site.

Operational details from 1903 through 1957 are not available although it is known that the White Oak Mill (facility) was expanded on several occasions. In 1947, the facility was sold to the Aspinook Corporation and, in 1957, to the Cone Mills Corporation (Cone Mills). Cone Mills operated the facility until 1984 under the name Union Bleachery. American Fast Print, Ltd. (AFP) purchased the facility in May 1984 and operated until November 2003 under the name US Finishing until the main plant was partially destroyed by fire. AFP is the current property owner of a large portion of the facility. In July 2004, Piper Properties purchased approximately 19 acres along the Reedy River from Cone Mills. The facility property is currently in temporary receivership.

The following description is a chronological summary of environmental enforcement at the site:

- In November 1980, Cone Mills submitted a Hazardous Waste Permit Application.
- In 1981, Cone Mills submitted a Notification of Hazardous Waste Site to EPA Region 4.
- From 1981 thru 1984, investigations required under South Carolina Department of Health and Environmental Control (SCDHEC) oversight documented excessive chromium contamination in Langston Creek and in groundwater beneath the main facility plant. SCDHEC entered into a Consent Decree in May 1984 with Cone Mills and AFP requiring continued recovery and treatment of contaminated groundwater.
- In December 1985, SCDHEC completed a Preliminary Assessment (PA) for the Cone Mills Union Bleachery Plant, documenting chromium in groundwater.
- AFP completed the Remedial Investigation (RI) from August 1990 to June 1991. Extensive contamination (metals and organics) was documented at various concentrations in groundwater, sludge pits, the aeration lagoon, the Reedy River floodplain dump, the main plant's basement, and chromium and caustic storage areas.
- In June 1993, the SCDHEC Site Screening Section completed a Site Investigation (SI) for the Cone Mills Union Bleachery Plant. Additional documentation of chromium contamination was reported in previously documented source areas, surface waters, and fish tissue downgradient of the facility. The site was assigned a medium priority under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Enforcement strategy focused on the PRPs conducting remediation efforts.
- As part of a 1993 Settlement Agreement, Cone Mills conducted contaminated soils removal between 1993 and 1999 of approximately:
 - 3500 tons of hydrocarbons affected soil,
 - 7000 tons of chromium affected soil, and;
 - 3000 tons of caustic affected soil.
- A fire in November 2003 destroyed much of the main facility. Fifteen to 25 million gallons of fire suppression water containing unknown constituents from the facility released to Langston Creek and the Reedy River.
- Due to an impending bankruptcy, Cone Mills removed the groundwater recovery and treatment system from operation in June 2004, after 20 years of operation. The system of recovery wells and treatment was in place to prevent the chromium-contaminated groundwater plume from entering Langston Creek and the Reedy River.
- In 2004, SCDHEC completed an Expanded Site Inspection (ESI) for the Cone Mills Union Bleachery facility. Based on the elevated metals findings of the ESI, the facility was given a high

priority for further action.

- Removal activities were performed at the facility between October and December 2004 by contractors for AFP (US Finishing).
 - Soil removal activities were conducted at:
 - SW corner of main plant
 - Sediments from the maintenance shop
 - Soils adjacent to an elevated railroad bed
 - Brine pit contents
 - Former water treatment basin contents
- In April 2005, SCDHEC conducted site assessment activities to further evaluate the potential threat to human health and the environment.
- In June 2005, SCDHEC conducted an ESI Update sampling event.
- AFP, Duke Energy Corporation, and Piper Properties of Greenville, Limited Liability Corporation (Piper Properties) entered into a settlement agreement with SCDHEC as documented by a Consent Decree in November 2006.
 - Duke Energy conducted removal of polychlorinated biphenyl (PCB) contaminated sources.
 - In May 2008, SCDHEC petitioned the court to appoint a temporary receiver for property owned by AFP. SCDHEC petitioned the court to appoint a temporary receiver for Piper Properties in April 2009.
- In June 2010, AECOM representatives collected samples of building materials suspected of containing asbestos from the main building on-site. Laboratory analysis determined that sheetrock type material and various thermal systems insulation were positive for asbestos on the main floor, second floor, and the basement of the main building. Sampling confirmed 2,450 square feet and 5,700 linear feet of asbestos containing building materials. In addition, 427,000 square feet of material was assumed to be asbestos containing. An asbestos location map (Figure 4) can be found in Attachment A, and a table of asbestos results (Table 1) can be found in Attachment B.
- In March 2011, EPA proposed the site for the NPL on the strength of the surface migration pathway.
- In May 2011, EPA's Remedial Program referred the site to the Removal Program for an RSE and is part of the Agency's ICI.

The EPA OSC conducted a removal site inspection (RSI) with the EPA Remedial Project Manager (RPM), EPA Community Involvement Coordinator (CIC), representatives for American Toxic Substances Disease Registry (ATSDR), EPA Technical Services Section (TSS), and OTIE-START on August 9th, 2011.

In May of 2011, OTIE-START began compiling 30 years of historical analytical data for the site in order to ascertain whether or not there were analytical results above Region 4 Removal Action Levels (RALs) for soil or sediments. Initial efforts led to the creation of a small KMZ webpage that showed most of the analytical results were below RALs. In subsequent meetings with the OSC, it was determined in early June 2011 that the volume of data was very large and encompassed several assessments and three large removals. Therefore, OTIE-START would create a dynamic Scribe database that would link to the remedial programs EQuis database. Both of these databases would, in turn, be linked to a Google style viewer that would show areas of concern from previous investigations, analytical results for those areas, RAL exceedences for those results, and the ability to filter or query the data as needed by investigators. In meetings with the OSC, it was decided that this website viewer would be constructed in a three phased approach; phase one - a static webpage that showed the historical areas of concern; phase two - a dynamic webpage linked to a Scribe database that dynamically links approved data to the webpage in near realtime updates; and phase three - combine EQuis and Scribe database from both the remedial and removal programs to the dynamic viewer. This viewer can be found at: <http://www.usfinishing-conemills.com>. The viewer is currently in phase three of implementation and has taken approximately one and a half months to reach this phase. It contains 1,263 sample locations with 22,714 sample results at the time of publication of this report. It contains the following Assessments and Removals:

1991 Remedial Investigation/Feasibility Study (RI/FS)
1995 RMT Chrome Removal
2004 ESI
2004 Removal
2005 Site Assessment
2005 ESI Sampling
2006 RI/FS
2007 PCB Assessment
2007 PCB Removal
2010 ACM Assessment

It is expected to include the historical groundwater monitoring results as part of the phase three development and will likely include several thousand more results for that data.

As part of the RSI, OTIE-START documented site conditions and collected surface water samples from the site, including three stations at the aeration lagoon, one station at the reservoir, and one station at the wastewater treatment plant. Two paint chip samples were also collected, one from inside the water treatment station building and one from inside the main building. No asbestos samples were collected during this RSI due to the previous comprehensive Asbestos Inspection performed by AECOM in June 2010 (AECOM, Asbestos Inspection Report, July 19, 2010). No groundwater samples were collected during the RSI since site related contaminated groundwater drinking water consumption exposure is not a concern at the site. Properties within the zone of influence of the site are on city water. The city gets their water from three reservoirs – Table Rock, Poinsette Lake, and Lake Keowee. Table Rock Reservoir is 25 miles North of the site and is not hydrologically connected (no rivers in common with the site). Poinsette Lake (aka N. Saluda Reservoir) is located at the North Carolina/South Carolina state line and is not hydrologically connected. Lake Keowee is due west of the site and is also not hydrologically connected. Lastly, no soil or sediment samples were collected as part of this RSI. EPA and OTIE-START reviewed historical data and determined that past removals done at the site deemed soils and sediments primarily below EPA Region IV Removal Action Levels (RALs). If any further data gaps are determined to exist, a future remedial investigation will address soil and/or sediment sampling at that time.

During the course of the RSI, evidence of recent trespassing and vandalism as well as a lack of site security, such as large holes in site fencing, was observed. Abandoned drums and small containers of unknown and suspect hazardous substances were also noted during the RSI as well as the dilapidated condition of the fire damaged facility.

On August 9, 2011, the EPA OSC initiated a CERCLA emergency response to secure the site via fencing and signage as well as to secure the abandoned containers of suspect hazardous substances. Additional known hazardous substances, including large piles of burned debris containing extensive asbestos containing material (ACM) and lead based paint (LBP), were observed in the open and exposed fire damaged portion of the main production facility. Local authorities have determined the facility as a "structure unsafe for human occupancy or use" as indicated by warning signs at the site. Given the public hazard presented by the severely deteriorated structural integrity of the facility and the presence of unknown and known hazardous substances within the facility, it was determined by the EPA OSC that the site conditions represented a likely threat of release to the atmosphere and via surface water migration.

Removal Site Investigation (RSI) Activities

On August 9, 2011, OTIE-START mobilized to the site to perform the RSI with the EPA RPM, ATSDR, and EPA TSS. OTIE-START documented site conditions with digital photographs and field notes. OTIE-START documented the conditions of the site's boundaries, fence conditions, and searched for any vandalism at the property. Based on information provided by neighbors, state representatives, and the Task Monitor, scrap metal among other materials had been taken off site illegally. OTIE-START found several breeches in the following locations of the site's fence:

1. First Breech – near the corner of Alston St. and Brooks Ave; in the middle of the fence and the gate beside it.
2. Second Breech – at Brooks Ave approximately 100 feet from the first breech; fence pulled up from the ground.
3. Third Breech – at Brooks Ave in front of Stevens Auto Service main gate approximately 50 feet from the second breech. Also fence pulled up from the ground.
4. Fourth Breech – at Brooks Ave in front of the second driveway of Stevens Auto Service, 30 feet from the third breech. Based on the size of this breech, this could be the main access point to outsiders.
5. Fifth Breech – at Old Buncombe Rd is approximately 100 feet from the site's main gate and based on the size of this breech, this could be the main entrance for outsiders' vehicles.

The Task Monitor decided to replace the fence in all areas where the breeches are located and increase the security of the site's boundaries to eliminate vandalism and other illegal activities on-site.

Also on August 9, 2011, OTIE-START collected surface water and paint samples. Since previous surface water data was inadequate for decision-making, surface water samples were collected from the aeration lagoon (three samples), from the reservoir (one sample), and from the wastewater treatment plant (one sample) in order to obtain additional data from these surface water points of interest. Paint samples were also collected inside the wastewater treatment building (one composite sample) and from inside the main building (one composite sample). The samples were described as follows:

1. Aeration lagoon location – south, off-site:
 - a. USF-CM-001 and USF-CM-002 (Duplicate): section near Greenville and Northern Railroad; collected at 1344 hours
 - b. USF-CM-003: section in the middle of the lagoon; collected at 1407 hours

- c. USF-CM-004: near and facing Stevens Auto Service location; collected at 1430 hours
- 2. Reservoir location (Cone Mill Pond)– west, off-site:
 - a. USF-CM-005: off Lester Ave; collected at 1450 hours
- 3. On-site Wastewater Treatment Plant – southwest, on-site:
 - a. USF-CM-006: at the middle section of the water treatment pool; collected at 1602 hours
- 4. On-site Wastewater Treatment Plant – southwest, on-site:
 - a. USF-CM-WPAINT-001: inside the building; collected at 1539 hours
- 5. On-site Building – east, on-site:
 - a. USF-CM-PAINT-002: inside the building northeast from the main entrance; collected at 1645 hours

Analytical results of the surface water samples collected by OTIE-START were received on August 25, 2011. According to the analytical results, concentrations of copper were detected above the EPA Region 4 Removal Action Limit for tapwater in three samples, including one duplicate, collected at two locations from the aeration lagoon. Concentrations of copper exceeded the South Carolina Department of Health and Environmental Control Water Quality Standards (SCDHEC-WQS) for Freshwater Aquatic Health (FAH) in all surface water samples collected. Copper concentrations in surface water samples ranged from 3.6 (estimated) to 39.6 micrograms per liter (ug/L). The SCDHEC-WQS for FAH criterion continuous concentration (CCC) for copper is 2.9 ug/L and the criterion maximum concentration (CMC) is 3.8 ug/L. Lead concentrations in one sample collected from the on-site wastewater treatment plant exceeded the SCDHEC-WQS for FAH CCC of 0.54 ug/L. Concentrations of bis(2-ethylhexyl)phthalate exceeded the SCDHEC-WQS for Human Health for all criteria including water and organism only, organism only, and maximum contaminant levels (MCLs) in surface water samples collected at three locations (the aeration lagoon near the railroad, the reservoir location, and the on-site wastewater treatment plant location). Concentrations of bis(2-ethylhexyl)phthalate in these samples ranged from 13.4 ug/L to 57.5 ug/L. The SCDHEC-WQS for Human Health for water and organism only and MCLs are 1.2 and 6 ug/L, respectively.

Figure 5 in Appendix A shows the location of the surface water samples collected. Surface water sample details including results of the analyses are provided on Table 2 in Attachment B.

Containment and Removal Activities

On August 9, 2011, EPA Emergency Response Removal Services (ERRS) contractor, Environmental Restoration, LLC (ER), mobilized to secure the site via fencing and signage as well as to secure the

abandoned containers of suspect hazardous substances. On August 10, 2011, OTIE-START mobilized to the site to perform oversight and site documentation of the emergency response activities and assist the EPA OSC. ERRS-ER located two, 55-gallon drums containing mostly solids, one 55-gallon drum of oily liquid, and one 55-gallon drum of amber-colored liquid in the main production building. Samples were collected from the drums for waste characterization. START and ER also located five, 55-gallon drums and five, 10-gallon containers in the power control building located on the southwest portion of the site near the aeration lagoon. The building windows were open and signs of vandalism and trespass were observed. The EPA OSC, through discussions with SCDHEC and a representative of the receivership, determined that the drums were abandoned. ERRS-ER began sampling and overpacking the drums of unknown suspect hazardous liquids and solids from the main production building.

EPA, with the support of OTIE-START, conducted assessment of the exposed fire damaged debris.

OTIE-START conducted reconnaissance and collected measurements of the burned debris piles located in the exposed area of the main production building on August 12, 2011. The debris piles primarily consisted of large quantities of fine solids, visually what appeared to be ACM material and “cake”, and burned wood. Other debris in the piles consisted of roofing material, plastics, wood, and large industrial rolls of fabric and woven plastic.

On August 11, ERRS-ER completed overpacking the drums and containers and transported them to the Parker Fire Department Fire Training Facility located at 1880 West Washington Street Greenville, SC for temporary staging. ERRS-ER demobilized on August 11 and START-OTIE demobilized on August 12.

START-OTIE remobilized to the site on August 14 to perform hazcatting of the liquids in the drums and containers located at the temporary staging area and to collect waste characterization samples of the debris pile located on-site. Hazcatting results indicated that the six 55-gallon drums and five, 10-gallon containers all consisted of amber liquids with a pH of 5-6 SU. Results also indicated these liquids were non-reactive, flammable, and contained chlorides, possibly indicating the presence of PCBs. Hazcatting of the waste oil drum did not indicate any hazardous characteristics. Hazcatting was not performed on the solids (two, 55-gallon drums) or the foam material (one, 2.5-gallon original container with labeling).

OTIE-START collected three, five-point composite samples of the burned debris piles located in the exposed portion of the main building on August 15. Two grab samples were also collected of the paint

chips and paint chip debris from sections of partially collapsed brick walls located in the fire damaged portion of the main production building. Samples were submitted to Analytical Environmental Services, Inc. (AES) on August 15 for analysis via EPA Toxicity Characteristic Leachate Procedure (TCLP) for metals, semi-volatiles (SVOCs), volatiles (VOCs), and PCBs (three debris pile composite samples); TCLP pesticides/herbicides (one debris pile composite sample); and TCLP metals (paint chip grab samples). None of the samples analyzed exceeded the TCLP regulatory limits for any compounds. None of the VOCs, SVOCs, pesticides, or herbicides were detected above their respective laboratory reporting limits in any of the samples analyzed. The PCB Aroclor-1254 was detected in two of the waste pile samples at concentrations of 380 ug/Kg (USFCM-WC-002) and 2,900 ug/Kg (USFCM-WC-003). Additionally, PCB Aroclor-1260 was detected in two of the waste pile samples at concentrations of 300 ug/Kg (USFCM-WC-002) and 2,400 ug/Kg (USFCM-WC-003). Aroclor-1254 and Aroclor-1260 are not listed contaminants for toxicity characteristics established in 40 CFR Part 261. TCLP results for lead in paint chip samples ranged from 1.26 mg/Kg (USFCM-WC-001) to 0.129 mg/Kg (USFCM-WC-004). The TCLP regulatory limit established for lead is 5 mg/Kg. Sample details including results of the analyses are provided on Table 3 in Attachment B.

Sample details including waste container descriptions and current container disposition for the waste containerized as part of the incident response are provided on Table 4 in Attachment B. Analytical results of the ERRS-ER waste samples from the overpacked drums and other waste containers were received on August 25, 2011. According to the analytical results, the sample from one drum (Drum ID- D001) contained concentrations of both chromium and arsenic above their respective regulatory limits. Drum D001 is considered hazardous waste (R.Q. Hazardous Waste Liquid, N.O.S. (chromium)) and has been assigned waste codes D004 and D007. None of the other samples analyzed indicated hazardous characteristics based on the laboratory analyses performed. Accordingly, the following waste descriptions have been assigned to the containerized waste as follows: waste oil (Drum ID D-004), nonhazardous solids (Drum IDs D-002 and D-003), and nonhazardous liquids (Drum IDs D-005 through D-015). Results of the analyses are provided on Table 5 in Attachment B. A waste manifest has been generated for the waste and was signed and approved on September 9, 2011. A copy of the waste manifest is included in Attachment F.

The containerized wastes are presently staged at the Parker Fire Department Fire located at 1880 West Washington Street Greenville, SC. Figure for 3 in Attachment A provides directions to the waste staging area location from the site. Disposal of the waste at an appropriate treatment and disposal facility is

currently scheduled for October 3, 2011.

EPA continues to be in contact with SCDHEC and the EPA RPM regarding the site.

If you have any questions or comments regarding this Incident Response Letter Report or require any additional information, please contact me at 678-355-5550 ext. 5710, or Mr. Russell Henderson, Assistant START Program Manager, at 678-355-5550 ext. 5707.

Sincerely,

The image shows two handwritten signatures in black ink. The signature on the left is "S. Adam Davis" and the signature on the right is "Russell Henderson".

S. Adam Davis
Senior Scientist

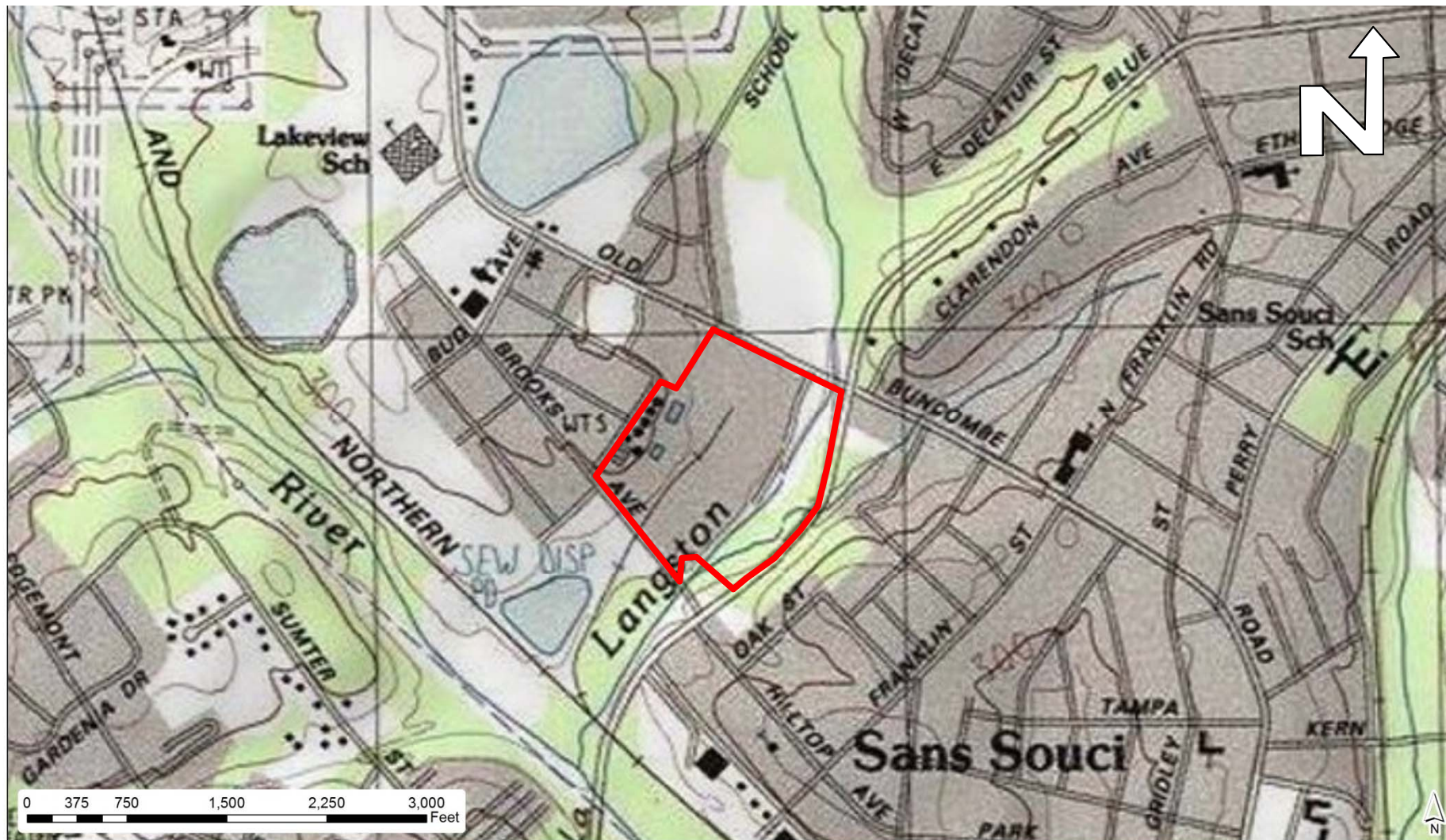
Russell Henderson
Assistant START Program Manager

CC: Katrina Jones, EPA Project Officer
Darryl Walker, EPA Project Officer (w/o enclosure)
OTIE project file

Enclosures

Attachment A – Figures
Attachment B – Tables
Attachment C – Photographic Log
Attachment D – Analytical Reports
Attachment E – Logbook Notes
Attachment F – Waste Manifest

ATTACHMENT A
FIGURES



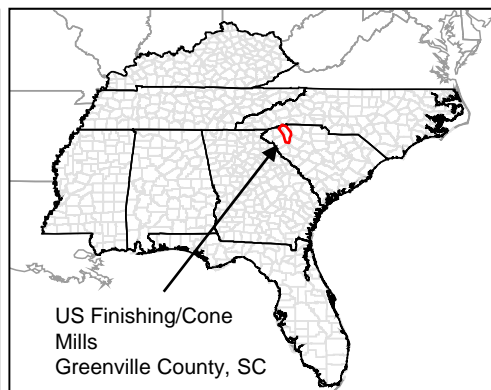
Legend



SITE

SOURCE: USGS
PARIS MOUNTAIN, SC 1983

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



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US FINISHING/ CONE MILLS
GREENVILLE, GREENVILLE
COUNTY, SOUTH CAROLINA
TDD No. TNA-05-001-0144

**FIGURE 1
TOPOGRAPHIC MAP**





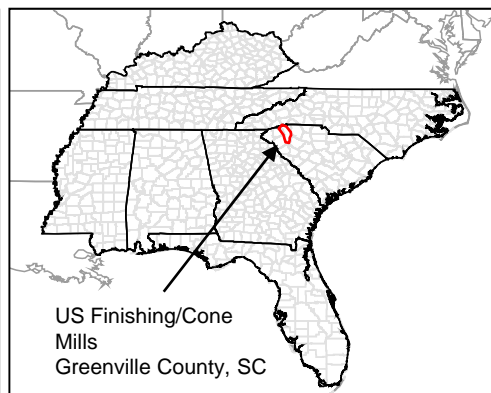
Legend



SITE

SOURCE: Bing Maps Hybrid, 2011
www.arcgis.com

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

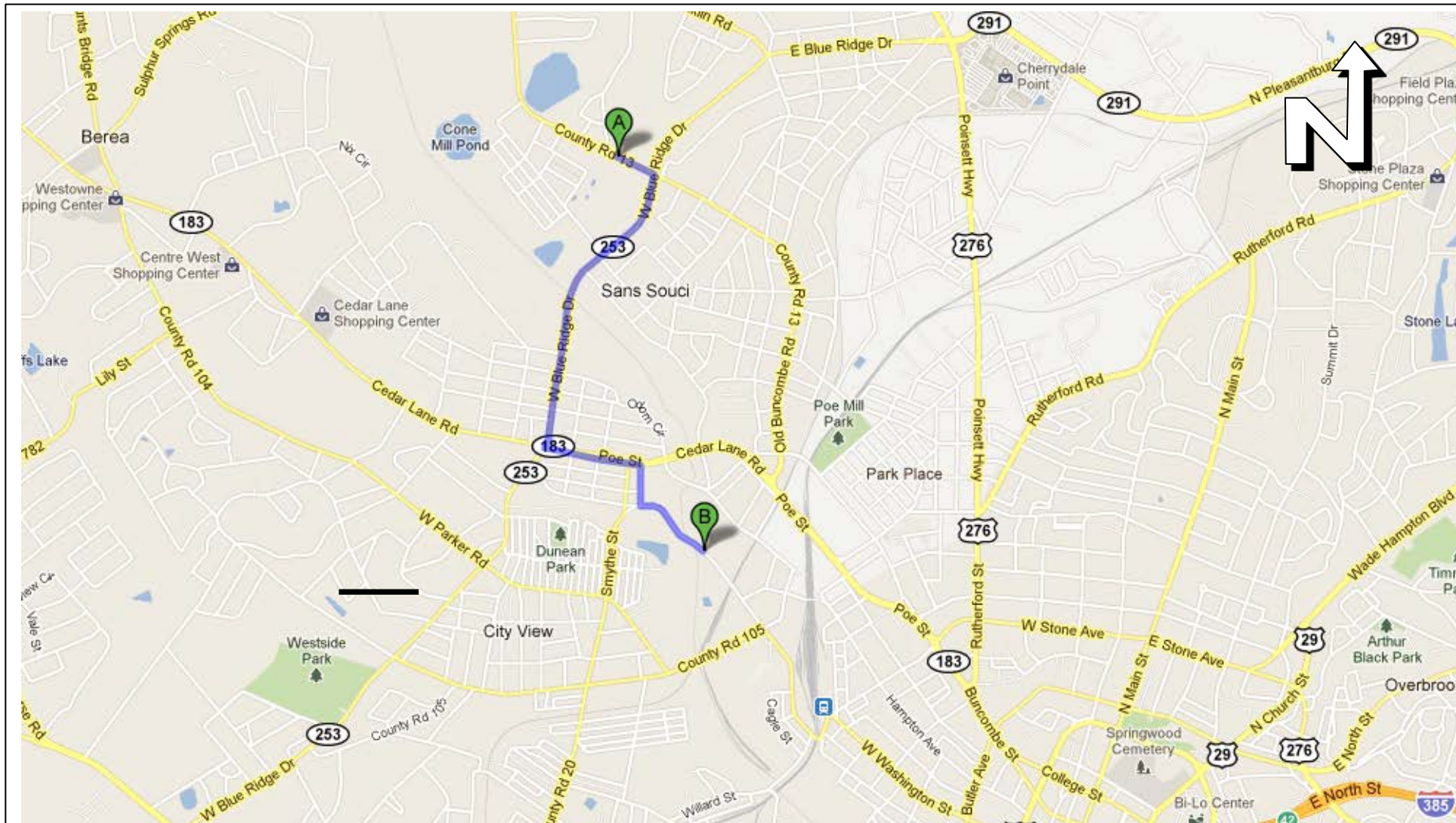


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FIGURE 2
SITE AERIAL MAP



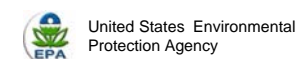


Legend

   **ROUTE FROM SITE TO STAGING AREA**

SOURCE: Google Maps, 2011
<http://maps.google.com/>

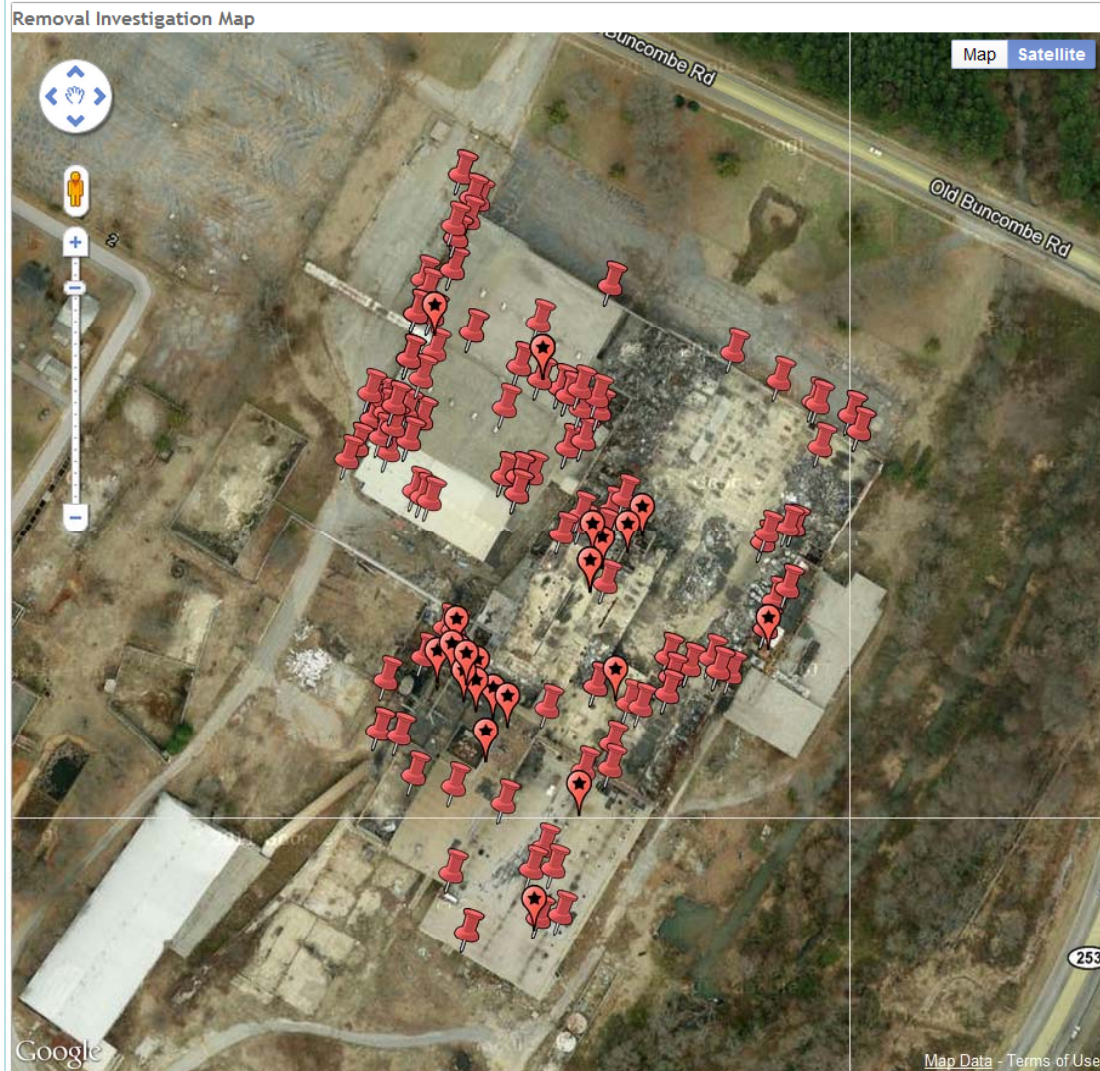
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 COUNTY, SOUTH CAROLINA
 TDD No. TNA-05-001-0144

FIGURE 3
ROUTE TO STAGING AREA





Legend



Asbestos sample point (Detect)



Asbestos sample point (Non-Detect)

SOURCE:
<http://www.usfinishing-conemills.com/RIMap/PhaseII#>

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FIGURE 4
ASBESTOS LOCATION MAP





Legend

■ Surface Water Sampling Point

SOURCE: Bing Maps Hybrid, 2011
www.arcgis.com

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FIGURE 5
SURFACE WATER SAMPLE
LOCATIONS



ATTACHMENT B
TABLES

TABLE 1
US FINISHING/CONE MILLS
ASBESTOS RESULTS - JUNE 2010

Location	Sample Number	Location Description	Result (Units)	Amosite	Chrysotile
B01-1	Brick-01-1	Loading Dock #1	%	0	0
B01-1	Mortar-01-1	Loading Dock #1	%	0	0
B01-2	Brick-01-2	Warehouse #1	%	0	0
B01-2	Mortar-01-2	Warehouse #1	%	0	0
B01-3	Brick-01-3	Breezeway	%	0	0
B01-3	Mortar-01-3	Breezeway	%	0	0
B02-1	Brick-02-1	Breezeway	%	0	0
B02-1	Mortar-02-1	Breezeway	%	0	0
B02-2	Brick-02-2	Breezeway	%	0	0
B02-2	Mortar-02-2	Breezeway	%	0	0
B02-3	Brick-02-3	Warehouse #2	%	0	0
B02-3	Mortar-02-3	Warehouse #2	%	0	0
B03-1	Brick-03-1	Warehouse #2	%	0	0
B03-1	Mortar-03-1	Warehouse #2	%	0	0
B03-2	Brick-03-2	Breezeway	%	0	0
B03-2	Mortar-03-2	Breezeway	%	0	0
B03-3	Brick-03-3	Warehouse #2	%	0	0
B03-3	Mortar-03-3	Warehouse #2	%	0	0
B04-1	Brick-04-1	Breezeway	%	0	0
B04-1	Mortar-04-1	Breezeway	%	0	0
B04-2	Brick-04-2	Warehouse #2	%	0	0
B04-2	Mortar-04-2	Warehouse #2	%	0	0
B04-3	Brick-04-3	Warehouse #2	%	0	0
B04-3	Mortar-04-3	Warehouse #2	%	0	0
B05-1	Brick-05-1	Corduoy Finishing Dept	%	0	0
B05-1	Mortar-05-1	Corduoy Finishing Dept	%	0	0
B05-2	Brick-05-2	Production and Manufacturing Room	%	0	0
B05-2	Mortar-05-2	Production and Manufacturing Room	%	0	0
B05-3	Brick-05-3	Loading Dock #1	%	0	0
B05-3	Mortar-05-3	Loading Dock #1	%	0	0
B06-1	Brick-06-1	Corduoy Finishing Dept	%	0	0
B06-1	Mortar-06-1	Corduoy Finishing Dept	%	0	0
B06-2	Brick-06-2	Corduoy Finishing Dept	%	0	0
B06-2	Mortar-06-2	Corduoy Finishing Dept	%	0	0
B06-3	Brick-06-3	Stairs	%	0	0
B06-3	Mortar-06-3	Stairs	%	0	0
B07-1	Brick-07-1	Corduoy Finishing Dept	%	0	0
B07-1	Mortar-07-1	Corduoy Finishing Dept	%	0	0
B07-2	Brick-07-2	Mercerizer	%	0	0
B07-2	Mortar-07-2	Mercerizer	%	0	0
B07-3	Brick-07-3	Bleaching	%	0	0
B07-3	Mortar-07-3	Bleaching	%	0	0
BB-01-1	Base-01-1-Baseboard	Warehouse Offices	%	0	0
BB-01-1	Base-01-1-Cove Base	Warehouse Offices	%	0	0
BB-01-1	Base-01-1-Mastic	Warehouse Offices	%	0	0
BB-01-1	Base-01-1-Mastic	Warehouse Offices	%	0	0
BB-01-2	Base-01-2-Cove Base	Warehouse Offices	%	0	0
BB-01-2	Base-01-2-Mastic	Warehouse Offices	%	0	0
BB-01-3	Base-01-3-Cove Base	Warehouse Offices	%	0	0
BB-01-3	Base-01-3-Mastic	Warehouse Offices	%	0	0
Boiler-01-1	Boiler-01-1	Boiler Room #2	%	20	15
Boiler-01-2	Boiler-01-2	Boiler Room #2	%	15	15

TABLE 1
US FINISHING/CONE MILLS
ASBESTOS RESULTS - JUNE 2010

Location	Sample Number	Location Description	Result (Units)	Amosite	Chrysotile
Boiler-01-3	Boiler-01-3	Boiler Room #2	%	20	10
C01-1	Cement-01-1	Loading Dock #1	%	0	0
C01-2	Cement-01-2	Loading Dock #1	%	0	0
C01-3	Cement-01-3	Breezeway	%	0	0
C02-1	Cement-02-1	Loading Dock #1	%	0	0
C02-2	Cement-02-2	Warehouse #2	%	0	0
C02-3	Cement-02-3	Warehouse #1	%	0	0
C03-1	Cement-03-1	Breezeway	%	0	0
C03-2	Cement-03-2	Breezeway	%	0	0
C03-3	Cement-03-3	Warehouse #2	%	0	0
C04-1	Cement-04-1	Corduroy Finishing Dept	%	0	0
C04-2	Cement-04-2	Finishing	%	0	0
C04-3	Cement-04-3	Finishing	%	0	0
C05-1	Cement-05-1	Corduroy Finishing Dept	%	0	0
C05-2	Cement-05-2	Production and Manufacturing Room	%	0	0
C05-3	Cement-05-3	Mercerizer	%	0	0
C06-1	Cement-06-1-Rough Coat	Mercerizer	%	0	0
C06-1	Cement-06-1-Skim Coat	Mercerizer	%	0	0
C06-2	Cement-06-2	Production and Manufacturing Room	%	0	0
C06-3	Cement-06-3	Mercerizer	%	0	0
CL-01-1	Ceiling-01-1	Warehouse Offices	%	0	0
CL-01-2	Ceiling-01-2	Warehouse Offices	%	0	0
CL-01-3	Ceiling-01-3	Warehouse Offices	%	0	0
Door-01-1	Door-01-1	Boiler Room #2	%	0	0
Door-01-2	Door-01-2	Boiler Room #2	%	0	0
Door-01-3	Door-01-3	Power Plant Utilities Room	%	0	0
Floor-01-1	Floor-01-1-Floor Tile	Warehouse Offices	%	0	0
Floor-01-1	Floor-01-1-Floor Tile	Warehouse Offices	%	0	0
Floor-01-1	Floor-01-1-Mastic	Warehouse Offices	%	0	0
Floor-01-1	Floor-01-1-Mastic	Warehouse Offices	%	0	0
Floor-01-2	Floor 01-2	Warehouse Offices	%	0	0
Floor-01-3	Floor-01-3-Floor Tile	Warehouse Offices	%	0	0
Floor-01-3	Floor-01-3-Mastic	Warehouse Offices	%	0	0
Ins-01-1	Ins-01-1	Corduroy Finishing Dept	%	0	0
Ins-01-2	Ins-01-2	Breezeway	%	0	0
Ins-01-3	Ins-01-3	Corduroy Cutting	%	0	0
Ins-02-1	Ins-02-1	Dyeing	%	0	0
Ins-02-2	Ins-02-2	Mercerizer	%	0	0
Ins-02-3	Ins-02-3	Bleaching	%	0	0
Ins-04-1	Ins-04-1	Warehouse #3	%	0	0
Ins-04-2	Ins-04-2	Warehouse #3	%	0	0
Ins-04-3	Ins-04-3	Warehouse #3	%	0	0
Misc-01	Misc-01-1	Breezeway	%	0	0
Misc-01	Misc-01-2	Breezeway	%	0	0
Misc-01	Misc-01-3	Breezeway	%	0	0
Misc-02	Misc-02-1	Breezeway	%	0	0
Misc-02	Misc-02-2	Breezeway	%	0	0
Misc-02	Misc-02-3	Breezeway	%	0	0
Misc-03	Misc-03-1	Warehouse #1	%	30	0
Misc-03	Misc-03-2	Warehouse #1	%	30	0
Misc-03	Misc-03-3	Warehouse #1	%	30	0
Misc-04	Misc-04-1	Breezeway	%	0	0

**TABLE 1
US FINISHING/CONE MILLS
ASBESTOS RESULTS - JUNE 2010**

Location	Sample Number	Location Description	Result (Units)	Amosite	Chrysotile
Misc-04	Misc-04-2	Breezeway	%	0	0
Misc-04	Misc-04-3	Breezeway	%	0	0
Misc-07-1	Misc-07-1	Corduroy Finishing Dept	%	0	0
Misc-07-1	Misc-07-1	Corduroy Finishing Dept	%	0	0
Misc-07-2	Misc-07-2	Production and Manufacturing Room	%	0	0
Misc-07-3	Misc-07-3	Mercerizer	%	0	0
Misc-09-1	Misc-09-1	Corduroy Finishing Dept	%	0	0
Misc-09-2	Misc-09-2	Corduroy Finishing Dept	%	0	0
Misc-09-3	Misc-09-3-Green Fabric	Corduroy Cutting	%	0	0
Misc-09-3	Misc-09-3-White Fabric	Corduroy Cutting	%	0	0
Misc-10-1	Misc-10-1	Dyeing	%	0	0
Misc-10-2	Misc-10-2	Mercerizer	%	0	0
Misc-10-3	Misc-10-3	Mercerizer	%	0	0
Shingle-01-1	Shingle-01-1	Loading Dock #1	%	0	0
Shingle-01-2	Shingle-01-2	Loading Dock #1	%	0	0
Shingle-01-3	Shingle-01-3	Breezeway	%	0	0
TSI10i-01-1	TSI10i-01-1-Insulation	Power Plant Utilities Room	%	0	0
TSI10i-01-1	TSI10i-01-1-Wrap	Power Plant Utilities Room	%		5
TSI10i-01-2	TSI10i-01-2	Corduroy Cutting	%	0	0
TSI10i-01-3	TSI10i-01-3	Bleaching	%	0	0
TSI16i-01-1	TSI16i-01-1	Corduroy Cutting	%	0	25
TSI16i-01-2	TSI16i-01-2	Corduroy Cutting	%	20	0
TSI16i-01-2	TSI4i-05-1	Corduroy Cutting	%	5	15
TSI16i-01-2	TSI6i-04-1	Corduroy Cutting	%	5	20
TSI16i-01-3	TSI16i-01-3	Boiler Room #2	%	15	15
TSI2i-01	TSI2i-01-1	Warehouse #2	%	0	0
TSI2i-01	TSI2i-01-3	Warehouse #2	%	0	0
TSI2i-01-2	TSI2i-01-2	Loading Dock #2	%	0	0
TSI2i-02-1	TSI2i-02-1-Insulation	Warehouse #3	%	0	0
TSI2i-02-1	TSI2i-02-1-Wrap	Warehouse #3	%	0	0
TSI2i-02-2	TSI2i-02-2-Insulation	Loading Dock #1	%	0	0
TSI2i-02-2	TSI2i-02-2-Tar Layer	Loading Dock #1	%	0	0
TSI2i-02-2	TSI2i-02-2-Wrap	Loading Dock #1	%	0	0
TSI2i-02-3	TSI2i-02-3-Insulation	Warehouse #3	%	0	0
TSI2i-02-3	TSI2i-02-3-Tar Layer	Warehouse #3	%	0	0
TSI2i-02-3	TSI2i-02-3-Wrap	Warehouse #3	%	0	0
TSI4i-02-1	TSI4i-02-1-Insulation	Warehouse #3	%	0	0
TSI4i-02-1	TSI4i-02-1-Tar	Warehouse #3	%	0	0
TSI4i-02-2	TSI4i-02-2-Insulation	Loading Dock #1	%	0	0
TSI4i-02-2	TSI4i-02-2-Tar	Loading Dock #1	%	0	0
TSI4i-02-2	TSI4i-02-2-Wrap	Loading Dock #1	%		5
TSI4i-02-3	TSI4i-02-3-Insulation	Warehouse #3	%	0	0
TSI4i-02-3	TSI4i-02-3-Tar	Warehouse #3	%	0	0
TSI4i-03-1	TSI4i-03-1-Insulation	Dyeing	%	0	0
TSI4i-03-1	TSI4i-03-1-Wrap	Dyeing	%	0	0
TSI4i-03-2	TSI4i-03-2	Dyeing	%	8	20
TSI4i-03-3	TSI4i-03-3	Corduroy Cutting	%	25	0
TSI4i-03-3	TSI4i-07-1-Insulation	Corduroy Cutting	%	0	0
TSI4i-03-3	TSI4i-07-1-Wrap	Corduroy Cutting	%	0	0
TSI4i-04-1	TSI4i-04-1	Dyeing	%	5	20
TSI4i-04-2	TSI4i-04-2	Storage Room #2	%	15	15
TSI4i-04-3	TSI4i-04-3	Mercerizer	%	0	0

TABLE 1
US FINISHING/CONE MILLS
ASBESTOS RESULTS - JUNE 2010

Location	Sample Number	Location Description	Result (Units)	Amosite	Chrysotile
TSI4i-05-2	TSI4i-05-2	Mercerizer	%	15	15
TSI4i-05-3	TSI4i-05-3	Dyeing	%	0	0
TSI4i-07-2	TSI4i-07-2	Dyeing	%	0	0
TSI4i-07-3	TSI4i-07-3	Dyeing	%	0	0
TSI6i-01-1	TSI6i-01-1	Loading Dock #1	%	0	0
TSI6i-01-2	TSI6i-01-2-Insulation	Loading Dock #2	%	0	0
TSI6i-01-2	TSI6i-01-2-Tar	Loading Dock #2	%	0	0
TSI6i-01-2	TSI6i-01-3-Insulation	Loading Dock #2	%	0	0
TSI6i-01-2	TSI6i-01-3-Tar	Loading Dock #2	%	0	0
TSI6i-02	TSI6i-02-1-Foam	Warehouse #2	%	0	0
TSI6i-02	TSI6i-02-1-Wrap	Warehouse #2	%	0	0
TSI6i-02	TSI6i-02-2-Foam	Warehouse #2	%	0	0
TSI6i-02	TSI6i-02-2-Wrap	Warehouse #2	%	0	0
TSI6i-02	TSI6i-02-3-Foam	Warehouse #2	%	0	0
TSI6i-02	TSI6i-02-3-Wrap	Warehouse #2	%	0	0
TSI6i-03-1	TSI6i-03-1	Dyeing	%	5	15
TSI6i-03-2	TSI6i-03-2	Boiler Room #2	%	10	0
TSI6i-03-3	TSI6i-03-3	Boiler Room #2	%	15	15
TSI6i-04-2	TSI6i-04-2-Insulation	Mercerizer	%	0	0
TSI6i-04-2	TSI6i-04-2-Wrap	Mercerizer	%	0	0
TSI6i-04-3	TSI6i-04-3	Bleaching	%	0	0
TSI8i-01-1	TSI8i-01-1-Insulation	Dyeing	%	0	0
TSI8i-01-1	TSI8i-01-1-Wrap	Dyeing	%	0	0
TSI8i-01-2	TSI8i-01-2	Storage Room #2	%	15	15
TSI8i-01-3	TSI8i-01-3	Mercerizer	%	15	10
TSI8i-02-1	TSI8i-02-1	Dyeing	%	15	25
TSI8i-02-2	TSI8i-02-2	Mercerizer	%	0	0
TSI8i-02-3	TSI8i-02-3	Mercerizer	%	0	0
TSI8i-03-1	TSI8i-03-1	Dyeing	%	0	0
TSI8i-03-2	TSI8i-03-2	Boiler Room #2	%	20	10
TSI8i-03-3	TSI8i-03-3-Insulation	Production and Manufacturing Room	%	15	5
TSI8i-03-3	TSI8i-03-Wrap	Production and Manufacturing Room	%	3	5

TABLE 2
US FINISHING/ CONE MILLS
REMOVAL SITE INVESTIGATION SURFACE WATER SAMPLE SUMMARY

	Tapwater RAL	SCDHEC WQS					Trip Blank	USF-CM-001 (Aeration Lagoon near Greenville and Northern Road)	USF-CM-002 (Duplicate of USF- CM-001)	USF-CM-003 (Aeration Lagoon in middle section of lagoon)	USF-CM-004 (Aeration Lagoon facing Stevens Service Location)	USF-CM-005 (Reservoir Location)	USF-CM-006 (On- Site WWTP Location)
		Freshwater Aquatic Life		Human Health									
		CMC (ug/L)	CCC (ug/L)	Water & Organism Only (ug/L)	Organism Only (ug/L)	MCL (ug/L)							
Metals (ug/L)													
Aluminum	86,400	NL	NL	NL	NL	NL		98.4 J	99.2 J	173	255	190	112
Antimony	34.6	NL	NL	5.6	640	6		10 U	3.52 J	3.98 J	10 U	10 U	10 U
Arsenic	4.48	340	150	NL	NL	10		5.4 J	6.82 J	5.69 J	5.31 J	10 U	10 U
Barium	17,300	NL	NL	NL	NL	NL		30.5	31.6	31.2	33.3	29.9	30.3
Calcium	NL	NL	NL	NL	NL	NL		6360	6640	6720	6760	1590	20000
Chromium	NL	16 ^a	11 ^a	NL	NL	100 ^b		2.78 J	2.72 J	2.99 J	2.89 J	0.846 J	1.28 J
Cobalt	25.9	NL	NL	NL	NL	NL		10 U	10 U	10 U	10 U	1.07 J	10 U
Copper	NL	3.8	2.9	1,300	NL	NL		4.63 J	5.32 J	4.6 J	5.34 J	6.5 J	39.6
Iron	60,500	NL	NL	NL	NL	NL		78.8	76	153	211	921	203
Lead	NL	14	0.54	NL	NL	NL		15 U	15 U	15 U	15 U	15 U	9.93 J
Magnesium	NL	NL	NL	NL	NL	NL		5870	6120	6180	6120	610	2050
Manganese	2,070	NL	NL	NL	NL	NL		29.2	30	41.7	33.7	269	99.2
Nickel	1,730	150	16	610	4,600	NL		1.2 J	1.58 J	1.68 J	1.56 J	5 U	5 U
Potassium	NL	NL	NL	NL	NL	NL		7240	7500	7400	7660	2200	4990
Sodium	NL	NL	NL	NL	NL	NL		161000	168000	164000	170000	2570	4160
Vanadium	436	NL	NL	NL	NL	NL		17.3	18.5	17.4	21.2	1.23 J	10 U
Zinc	25,900	37	37	7,400	26,000	NL		12.1 J	18.7 J	7.66 J	9.89 J	14.3 J	7.17 J
VOC (ug/L)													
Acetone	55,500	NL	NL	NL	NL	NL	5.3 JB	10.8 B	13.2 B	10 B	15.5 B	2.8 JB	5.6 JB
Carbon disulfide	2,910	NL	NL	NL	NL	NL	1 U	0.56 JB	0.98 J	0.35 JB	0.22 JB	0.22 JB	1 U
Methylene chloride	480	NL	NL	4.6	590	5	7.2	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	14.3	NL	NL	NL	NL	NL	5 U	0.81 JB	5 U	0.8 JB	0.81 JB	5 U	5 U
Toluene	5,660	NL	NL	1,300	15,000	1,000	1 U	0.27 J	0.28 J	0.36 J	0.27 J	1 U	1 U
SVOC (ug/L)													
Benzoic acid	346,000	NL	NL	NL	NL	NL		51.5 U	29.9 J	51.3 U	96.5	51 U	17.4 J
Bis(2-ethylhexyl)phthalate	480	NL	NL	1.2	2.2	6		13.4	5.2 U	5.1 U	5.1 U	57.5	33.9
Di-n-butylphthalate	8640	NL	NL	2000	4,500	NL		4.1 U	4.2 U	4.1 U	4.1 U	1.6 J	5.6

Notes:

^a- As Chromium VI

^a- As Total Chromium

CCC- Criterion continuous concentration. The highest instream concentration of a toxicant or an effluent to which the organisms can be exposed to protect against chronic (long-term) effects.

CMC- Criterion maximum concentration. The highest instream concentration of a toxicant or an effluent to which the organisms can be exposed for a brief period of time without causing an acute effect.

MCL- Maximum Contaminant Level developed under the Safe Drinking Water Act (SDWA) and the National Primary Drinking Water Regulation (NPDWR)

NL- Not listed

SCDHEC WQS- South Carolina Department of Health and Environmental Control- Water Quality Standards (S.C. Regulation 61-68, *Water Classifications and Standards*)

RAL - Removal Action Level

Bold and Shaded - Value exceeds the RAL

Bold and Italicized - Value exceeds the SCDHEC WQS

J - Value is an estimate

B - Value was detected in the trip or method blank

ug/L - Micrograms per liter

TABLE 3
US FINISHING/CONE MILLS
NON-CONTAINERIZED WASTE TCLP RESULTS

Sample ID	RCRA - Maximum Allowable Levels	USFCM-WC-001	USFCM-WC-002	USFCM-WC-003	USFCM-WC-004	USFCM-WC-005
Collection Date		8/15/2011	8/15/2011	8/15/2011	8/15/2011	8/15/2011
Matrix		Waste	Waste	Waste	Waste	Waste
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
TCLP VOC (mg/L)						
1,1-Dichloroethene	0.7	NS	0.10 U	0.10 U	NS	0.10 U
1,2-Dichloroethane	0.5	NS	0.10 U	0.10 U	NS	0.10 U
2-Butanone	200	NS	0.20 U	0.20 U	NS	0.20 U
Benzene	0.5	NS	0.10 U	0.10 U	NS	0.10 U
Carbon Tetrachloride	0.5	NS	0.10 U	0.10 U	NS	0.10 U
Chlorobenzene	100	NS	0.10 U	0.10 U	NS	0.10 U
Chloroform	6	NS	0.10 U	0.10 U	NS	0.10 U
Tetrachloroethene	0.7	NS	0.10 U	0.10 U	NS	0.10 U
Trichloroethene	0.5	NS	0.10 U	0.10 U	NS	0.10 U
Vinyl Chloride	0.2	NS	0.040 U	0.040 U	NS	0.040 U
TCLP SVOC (mg/L)						
1,4-Dichlorobenzene	7.5	NS	0.10 U	0.10 U	NS	0.10 U
2,4,5-Trichlorophenol	400	NS	0.10 U	0.10 U	NS	0.10 U
2,4,6-Trichlorophenol	2	NS	0.10 U	0.10 U	NS	0.10 U
2,4-Dinitrotoluene	0.13	NS	0.10 U	0.10 U	NS	0.10 U
Hexachlorobenzene	0.13	NS	0.10 U	0.10 U	NS	0.10 U
Hexachlorobutadiene	0.5	NS	0.10 U	0.10 U	NS	0.10 U
Hexachloroethane	3	NS	0.10 U	0.10 U	NS	0.10 U
m,p-Cresol	200	NS	0.10 U	0.10 U	NS	0.10 U
Nitrobenzene	2	NS	0.10 U	0.10 U	NS	0.10 U
o-Cresol	200	NS	0.10 U	0.10 U	NS	0.10 U
Pentachlorophenol	100	NS	0.50 U	0.50 U	NS	0.50 U
Pyridine	5	NS	0.10 U	0.10 U	NS	0.10 U
TCLP Metals (mg/L)						
Mercury	0.2	0.00105 J	0.004 U	0.00132 J	0.004 U	0.004 U
Arsenic	5	1.16	0.374	0.0568 J	0.0423 J	0.0455 J
Barium	100	2.74	2.25	2.93	1.72	0.133 J
Cadmium	1	0.134	0.069	0.0524	0.0126 J	0.0604
Chromium	5	0.0629	0.014 J	0.0239 J	0.0572	0.0305 J

TABLE 3
US FINISHING/CONE MILLS
NON-CONTAINERIZED WASTE TCLP RESULTS

Sample ID	RCRA - Maximum Allowable Levels	USFCM-WC-001	USFCM-WC-002	USFCM-WC-003	USFCM-WC-004	USFCM-WC-005
Collection Date		8/15/2011	8/15/2011	8/15/2011	8/15/2011	8/15/2011
Matrix		Waste	Waste	Waste	Waste	Waste
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
TCLP Metals (mg/L)						
Lead	5	1.26	0.183	0.203	0.129	1.78
Selenium	1	0.100 U	0.100 U	0.100 U	0.100 U	0.0256 J
Silver	5	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U
TCLP Pesticides (mg/L)						
Chlordane	0.03	NS	0.005 U	NS	NS	NS
Endrin	0.02	NS	0.001 U	NS	NS	NS
gamma-BHC	0.4	NS	0.0005 U	NS	NS	NS
Heptachlor	0.008	NS	0.0005 U	NS	NS	NS
Heptachlor Epoxide	NL	NS	0.0005 U	NS	NS	NS
Methoxychlor	10	NS	0.005 U	NS	NS	NS
Toxaphene	0.5	NS	0.05 U	NS	NS	NS
TCLP Herbicides (mg/L)						
2,4,5-TP (Silvex)	1	NS	0.2 U	NS	NS	NS
2,4-D	10	NS	0.2 U	NS	NS	NS
PCBs (ug/kg)						
Aroclor-1016	NL	NS	78 U	40 U	NS	36 U
Aroclor-1221	NL	NS	78 U	40 U	NS	36 U
Aroclor-1232	NL	NS	78 U	40 U	NS	36 U
Aroclor-1242	NL	NS	78 U	40 U	NS	36 U
Aroclor-1248	NL	NS	78 U	40 U	NS	36 U
Aroclor-1254	NL	NS	380	2900	NS	630
Aroclor-1260	NL	NS	300	2400	NS	530

Notes:

°F - Degrees Fahrenheit

mg/L - Milligrams per liter

mg/kg - Milligrams per kilogram

ug/kg - Micrograms per kilogram

NL - Not listed

NS - Not sampled

U - Not detected above laboratory reporting limit

TCLP - Toxicity Characteristics Leaching Procedure

Bolded and Shaded - value exceeds the RCRA Level

TABLE 4
US FINISHING/CONE MILLS
CONTAINERIZED WASTE SUMMARY

Drum/ Container ID	Container Description	Overpack Container	Sample ID	Waste Description	Waste Code(s)
D001	55-GAL POLY	95-GAL POLY	D001	Hazardous waste, Liquid	D004, D007
D002	55-GAL STEEL	95-GAL POLY	D002/D003	Non-hazardous, Solid	N/A
D003	55-GAL STEEL	95-GAL POLY	D002/D003	Non-hazardous, Solid	N/A
D004	55-GAL POLY	85-GAL STEEL	D004	Waste Oil	N/A
D005	2.5-GAL PLASTIC	Original container	NS	Non-hazardous, Liquid	N/A
D006	55-GAL POLY	95-GAL POLY	D006	Non-hazardous, Liquid	N/A
D007	55-GAL POLY	85-GAL STEEL	D006, D007	Non-hazardous, Liquid	N/A
D008	55-GAL POLY	85-GAL STEEL	D006, D008	Non-hazardous, Liquid	N/A
D009	55-GAL POLY	85-GAL STEEL	D006, D009	Non-hazardous, Liquid	N/A
D010	55-GAL POLY	85-GAL STEEL	D006, D010	Non-hazardous, Liquid	N/A
D011	10-GAL POLY	Original container	D006, D011	Non-hazardous, Liquid	N/A
D012	10-GAL POLY	Original container	D006, D012	Non-hazardous, Liquid	N/A
D013	10-GAL POLY	Original container	D006, D013	Non-hazardous, Liquid	N/A
D014	10-GAL POLY	Original container	D006, D014	Non-hazardous, Liquid	N/A
D015	10-GAL POLY	Original container	D006	Non-hazardous, Liquid	N/A

Notes:

GAL- Gallon

POLY- Polyethylene

N/A- Not Applicable

NS- Not sampled, MSDS provided

TABLE 5
US FINISHING/CONE MILLS
CONTAINERIZED WASTE RESULTS

Sample ID	RCRA - Maximum Allowable Levels	D001	D002/D003	D004	D006
Collection Date		8/10/2011	8/10/2011	8/10/2011	8/11/2011
Matrix		Waste	Waste	Waste	Waste
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample
TCLP VOC (mg/Kg)					
1,1-Dichloroethene	0.7	2.4 U	2.5 U	2.5 U	1.9 U
1,2-Dichloroethane	0.5	2.4 U	2.5 U	2.5 U	1.9 U
2-Butanone	200	24 U	25 U	25 U	19 U
Benzene	0.5	2.4 U	2.5 U	2.5 U	1.9 U
Carbon Tetrachloride	0.5	2.4 U	2.5 U	2.5 U	1.9 U
Chlorobenzene	100	2.4 U	2.5 U	2.5 U	1.9 U
Chloroform	6	2.4 U	2.5 U	2.5 U	1.9 U
Tetrachloroethene	0.7	2.4 U	2.5 U	2.5 U	1.9 U
Trichloroethene	0.5	2.4 U	2.5 U	2.5 U	1.9 U
Vinyl Chloride	0.2	4.8 U	5 U	5 U	3.8 U
TCLP SVOC (mg/Kg)					
1,4-Dichlorobenzene	7.5	98 U	95 U	480 U	480 U
2,4,5-Trichlorophenol	400	490 U	480 U	2400 U	2400 U
2,4,6-Trichlorophenol	2	98 U	95 U	480 U	480 U
2,4-Dinitrotoluene	0.13	98 U	95 U	480 U	480 U
Hexachlorobenzene	0.13	98 U	95 U	480 U	480 U
Hexachlorobutadiene	0.5	98 U	95 U	480 U	480 U
Hexachloroethane	3	98 U	95 U	480 U	480 U
m,p-Cresol	200	NS	NS	NS	NS
Nitrobenzene	2	98 U	95 U	480 U	480 U
o-Cresol	200	NS	NS	NS	NS
Pentachlorophenol	100	490 U	480 U	2400 U	2400 U
Pyridine	5	490 U	480 U	2400 U	2400 U
TCLP Metals (mg/Kg)					
Mercury	0.2	0.0986 U	0.004 U	0.0996 U	0.0963 U
Arsenic	5	9.6	0.99 U	0.99 U	0.99 U
Barium	100	0.99 U	13	0.99 U	0.99 U
Cadmium	1	0.50 U	0.49 U	0.49 U	0.49 U
Chromium	5	12,000	1.1	0.49 U	0.49 U
Lead	5	0.99 U	0.99 U	0.99 U	0.99 U
Selenium	1	0.99 U	0.99 U	0.99 U	0.99 U
Silver	5	0.50 U	0.49 U	0.49 U	0.49 U
TCLP Pesticides (mg/L)					
Chlordane	0.03	4.9 U	4.9 U	25 U	5.0 U
Endrin	0.02	0.097 U	0.097 U	0.49 U	0.099 U
gamma-BHC	0.4	0.049 U	0.049 U	0.25 U	0.050 U
Heptachlor	0.008	0.049 U	0.049 U	0.25 U	0.050 U
Heptachlor Epoxide	NL	0.049 U	0.049 U	0.25 U	0.050 U
Methoxychlor	10	0.49 U	0.49 U	2.5 U	0.50 U
Toxaphene	0.5	4.9 U	4.9 U	25 U	5.0 U
TCLP Herbicides (mg/L)					
2,4,5-TP (Silvex)	1	2 U	1.9 U	20 U	40 U
2,4-D	10	2 U	1.9 U	2 U	40 U
PCBs (ug/kg)					
Aroclor-1016	NL	0.97 U	NS	4.9 U	0.99 U
Aroclor-1221	NL	0.97 U	NS	4.9 U	0.99 U
Aroclor-1232	NL	0.97 U	NS	4.9 U	0.99 U
Aroclor-1242	NL	0.97 U	NS	4.9 U	0.99 U
Aroclor-1248	NL	0.97 U	NS	4.9 U	0.99 U
Aroclor-1254	NL	0.97 U	NS	4.9 U	0.99 U
Aroclor-1260	NL	0.97 U	NS	4.9 U	5.0 U
Ignitability (°F)					
Ignitability	< 140	> 180	> 180	> 180	180
Reactivity- Cyanide/Sulfide (mg/Kg)					
Cyanide, Reactive	250	0.990 U	0.980 U	0.952 U	0.971 U
Sulfide, Reactive	100 U	100 U	100 U	100 U	100 U
Corrosivity (pH units)					
pH	> 2, or < 12.5	5.27	8.56	6.78	4.37

Notes:

°F - Degrees Fahrenheit
mg/L - Milligrams per liter
mg/kg - Milligrams per kilogram
ug/kg - Micrograms per kilogram
NL - Not listed
NS - Not sampled
TCLP - Toxicity Characteristics Leaching Procedure
U - Not detected above laboratory reporting limit
> - Greater than
Bolded and Shaded - value exceeds the RCRA Level

TABLE 5
US FINISHING/CONE MILLS
CONTAINERIZED WASTE RESULTS

Sample ID	RCRA - Maximum Allowable Levels	D007	D008	D009	D010
Collection Date		8/11/2011	8/11/2011	8/11/2011	8/11/2011
Matrix		Waste	Waste	Waste	Waste
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample
TCLP VOC (mg/Kg)					
1,1-Dichloroethene	0.7	NS	NS	NS	NS
1,2-Dichloroethane	0.5	NS	NS	NS	NS
2-Butanone	200	NS	NS	NS	NS
Benzene	0.5	NS	NS	NS	NS
Carbon Tetrachloride	0.5	NS	NS	NS	NS
Chlorobenzene	100	NS	NS	NS	NS
Chloroform	6	NS	NS	NS	NS
Tetrachloroethene	0.7	NS	NS	NS	NS
Trichloroethene	0.5	NS	NS	NS	NS
Vinyl Chloride	0.2	NS	NS	NS	NS
TCLP SVOC (mg/Kg)					
1,4-Dichlorobenzene	7.5	NS	NS	NS	NS
2,4,5-Trichlorophenol	400	NS	NS	NS	NS
2,4,6-Trichlorophenol	2	NS	NS	NS	NS
2,4-Dinitrotoluene	0.13	NS	NS	NS	NS
Hexachlorobenzene	0.13	NS	NS	NS	NS
Hexachlorobutadiene	0.5	NS	NS	NS	NS
Hexachloroethane	3	NS	NS	NS	NS
m,p-Cresol	200	NS	NS	NS	NS
Nitrobenzene	2	NS	NS	NS	NS
o-Cresol	200	NS	NS	NS	NS
Pentachlorophenol	100	NS	NS	NS	NS
Pyridine	5	NS	NS	NS	NS
TCLP Metals (mg/Kg)					
Mercury	0.2	NS	NS	NS	NS
Arsenic	5	NS	NS	NS	NS
Barium	100	NS	NS	NS	NS
Cadmium	1	NS	NS	NS	NS
Chromium	5	NS	NS	NS	NS
Lead	5	NS	NS	NS	NS
Selenium	1	NS	NS	NS	NS
Silver	5	NS	NS	NS	NS
TCLP Pesticides (mg/L)					
Chlordane	0.03	NS	NS	NS	NS
Endrin	0.02	NS	NS	NS	NS
gamma-BHC	0.4	NS	NS	NS	NS
Heptachlor	0.008	NS	NS	NS	NS
Heptachlor Epoxide	NL	NS	NS	NS	NS
Methoxychlor	10	NS	NS	NS	NS
Toxaphene	0.5	NS	NS	NS	NS
TCLP Herbicides (mg/L)					
2,4,5-TP (Silvex)	1	NS	NS	NS	NS
2,4-D	10	NS	NS	NS	NS
PCBs (ug/kg)					
Aroclor-1016	NL	NS	NS	NS	NS
Aroclor-1221	NL	NS	NS	NS	NS
Aroclor-1232	NL	NS	NS	NS	NS
Aroclor-1242	NL	NS	NS	NS	NS
Aroclor-1248	NL	NS	NS	NS	NS
Aroclor-1254	NL	NS	NS	NS	NS
Aroclor-1260	NL	NS	NS	NS	NS
Ignitability (°F)					
Ignitability	< 140	NS	NS	NS	NS
Reactivity- Cyanide/Sulfide (mg/Kg)					
Cyanide, Reactive	250	NS	NS	NS	NS
Sulfide, Reactive	100 U	NS	NS	NS	NS
Corrosivity (pH units)					
pH	> 2, or < 12.5	4.39	4.37	4.25	4.32

Notes:

°F - Degrees Fahrenheit

mg/L - Milligrams per liter

mg/kg - Milligrams per kilogram

ug/kg - Micrograms per kilogram

NL - Not listed

NS - Not sampled

TCLP - Toxicity Characteristics Leaching Procedure

U - Not detected above laboratory reporting limit

> - Greater than

Bolded and Shaded - value exceeds the RCRA Level

TABLE 5
US FINISHING/CONE MILLS
CONTAINERIZED WASTE RESULTS

Sample ID	RCRA - Maximum Allowable Levels	D011	D012	D013	D014
Collection Date		8/11/2011	8/11/2011	8/11/2011	8/11/2011
Matrix		Waste	Waste	Waste	Waste
Sample Type		Field Sample	Field Sample	Field Sample	Field Sample
TCLP VOC (mg/Kg)					
1,1-Dichloroethene	0.7	NS	NS	NS	NS
1,2-Dichloroethane	0.5	NS	NS	NS	NS
2-Butanone	200	NS	NS	NS	NS
Benzene	0.5	NS	NS	NS	NS
Carbon Tetrachloride	0.5	NS	NS	NS	NS
Chlorobenzene	100	NS	NS	NS	NS
Chloroform	6	NS	NS	NS	NS
Tetrachloroethene	0.7	NS	NS	NS	NS
Trichloroethene	0.5	NS	NS	NS	NS
Vinyl Chloride	0.2	NS	NS	NS	NS
TCLP SVOC (mg/Kg)					
1,4-Dichlorobenzene	7.5	NS	NS	NS	NS
2,4,5-Trichlorophenol	400	NS	NS	NS	NS
2,4,6-Trichlorophenol	2	NS	NS	NS	NS
2,4-Dinitrotoluene	0.13	NS	NS	NS	NS
Hexachlorobenzene	0.13	NS	NS	NS	NS
Hexachlorobutadiene	0.5	NS	NS	NS	NS
Hexachloroethane	3	NS	NS	NS	NS
m,p-Cresol	200	NS	NS	NS	NS
Nitrobenzene	2	NS	NS	NS	NS
o-Cresol	200	NS	NS	NS	NS
Pentachlorophenol	100	NS	NS	NS	NS
Pyridine	5	NS	NS	NS	NS
TCLP Metals (mg/Kg)					
Mercury	0.2	NS	NS	NS	NS
Arsenic	5	NS	NS	NS	NS
Barium	100	NS	NS	NS	NS
Cadmium	1	NS	NS	NS	NS
Chromium	5	NS	NS	NS	NS
Lead	5	NS	NS	NS	NS
Selenium	1	NS	NS	NS	NS
Silver	5	NS	NS	NS	NS
TCLP Pesticides (mg/L)					
Chlordane	0.03	NS	NS	NS	NS
Endrin	0.02	NS	NS	NS	NS
gamma-BHC	0.4	NS	NS	NS	NS
Heptachlor	0.008	NS	NS	NS	NS
Heptachlor Epoxide	NL	NS	NS	NS	NS
Methoxychlor	10	NS	NS	NS	NS
Toxaphene	0.5	NS	NS	NS	NS
TCLP Herbicides (mg/L)					
2,4,5-TP (Silvex)	1	NS	NS	NS	NS
2,4-D	10	NS	NS	NS	NS
PCBs (ug/kg)					
Aroclor-1016	NL	NS	NS	NS	NS
Aroclor-1221	NL	NS	NS	NS	NS
Aroclor-1232	NL	NS	NS	NS	NS
Aroclor-1242	NL	NS	NS	NS	NS
Aroclor-1248	NL	NS	NS	NS	NS
Aroclor-1254	NL	NS	NS	NS	NS
Aroclor-1260	NL	NS	NS	NS	NS
Ignitability (°F)					
Ignitability	< 140	NS	NS	NS	NS
Reactivity- Cyanide/Sulfide (mg/Kg)					
Cyanide, Reactive	250	NS	NS	NS	NS
Sulfide, Reactive	100 U	NS	NS	NS	NS
Corrosivity (pH units)					
pH	> 2, or < 12.5	4.28	5	4.37	4.25

Notes:

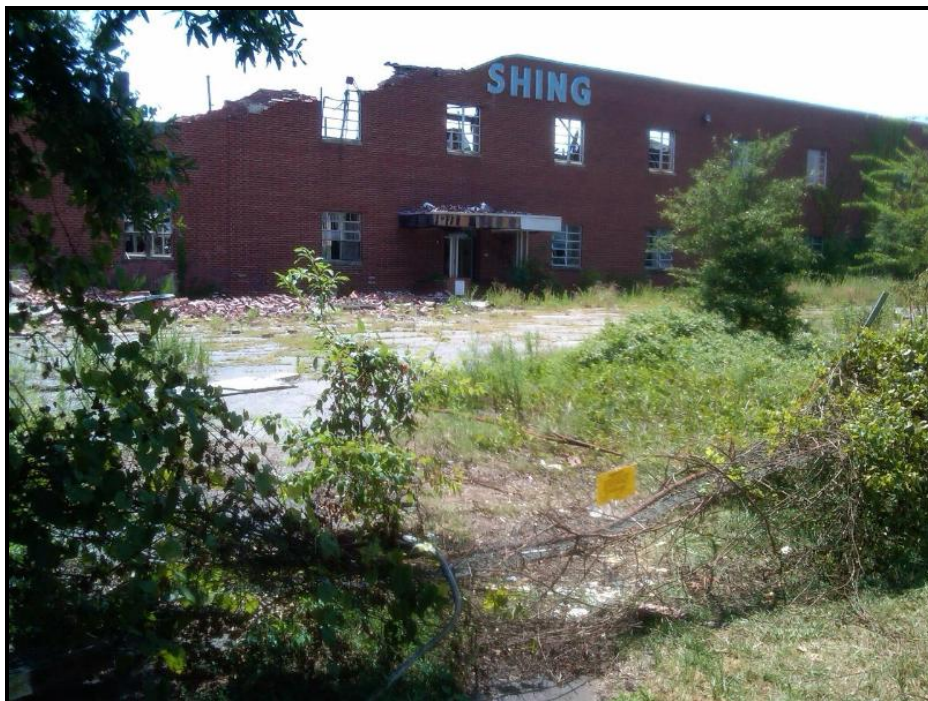
°F - Degrees Fahrenheit
mg/L - Milligrams per liter
mg/kg - Milligrams per kilogram
ug/kg - Micrograms per kilogram
NL - Not listed
NS - Not sampled
TCLP - Toxicity Characteristics Leaching Procedure
U - Not detected above laboratory reporting limit
> - Greater than
Bolded and Shaded - value exceeds the RCRA Level

ATTACHMENT C
PHOTOGRAPHIC LOG



Official Photograph No. 1

Site Name:	US Finishing Removal Investigation	Date:	August 10, 2011
Location:	Greenville, Greenville County, SC	TDD No:	TNA-05-003-0134
Photographer:	Adam Davis, START		
Subject:	Front of site; fallen fence with warning sign.		



Official Photograph No. 2

Site Name:	US Finishing Removal Investigation	Date:	August 10, 2011
Location:	Greenville, Greenville County, SC	TDD No:	TNA-05-003-0134
Photographer:	Adam Davis, START		
Subject:	Front of site; fallen fence with warning sign.		



Official Photograph No. 3

Site Name: US Finishing Removal Investigation **Date:** August 10, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Front door to main building, glass removed- obvious sign of trespass.



Official Photograph No. 4

Site Name: US Finishing Removal Investigation **Date:** August 10, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Interior wall on collapsed portion of main building with suspect lead based-paint and ACM.



Official Photograph No. 5

Site Name: US Finishing Removal Investigation **Date:** August 10, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Interior wall on collapsed portion of main building with suspect lead based paint and ACM.



Official Photograph No. 6

Site Name: US Finishing Removal Investigation **Date:** August 10, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Interior of main building, northeast portion, facing south, collapsed roof and debris in background.



Official Photograph No. 7

Site Name: US Finishing Removal Investigation **Date:** August 10, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Northeast portion of main building, facing south, burned debris piles (foreground left and background).



Official Photograph No. 8

Site Name: US Finishing Removal Investigation **Date:** August 10, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Interior of main building, facing southwest, burned debris pile (foreground left).



Official Photograph No. 9

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Northeast wall of main bldg., facing southeast, fallen brick pile from top half of wall.



Official Photograph No. 10

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Front of main bldg. as viewed from main entrance gate, facing southeast.



Official Photograph No. 11

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Danger-Unsafe for Occupancy sign on entrance gate to site.



Official Photograph No. 12

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Partial collapsed concrete roof, east side main bldg.



Official Photograph No. 13

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Suspect ACM on pipe, deteriorated and exposed to elements.



Official Photograph No. 14

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Pipe with suspect ACM remnants (powdery, white, chalky material).



Official Photograph No. 15

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Pipe wrap, suspect ACM roof of partially collapsed building, central east side of site.



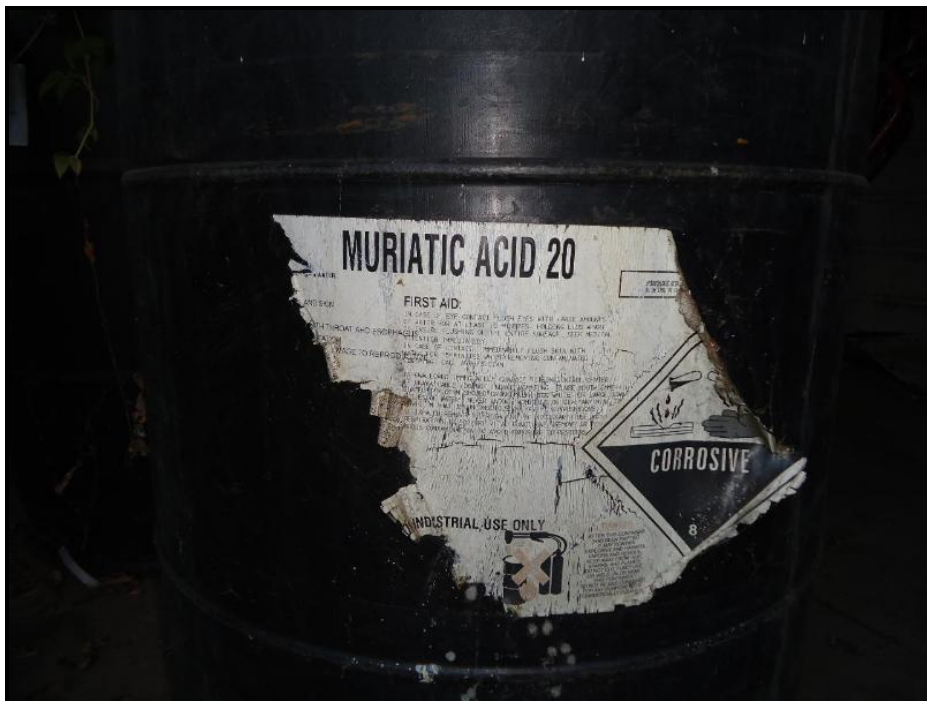
Official Photograph No. 16

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Abandoned drums of suspect environmentally hazardous liquids (UN 3082) in aeration control bldg.



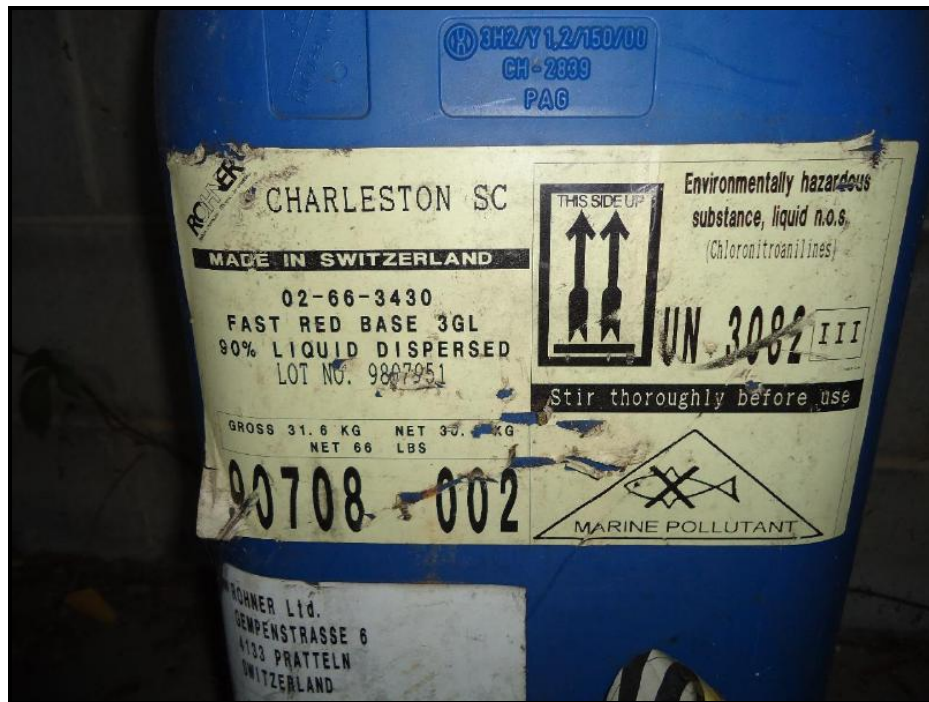
Official Photograph No. 17

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Drum sample collection for waste characterization.



Official Photograph No. 18

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Old label-drum of suspect environmentally hazardous liquids (UN 3082) in aeration control bldg.



Official Photograph No. 19

Site Name: US Finishing Removal Investigation **Date:** August 11, 2011
Location: Greenville, Greenville County, SC **TDD No:** TNA-05-003-0134
Photographer: Adam Davis, START
Subject: Label on 10-gallon tote of suspect environmentally hazardous liquids (UN 3082) in aeration control bldg.

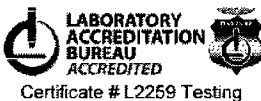
ATTACHMENT D
ANALYTICAL DATA REPORT



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Florida Division



TEST REPORT



Florida # E84207
Texas # T104704408-11-3
South Carolina # 96011001
North Dakota # R-178

California # 07253CA
Louisiana # 02025
Kansas # E-10385
Arkansas # 11-036-1

Customer Name: OTIE
Date and Time Received: 8/11/2011 9:00:00 AM
Date Reported: 8/25/2011
Laboratory Submission Number/SDG: 3503769
Project: US Finishing-Cone Mills/1330

The submission consisted of 9 samples with sample identification shown in the attached data tables.

The samples were analyzed for the methods listed on the attached table of contents. See the attached data tables for results.

Distribution of Report to:

OTIE

Attn: Russell Henderson

WorkPhone: 6783555550

Respectfully Submitted,

Brian Spann
Laboratory Director
Spectrum Analytical, Inc. FL Division

Soil samples are reported on dry weight basis, unless otherwise noted.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. Spectrum Analytical, Inc. letters and reports are for the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials. This report shall not be reproduced except in full without written approval from Spectrum Analytical, Inc.

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EXECUTIVE SUMMARY - Detection Highlights

3503769

SAMPLE ID: Trip Blank

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Acetone	5.30 JB	10	UG/L	SW8260B
Methylene chloride	7.20	5.0	UG/L	SW8260B

SAMPLE ID: USF-CM-001

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	98.4 J	100	UG/L	SW6010B
Arsenic	5.40 J	10.0	UG/L	SW6010B
Barium	30.5	10.0	UG/L	SW6010B
Calcium	6360	100	UG/L	SW6010B
Chromium	2.78 J	10.0	UG/L	SW6010B
Copper	4.63 J	10.0	UG/L	SW6010B
Iron	78.8	50.0	UG/L	SW6010B
Magnesium	5870	100	UG/L	SW6010B
Manganese	29.2	10.0	UG/L	SW6010B
Nickel	1.20 J	5.00	UG/L	SW6010B
Potassium	7240	500	UG/L	SW6010B
Sodium	161000	300	UG/L	SW6010B
Vanadium	17.3	10.0	UG/L	SW6010B
Zinc	12.1 J	20.0	UG/L	SW6010B
Acetone	10.8 B	10	UG/L	SW8260B
Carbon disulfide	0.560 JB	1.0	UG/L	SW8260B
Naphthalene	0.810 JB	5.0	UG/L	SW8260B
Toluene	0.270 J	1.0	UG/L	SW8260B
Bis(2-ethylhexyl)phthalat	13.4	5.2	UG/L	SW8270C

SAMPLE ID: USF-CM-002

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	99.2 J	100	UG/L	SW6010B
Antimony	3.52 J	10.0	UG/L	SW6010B
Arsenic	6.82 J	10.0	UG/L	SW6010B

EXECUTIVE SUMMARY - Detection Highlights

3503769

Barium	31.6	10.0	UG/L	SW6010B
Calcium	6640	100	UG/L	SW6010B
Chromium	2.72 J	10.0	UG/L	SW6010B
Copper	5.32 J	10.0	UG/L	SW6010B
Iron	76.0	50.0	UG/L	SW6010B
Magnesium	6120	100	UG/L	SW6010B
Manganese	30.0	10.0	UG/L	SW6010B
Nickel	1.58 J	5.00	UG/L	SW6010B
Potassium	7500	500	UG/L	SW6010B
Sodium	168000	300	UG/L	SW6010B
Vanadium	18.5	10.0	UG/L	SW6010B
Zinc	18.7 J	20.0	UG/L	SW6010B
Acetone	13.2 B	10	UG/L	SW8260B
Carbon disulfide	0.980 J	1.0	UG/L	SW8260B
Toluene	0.280 J	1.0	UG/L	SW8260B
Benzoic acid	29.9 J	52	UG/L	SW8270C

SAMPLE ID: USF-CM-003

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	173	100	UG/L	SW6010B
Antimony	3.98 J	10.0	UG/L	SW6010B
Arsenic	5.69 J	10.0	UG/L	SW6010B
Barium	31.2	10.0	UG/L	SW6010B
Calcium	6720	100	UG/L	SW6010B
Chromium	2.99 J	10.0	UG/L	SW6010B
Copper	4.60 J	10.0	UG/L	SW6010B
Iron	153	50.0	UG/L	SW6010B
Magnesium	6180	100	UG/L	SW6010B
Manganese	41.7	10.0	UG/L	SW6010B
Nickel	1.68 J	5.00	UG/L	SW6010B
Potassium	7400	500	UG/L	SW6010B
Sodium	164000	300	UG/L	SW6010B
Vanadium	17.4	10.0	UG/L	SW6010B
Zinc	7.66 J	20.0	UG/L	SW6010B
Acetone	10.0 B	10	UG/L	SW8260B
Carbon disulfide	0.350 JB	1.0	UG/L	SW8260B
Naphthalene	0.800 JB	5.0	UG/L	SW8260B
Toluene	0.360 J	1.0	UG/L	SW8260B

EXECUTIVE SUMMARY - Detection Highlights

3503769

SAMPLE ID: USF-CM-004

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	255	100	UG/L	SW6010B
Arsenic	5.31 J	10.0	UG/L	SW6010B
Barium	33.3	10.0	UG/L	SW6010B
Calcium	6760	100	UG/L	SW6010B
Chromium	2.89 J	10.0	UG/L	SW6010B
Copper	5.34 J	10.0	UG/L	SW6010B
Iron	211	50.0	UG/L	SW6010B
Magnesium	6120	100	UG/L	SW6010B
Manganese	33.7	10.0	UG/L	SW6010B
Nickel	1.56 J	5.00	UG/L	SW6010B
Potassium	7660	500	UG/L	SW6010B
Sodium	170000	300	UG/L	SW6010B
Vanadium	21.2	10.0	UG/L	SW6010B
Zinc	9.89 J	20.0	UG/L	SW6010B
Acetone	15.5 B	10	UG/L	SW8260B
Carbon disulfide	0.220 JB	1.0	UG/L	SW8260B
Naphthalene	0.810 JB	5.0	UG/L	SW8260B
Toluene	0.270 J	1.0	UG/L	SW8260B
Benzoic acid	96.5	51	UG/L	SW8270C

SAMPLE ID: USF-CM-005

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	190	100	UG/L	SW6010B
Barium	29.9	10.0	UG/L	SW6010B
Calcium	1590	100	UG/L	SW6010B
Chromium	0.846 J	10.0	UG/L	SW6010B
Cobalt	1.07 J	10.0	UG/L	SW6010B
Copper	6.50 J	10.0	UG/L	SW6010B
Iron	921	50.0	UG/L	SW6010B
Magnesium	610	100	UG/L	SW6010B
Manganese	269	10.0	UG/L	SW6010B
Potassium	2200	500	UG/L	SW6010B

EXECUTIVE SUMMARY - Detection Highlights

3503769

Sodium	2570	300	UG/L	SW6010B
Vanadium	1.23 J	10.0	UG/L	SW6010B
Zinc	14.3 J	20.0	UG/L	SW6010B
Acetone	2.80 JB	10	UG/L	SW8260B
Carbon disulfide	0.220 JB	1.0	UG/L	SW8260B
Bis(2-ethylhexyl)phthalat	57.5	5.1	UG/L	SW8270C
Di-n-butylphthalate	1.60 J	4.1	UG/L	SW8270C

SAMPLE ID: USF-CM-006

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aluminum	112	100	UG/L	SW6010B
Barium	30.3	10.0	UG/L	SW6010B
Calcium	20000	100	UG/L	SW6010B
Chromium	1.28 J	10.0	UG/L	SW6010B
Copper	39.6	10.0	UG/L	SW6010B
Iron	203	50.0	UG/L	SW6010B
Lead	9.93 J	15.0	UG/L	SW6010B
Magnesium	2050	100	UG/L	SW6010B
Manganese	99.2	10.0	UG/L	SW6010B
Potassium	4990	500	UG/L	SW6010B
Sodium	4160	300	UG/L	SW6010B
Zinc	7.17 J	20.0	UG/L	SW6010B
Acetone	5.60 JB	10	UG/L	SW8260B
Benzoic acid	17.4 J	52	UG/L	SW8270C
Bis(2-ethylhexyl)phthalat	33.9	5.2	UG/L	SW8270C
Di-n-butylphthalate	5.60	4.2	UG/L	SW8270C

SAMPLE ID: USF-CM-paint-02

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Lead	35800	73.9	MG/KG	SW6010B

EXECUTIVE SUMMARY - Detection Highlights

3503769

SAMPLE ID: USF-CM-wpaint-01

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Lead	641 E	1.55	MG/KG	SW6010B

Organics

Organic Data Qualifiers

- U** Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.
- J** Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.
- B** Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.
- E** Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.
- D** Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.
- C** The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.
- P** This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.
- N** This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.
- A** This qualifier indicates that a TIC is a suspected aldol-condensation product.
- X** Data flagged as rejected by analyst utilizing analytical judgement.

Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

- DL** Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.
- R** Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.
- RE** Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.
- MS** Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).
- SD** Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

Method 8260 Volatile Organics

**CASE NARRATIVE
GC/MS VOLATILE ORGANICS**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA 8260B/SW846

IV. PREPARATION

Water samples were prepared by SW846/5030 for EPA8260B volatiles analysis. All aspects of sample preparation proceeded without exception.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met. Please note that:

Blank 081811BLK52 was analyzed with the water samples on 08/18/11. The following analyte(s) were detected below RL: 1,2,3-Trichlorobenzene at 0.18 ug/L, 1,4-Dichlorobenzene at 0.21 ug/L, Acetone at 2.7 ug/L, Carbon disulfide at 0.28 ug/L, Naphthalene at 0.86 ug/L.

Blank 082011BLK62 was analyzed with the water samples on 08/20/11. The following analyte(s) were detected below RL: 1,2,3-Trichlorobenzene at 0.54 ug/L, 1,2,4-Trichlorobenzene at 0.51 ug/L, 1,3-Dichlorobenzene at 0.18 ug/L, 1,4-Dichlorobenzene at 0.24 ug/L, Acetone at 1.7 ug/L, n-Butylbenzene at 0.24 ug/L.

No further action was necessary, since the detected hits are below the RL. Samples coded accordingly.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample USF-CM-002 was recovered above criteria for the following surrogate(s): Toluene-d8 at 122 % with criteria of (89-121).

**CASE NARRATIVE
GC/MS VOLATILE ORGANICS**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

This sample originally ran with poor QC and could not be reported. This is the analysis from the remaining vial left. No further action could be taken. Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met. Please note that:

LCS 082011LCS61D was analyzed with the water samples on 08/20/11. All percent recovery criteria were met. The following analyte(s) exceeded RPD criteria: Vinyl acetate at 25.1 % with criteria of (20).

No further action was required, since recoveries were met. Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Signature: 
Name: Lisa Pêlo Title: VOA Manager

SIGNED:

DATE: 08/25/2011

VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330
Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Method: 8260

EPA Sample No

Lab Sample ID

USF-CM-001	350376901
USF-CM-002	350376902
USF-CM-003	350376903
USF-CM-004	350376904
USF-CM-005	350376905
USF-CM-006	350376906
Trip Blank	350376909

8260 Sample Data

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-001

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 769-01.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1421

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	0.56	JB	0.19	1
75-09-2	Methylene chloride	5	U	0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	10.8	B	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-001

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 769-01.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1421

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
74-95-3	Dibromomethane	1	U	0.4	1
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	0.27	J	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-001

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 769-01.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1421

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	3	U	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	1	U	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	1	U	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	0.81	JB	0.5	5
87-61-6	1,2,3-Trichlorobenzene	2	U	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1359

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	0.98	J	0.19	1
75-09-2	Methylene chloride	5	U	0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	13.2	B	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902.DSample wt/vol: 5 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 5 Date Extracted: Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1359PercentSolids: 0 decanted : Dilution Factor: 1Extraction: PURGETRAP Station ID: Method: 8260GPC Cleanup : (Y/N) pH: Column(1): DB-624 ID: 0.18 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
74-95-3	Dibromomethane	1	U	0.4	1
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	0.28	J	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902.DSample wt/vol: 5 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 5 Date Extracted: Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1359PercentSolids: 0 decanted : Dilution Factor: 1Extraction: PURGETRAP Station ID: Method: 8260GPC Cleanup : (Y/N) pH: Column(1): DB-624 ID: 0.18 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	3	U	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	1	U	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	1	U	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	5	U	0.5	5
87-61-6	1,2,3-Trichlorobenzene	2	U	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-003

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 769-03.DSample wt/vol: 5 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 5 Date Extracted: Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1516PercentSolids: 0 decanted : Dilution Factor: 1Extraction: PURGETRAP Station ID: Method: 8260GPC Cleanup : (Y/N) pH: Column(1): DB-624 ID: 0.18 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	0.35	JB	0.19	1
75-09-2	Methylene chloride	5	U	0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	10	B	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-003

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 769-03.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1516

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
74-95-3	Dibromomethane	1	U	0.4	1
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	0.36	J	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-003

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 769-03.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1516

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	3	U	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	1	U	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	1	U	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	0.8	JB	0.5	5
87-61-6	1,2,3-Trichlorobenzene	2	U	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 769-04.DSample wt/vol: 5 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 5 Date Extracted: Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1543PercentSolids: 0 decanted : Dilution Factor: 1Extraction: PURGETRAP Station ID: Method: 8260GPC Cleanup : (Y/N) pH: Column(1): DB-624 ID: 0.18 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	0.22	JB	0.19	1
75-09-2	Methylene chloride	5	U	0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	15.5	B	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 769-04.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1543

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
74-95-3	Dibromomethane	1	U	0.4	1
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	0.27	J	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 769-04.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1543

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	3	U	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	1	U	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	1	U	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	0.81	JB	0.5	5
87-61-6	1,2,3-Trichlorobenzene	2	U	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-005

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 769-05.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1611

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	0.22	JB	0.19	1
75-09-2	Methylene chloride	5	U	0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	2.8	JB	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-005

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 769-05.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1611

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
74-95-3	Dibromomethane	1	U	0.4	1
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	1	U	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-005

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 769-05.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1611

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	3	U	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	1	U	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	1	U	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	5	U	0.5	5
87-61-6	1,2,3-Trichlorobenzene	2	U	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 769-06.DSample wt/vol: 5 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 5 Date Extracted: Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1639PercentSolids: 0 decanted : Dilution Factor: 1Extraction: PURGETRAP Station ID: Method: 8260GPC Cleanup : (Y/N) pH: Column(1): DB-624 ID: 0.18 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	1	U	0.19	1
75-09-2	Methylene chloride	5	U	0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	5.6	JB	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 769-06.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1639

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
74-95-3	Dibromomethane	1	U	0.4	1
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	1	U	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 769-06.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1639

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	3	U	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	1	U	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	1	U	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	5	U	0.5	5
87-61-6	1,2,3-Trichlorobenzene	2	U	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 Trip Blank

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376909 Lab File ID: 76909.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1334

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	1	U	0.19	1
75-09-2	Methylene chloride	7.2		0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	5.3	JB	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 Trip Blank

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376909 Lab File ID: 76909.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1334

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
74-95-3	Dibromomethane	1	U	0.4	1
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	1	U	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 Trip Blank

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376909 Lab File ID: 76909.D

Sample wt/vol: 5 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1334

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	3	U	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	1	U	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	1	U	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	5	U	0.5	5
87-61-6	1,2,3-Trichlorobenzene	2	U	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

8260 QC Summary

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 081811BLK52

Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769

Matrix: WATER Lab Sample ID: 081811BLK52 Lab File ID: BLK52.D

Sample wt/vol: 5 Units: ML Date Received: 08/18/11

Concentrated Extract Volume: 5 Date Extracted: _____

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1107

PercentSolids: 0 decanted : (_____ Dilution Factor: 1

Extraction: PURGETRAP Station ID: _____ Method: 8260

GPC Cleanup : (Y/N) _____ pH: _____

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	0.28	J	0.19	1
75-09-2	Methylene chloride	5	U	0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	2.7	J	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1
74-95-3	Dibromomethane	1	U	0.4	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 081811BLK52

Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769

Matrix: WATER Lab Sample ID: 081811BLK52 Lab File ID: BLK52.D

Sample wt/vol: 5 Units: ML Date Received: 08/18/11

Concentrated Extract Volume: 5 Date Extracted: _____

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1107

PercentSolids: 0 decanted : (_____) Dilution Factor: 1

Extraction: PURGETRAP Station ID: _____ Method: 8260

GPC Cleanup : (Y/N) _____ pH: _____

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	1	U	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 081811BLK52

Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769

Matrix: WATER Lab Sample ID: 081811BLK52 Lab File ID: BLK52.D

Sample wt/vol: 5 Units: ML Date Received: 08/18/11

Concentrated Extract Volume: 5 Date Extracted: _____

Level:(low/med) LOW Date Analyzed: 08/18/11 Time: 1107

PercentSolids: 0 decanted : (_____ Dilution Factor: 1

Extraction: PURGETRAP Station ID: _____ Method: 8260

GPC Cleanup : (Y/N) _____ pH: _____

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	0.21	J	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	1	U	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	1	U	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	0.86	J	0.5	5
87-61-6	1,2,3-Trichlorobenzene	0.18	J	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 082011BLK62

Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769

Matrix: WATER Lab Sample ID: 082011BLK62 Lab File ID: BLK62.D

Sample wt/vol: 5 Units: ML Date Received: 08/20/11

Concentrated Extract Volume: 5 Date Extracted: _____

Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1006

PercentSolids: 0 decanted : (_____ Dilution Factor: 1

Extraction: PURGETRAP Station ID: _____ Method: 8260

GPC Cleanup : (Y/N) _____ pH: _____

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-71-8	Dichlorodifluoromethane	1	U	0.17	1
74-87-3	Chloromethane	1	U	0.32	1
75-01-4	Vinyl chloride	1	U	0.18	1
74-83-9	Bromomethane	1	U	0.43	1
75-00-3	Chloroethane	1	U	0.72	1
75-69-4	Trichlorofluoromethane	1	U	0.4	1
75-35-4	1,1-Dichloroethene	0.5	U	0.19	0.5
74-88-4	Methyl iodide	1	U	0.74	1
75-15-0	Carbon disulfide	1	U	0.19	1
75-09-2	Methylene chloride	5	U	0.66	5
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.33	0.5
75-34-3	1,1-Dichloroethane	1	U	0.15	1
67-64-1	Acetone	1.7	J	1.3	10
594-20-7	2,2-Dichloropropane	1	U	0.6	1
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.19	0.5
74-97-5	Bromochloromethane	1	U	0.17	1
78-93-3	2-Butanone	4	U	2	4
67-66-3	Chloroform	0.5	U	0.16	0.5
71-55-6	1,1,1-Trichloroethane	1	U	0.14	1
56-23-5	Carbon tetrachloride	0.5	U	0.14	0.5
563-58-6	1,1-Dichloropropene	1	U	0.3	1
71-43-2	Benzene	0.5	U	0.17	0.5
107-06-2	1,2-Dichloroethane	0.5	U	0.15	0.5
79-01-6	Trichloroethene	0.5	U	0.19	0.5
108-05-4	Vinyl acetate	1	U	0.18	1
78-87-5	1,2-Dichloropropane	1	U	0.15	1
74-95-3	Dibromomethane	1	U	0.4	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 082011BLK62

Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769

Matrix: WATER Lab Sample ID: 082011BLK62 Lab File ID: BLK62.D

Sample wt/vol: 5 Units: ML Date Received: 08/20/11

Concentrated Extract Volume: 5 Date Extracted: _____

Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1006

PercentSolids: 0 decanted : (_____ Dilution Factor: 1

Extraction: PURGETRAP Station ID: _____ Method: 8260

GPC Cleanup : (Y/N) _____ pH: _____

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-27-4	Bromodichloromethane	0.5	U	0.15	0.5
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1
108-10-1	4-Methyl-2-pentanone	4	U	1	4
108-88-3	Toluene	1	U	0.14	1
10061-02-6	trans-1,3-Dichloropropene	1	U	0.3	1
79-00-5	1,1,2-Trichloroethane	1	U	0.2	1
127-18-4	Tetrachloroethene	0.5	U	0.21	0.5
142-28-9	1,3-Dichloropropane	0.4	U	0.3	0.4
591-78-6	2-Hexanone	4	U	0.48	4
124-48-1	Dibromochloromethane	0.2	U	0.13	0.2
106-93-4	1,2-Dibromoethane	1	U	0.11	1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U	0.14	0.5
100-41-4	Ethylbenzene	0.5	U	0.22	0.5
179601-23-1	m,p-Xylene	0.4	U	0.23	0.4
95-47-6	o-Xylene	0.5	U	0.5	0.5
100-42-5	Styrene	1	U	0.12	1
75-25-2	Bromoform	1	U	0.19	1
98-82-8	Isopropylbenzene	0.5	U	0.14	0.5
108-86-1	Bromobenzene	1	U	0.21	1
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.13	1
96-18-4	1,2,3-Trichloropropane	1	U	0.35	1
103-65-1	n-Propylbenzene	1	U	0.14	1
95-49-8	2-Chlorotoluene	1	U	0.25	1
106-43-4	4-Chlorotoluene	1	U	0.15	1
108-67-8	1,3,5-Trimethylbenzene	1	U	0.14	1
98-06-6	tert-Butylbenzene	1	U	0.2	1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 082011BLK62

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 082011BLK62 Lab File ID: BLK62.D

Sample wt/vol: 5 Units: ML Date Received: 08/20/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 08/20/11 Time: 1006

PercentSolids: 0 decanted : (Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
95-63-6	1,2,4-Trimethylbenzene	1	U	0.13	1
135-98-8	sec-Butylbenzene	1	U	0.1	1
541-73-1	1,3-Dichlorobenzene	0.18	J	0.15	2
106-46-7	1,4-Dichlorobenzene	0.24	J	0.15	3
99-87-6	4-Isopropyltoluene	1	U	0.14	1
104-51-8	n-Butylbenzene	0.24	J	0.16	1
95-50-1	1,2-Dichlorobenzene	1	U	0.25	1
96-12-8	1,2-Dibromo-3-chloropropane	2	U	1	2
120-82-1	1,2,4-Trichlorobenzene	0.51	J	0.4	1
87-68-3	Hexachlorobutadiene	0.5	U	0.36	0.5
91-20-3	Naphthalene	5	U	0.5	5
87-61-6	1,2,3-Trichlorobenzene	0.54	J	0.16	2
1634-04-4	Methyl tert-butyl ether	1	U	0.5	1

2A

WATER VOLATILE ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code : PEL Case No. SAS No: SDG NO.: 3503769Column(1): DB-624 ID: 0.18 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
081811BLK52	100.0	108.0	107.0	100.0			0
081811LCS51	102.0	102.0	102.0	100.0			0
081811LCSD51	98.4	99.6	96.0	92.4			0
082011BLK62	100.0	93.6	112.0	99.2			0
082011LCS61	97.2	104.0	100.0	96.4			0
082011LCS61D	104.0	102.0	107.0	101.0			0
Trip Blank	113.0	104.0	102.0	111.0			0
USF-CM-001	109.0	106.0	104.0	106.0			0
USF-CM-002	113.0	122.0 *	106.0	117.0			1
USF-CM-003	111.0	108.0	103.0	103.0			0
USF-CM-004	109.0	107.0	103.0	105.0			0
USF-CM-005	106.0	106.0	101.0	101.0			0
USF-CM-006	109.0	109.0	104.0	99.6			0

Control Limits

S1 = Dibromofluoromethane 83 - 128
 S2 = Toluene-d8 89 - 121
 S3 = 4-Bromofluorobenzene 85 - 115
 S4 = 1,2-Dichloroethane-d4 89 - 123

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Form II

250811 1552

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

081811LCS51

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	20	21.4	107.0		20.0	58 - 147
Chloromethane	20	18.2	91.0		20.0	66 - 147
Vinyl chloride	20	19	95.0		20.0	72 - 134
Bromomethane	20	19.5	97.5		20.0	52 - 145
Chloroethane	20	17.5	87.5		20.0	78 - 133
Trichlorofluoromethane	20	19.7	98.5		20.0	81 - 132
1,1-Dichloroethene	20	20.8	104.0		20.0	81 - 121
Methyl iodide	20	19	95.0		20.0	45 - 143
Carbon disulfide	20	20.5	102.0		20.0	73 - 133
Methylene chloride	20	20.3	102.0		20.0	79 - 133
trans-1,2-Dichloroethene	20	20.2	101.0		20.0	82 - 116
1,1-Dichloroethane	20	19.8	99.0		20.0	84 - 122
Acetone	40	61.4	154.0		20.0	51 - 170
2,2-Dichloropropane	20	22.3	112.0		20.0	84 - 122
cis-1,2-Dichloroethene	20	19.5	97.5		20.0	86 - 115
Bromochloromethane	20	20.5	102.0		20.0	81 - 123
2-Butanone	40	54.6	136.0		20.0	62 - 167
Chloroform	20	20.2	101.0		20.0	81 - 120
1,1,1-Trichloroethane	20	21.2	106.0		20.0	80 - 120
Carbon tetrachloride	20	22.3	112.0		20.0	82 - 120
1,1-Dichloropropene	20	21	105.0		20.0	80 - 122
Benzene	20	20.1	100.0		20.0	82 - 123
1,2-Dichloroethane	20	19.8	99.0		20.0	75 - 126
Trichloroethene	20	20.8	104.0		20.0	80 - 112
Vinyl acetate	20	18.2	91.0		20.0	75 - 135
1,2-Dichloropropane	20	20.3	102.0		20.0	86 - 122
Dibromomethane	20	19.9	99.5		20.0	84 - 117
Bromodichloromethane	20	20.8	104.0		20.0	82 - 120
cis-1,3-Dichloropropene	20	21.2	106.0		20.0	80 - 121
4-Methyl-2-pentanone	40	40.2	100.0		20.0	74 - 136
Toluene	20	20.6	103.0		20.0	80 - 116
trans-1,3-Dichloropropene	20	21	105.0		20.0	77 - 121

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

081811LCS51

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
1,1,2-Trichloroethane	20	20.2	101.0		20.0	84 - 119
Tetrachloroethene	20	21.1	106.0		20.0	84 - 115
1,3-Dichloropropane	20	19.9	99.5		20.0	73 - 129
2-Hexanone	40	53.8	134.0		20.0	66 - 150
Dibromochloromethane	20	21.4	107.0		20.0	75 - 117
1,2-Dibromoethane	20	20.3	102.0		20.0	79 - 119
Chlorobenzene	20	20.1	100.0		20.0	82 - 114
1,1,1,2-Tetrachloroethane	20	20.8	104.0		20.0	81 - 116
Ethylbenzene	20	20.9	104.0		20.0	82 - 119
m,p-Xylene	40	41.6	104.0		20.0	81 - 124
o-Xylene	20	21.2	106.0		20.0	83 - 121
Styrene	20	21.7	108.0		20.0	84 - 122
Bromoform	20	21.6	108.0		20.0	65 - 118
Isopropylbenzene	20	21.7	108.0		20.0	81 - 124
Bromobenzene	20	21	105.0		20.0	82 - 118
1,1,2,2-Tetrachloroethane	20	19.9	99.5		20.0	71 - 122
1,2,3-Trichloropropane	20	19.8	99.0		20.0	74 - 122
n-Propylbenzene	20	21.4	107.0		20.0	81 - 130
2-Chlorotoluene	20	20.8	104.0		20.0	81 - 121
4-Chlorotoluene	20	21.1	106.0		20.0	80 - 123
1,3,5-Trimethylbenzene	20	21	105.0		20.0	82 - 124
tert-Butylbenzene	20	21.5	108.0		20.0	76 - 128
1,2,4-Trimethylbenzene	20	21	105.0		20.0	83 - 123
sec-Butylbenzene	20	21.7	108.0		20.0	79 - 131
1,3-Dichlorobenzene	20	20	100.0		20.0	80 - 114
1,4-Dichlorobenzene	20	19.3	96.5		20.0	79 - 113
4-Isopropyltoluene	20	21.4	107.0		20.0	81 - 129
n-Butylbenzene	20	22	110.0		20.0	78 - 134
1,2-Dichlorobenzene	20	20.2	101.0		20.0	80 - 114
1,2-Dibromo-3-chloropropane	20	21.6	108.0		20.0	64 - 124
1,2,4-Trichlorobenzene	20	21.3	106.0		20.0	74 - 121
Hexachlorobutadiene	20	21.2	106.0		20.0	76 - 127

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

081811LCS51

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Naphthalene	20	21.6	108.0		20.0	65 - 135
1,2,3-Trichlorobenzene	20	22.1	110.0		20.0	67 - 126
Methyl tert-butyl ether	20	20.8	104.0		20.0	67 - 147

Spike Recovery: 0 out of 67 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

081811LCSD51

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	20	22.3	112.0	4.1	20.0	58 - 147
Chloromethane	20	18.5	92.5	1.6	20.0	66 - 147
Vinyl chloride	20	19.3	96.5	1.6	20.0	72 - 134
Bromomethane	20	20.6	103.0	5.5	20.0	52 - 145
Chloroethane	20	18.3	91.5	4.5	20.0	78 - 133
Trichlorofluoromethane	20	21.2	106.0	7.3	20.0	81 - 132
1,1-Dichloroethene	20	20.8	104.0	0.0	20.0	81 - 121
Methyl iodide	20	18.4	92.0	3.2	20.0	45 - 143
Carbon disulfide	20	21.4	107.0	4.3	20.0	73 - 133
Methylene chloride	20	21.3	106.0	4.8	20.0	79 - 133
trans-1,2-Dichloroethene	20	21.6	108.0	6.7	20.0	82 - 116
1,1-Dichloroethane	20	22.2	111.0	11.4	20.0	84 - 122
Acetone	40	59.6	149.0	3.0	20.0	51 - 170
2,2-Dichloropropane	20	23.7	118.0	6.1	20.0	84 - 122
cis-1,2-Dichloroethene	20	21	105.0	7.4	20.0	86 - 115
Bromochloromethane	20	19.5	97.5	5.0	20.0	81 - 123
2-Butanone	40	55.5	139.0	1.6	20.0	62 - 167
Chloroform	20	21.4	107.0	5.8	20.0	81 - 120
1,1,1-Trichloroethane	20	22.9	114.0	7.7	20.0	80 - 120
Carbon tetrachloride	20	23.3	116.0	4.4	20.0	82 - 120
1,1-Dichloropropene	20	22	110.0	4.7	20.0	80 - 122
Benzene	20	21.2	106.0	5.3	20.0	82 - 123
1,2-Dichloroethane	20	21.1	106.0	6.4	20.0	75 - 126
Trichloroethene	20	22.2	111.0	6.5	20.0	80 - 112
Vinyl acetate	20	20.7	104.0	12.9	20.0	75 - 135
1,2-Dichloropropane	20	21.3	106.0	4.8	20.0	86 - 122
Dibromomethane	20	19.3	96.5	3.1	20.0	84 - 117
Bromodichloromethane	20	22.1	110.0	6.1	20.0	82 - 120
cis-1,3-Dichloropropene	20	22.8	114.0	7.3	20.0	80 - 121
4-Methyl-2-pentanone	40	41.2	103.0	2.5	20.0	74 - 136
Toluene	20	22.3	112.0	7.9	20.0	80 - 116
trans-1,3-Dichloropropene	20	23.1	116.0	9.5	20.0	77 - 121

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

081811LCSD51

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
1,1,2-Trichloroethane	20	21.7	108.0	7.2	20.0	84 - 119
Tetrachloroethene	20	22.2	111.0	5.1	20.0	84 - 115
1,3-Dichloropropane	20	20.6	103.0	3.5	20.0	73 - 129
2-Hexanone	40	51.4	128.0	4.6	20.0	66 - 150
Dibromochloromethane	20	22.2	111.0	3.7	20.0	75 - 117
1,2-Dibromoethane	20	20.6	103.0	1.5	20.0	79 - 119
Chlorobenzene	20	21	105.0	4.4	20.0	82 - 114
1,1,1,2-Tetrachloroethane	20	22.1	110.0	6.1	20.0	81 - 116
Ethylbenzene	20	22	110.0	5.1	20.0	82 - 119
m,p-Xylene	40	43.7	109.0	4.9	20.0	81 - 124
o-Xylene	20	21.9	110.0	3.2	20.0	83 - 121
Styrene	20	22.1	110.0	1.8	20.0	84 - 122
Bromoform	20	21.8	109.0	0.9	20.0	65 - 118
Isopropylbenzene	20	23	115.0	5.8	20.0	81 - 124
Bromobenzene	20	21.7	108.0	3.3	20.0	82 - 118
1,1,2,2-Tetrachloroethane	20	20.7	104.0	3.9	20.0	71 - 122
1,2,3-Trichloropropane	20	20.9	104.0	5.4	20.0	74 - 122
n-Propylbenzene	20	22.8	114.0	6.3	20.0	81 - 130
2-Chlorotoluene	20	21.9	110.0	5.2	20.0	81 - 121
4-Chlorotoluene	20	22.3	112.0	5.5	20.0	80 - 123
1,3,5-Trimethylbenzene	20	22.6	113.0	7.3	20.0	82 - 124
tert-Butylbenzene	20	22.7	114.0	5.4	20.0	76 - 128
1,2,4-Trimethylbenzene	20	22.2	111.0	5.6	20.0	83 - 123
sec-Butylbenzene	20	23.1	116.0	6.2	20.0	79 - 131
1,3-Dichlorobenzene	20	21.3	106.0	6.3	20.0	80 - 114
1,4-Dichlorobenzene	20	20.3	102.0	5.1	20.0	79 - 113
4-Isopropyltoluene	20	22.6	113.0	5.5	20.0	81 - 129
n-Butylbenzene	20	23.3	116.0	5.7	20.0	78 - 134
1,2-Dichlorobenzene	20	21.1	106.0	4.4	20.0	80 - 114
1,2-Dibromo-3-chloropropane	20	21	105.0	2.8	20.0	64 - 124
1,2,4-Trichlorobenzene	20	23.2	116.0	8.5	20.0	74 - 121
Hexachlorobutadiene	20	22.6	113.0	6.4	20.0	76 - 127

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

081811LCSD51

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Naphthalene	20	22	110.0	1.8	20.0	65 - 135
1,2,3-Trichlorobenzene	20	22.2	111.0	0.5	20.0	67 - 126
Methyl tert-butyl ether	20	21.8	109.0	4.7	20.0	67 - 147

Spike Recovery: 0 out of 67 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

082011LCS61

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	20	19.1	95.5		20.0	58 - 147
Chloromethane	20	20.1	100.0		20.0	66 - 147
Vinyl chloride	20	20.1	100.0		20.0	72 - 134
Bromomethane	20	17.8	89.0		20.0	52 - 145
Chloroethane	20	21.2	106.0		20.0	78 - 133
Trichlorofluoromethane	20	20.2	101.0		20.0	81 - 132
1,1-Dichloroethene	20	19.4	97.0		20.0	81 - 121
Methyl iodide	20	18	90.0		20.0	45 - 143
Carbon disulfide	20	18.6	93.0		20.0	73 - 133
Methylene chloride	20	19.2	96.0		20.0	79 - 133
trans-1,2-Dichloroethene	20	20.9	104.0		20.0	82 - 116
1,1-Dichloroethane	20	22	110.0		20.0	84 - 122
Acetone	40	29.7	74.2		20.0	51 - 170
2,2-Dichloropropane	20	19.3	96.5		20.0	84 - 122
cis-1,2-Dichloroethene	20	20.2	101.0		20.0	86 - 115
Bromochloromethane	20	21.4	107.0		20.0	81 - 123
2-Butanone	40	35.5	88.8		20.0	62 - 167
Chloroform	20	19.6	98.0		20.0	81 - 120
1,1,1-Trichloroethane	20	21.2	106.0		20.0	80 - 120
Carbon tetrachloride	20	19.9	99.5		20.0	82 - 120
1,1-Dichloropropene	20	20.9	104.0		20.0	80 - 122
Benzene	20	18.9	94.5		20.0	82 - 123
1,2-Dichloroethane	20	19.6	98.0		20.0	75 - 126
Trichloroethene	20	19.1	95.5		20.0	80 - 112
Vinyl acetate	20	22.4	112.0		20.0	75 - 135
1,2-Dichloropropane	20	19.7	98.5		20.0	86 - 122
Dibromomethane	20	19.8	99.0		20.0	84 - 117
Bromodichloromethane	20	19	95.0		20.0	82 - 120
cis-1,3-Dichloropropene	20	19.4	97.0		20.0	80 - 121
4-Methyl-2-pentanone	40	40.6	102.0		20.0	74 - 136
Toluene	20	21.8	109.0		20.0	80 - 116
trans-1,3-Dichloropropene	20	19.4	97.0		20.0	77 - 121

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

082011LCS61

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
1,1,2-Trichloroethane	20	20	100.0		20.0	84 - 119
Tetrachloroethene	20	21.1	106.0		20.0	84 - 115
1,3-Dichloropropane	20	19.8	99.0		20.0	73 - 129
2-Hexanone	40	34.1	85.2		20.0	66 - 150
Dibromochloromethane	20	20.2	101.0		20.0	75 - 117
1,2-Dibromoethane	20	21	105.0		20.0	79 - 119
Chlorobenzene	20	19.7	98.5		20.0	82 - 114
1,1,1,2-Tetrachloroethane	20	21.2	106.0		20.0	81 - 116
Ethylbenzene	20	22.5	112.0		20.0	82 - 119
m,p-Xylene	40	45.6	114.0		20.0	81 - 124
o-Xylene	20	21.8	109.0		20.0	83 - 121
Styrene	20	21.6	108.0		20.0	84 - 122
Bromoform	20	21.1	106.0		20.0	65 - 118
Isopropylbenzene	20	20.3	102.0		20.0	81 - 124
Bromobenzene	20	19	95.0		20.0	82 - 118
1,1,2,2-Tetrachloroethane	20	19.2	96.0		20.0	71 - 122
1,2,3-Trichloropropane	20	20	100.0		20.0	74 - 122
n-Propylbenzene	20	20.2	101.0		20.0	81 - 130
2-Chlorotoluene	20	19	95.0		20.0	81 - 121
4-Chlorotoluene	20	19.1	95.5		20.0	80 - 123
1,3,5-Trimethylbenzene	20	19.7	98.5		20.0	82 - 124
tert-Butylbenzene	20	21.9	110.0		20.0	76 - 128
1,2,4-Trimethylbenzene	20	21.8	109.0		20.0	83 - 123
sec-Butylbenzene	20	22.4	112.0		20.0	79 - 131
1,3-Dichlorobenzene	20	20	100.0		20.0	80 - 114
1,4-Dichlorobenzene	20	19.6	98.0		20.0	79 - 113
4-Isopropyltoluene	20	22	110.0		20.0	81 - 129
n-Butylbenzene	20	21.8	109.0		20.0	78 - 134
1,2-Dichlorobenzene	20	19.8	99.0		20.0	80 - 114
1,2-Dibromo-3-chloropropane	20	19.7	98.5		20.0	64 - 124
1,2,4-Trichlorobenzene	20	19.5	97.5		20.0	74 - 121
Hexachlorobutadiene	20	19.7	98.5		20.0	76 - 127

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

082011LCS61

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Naphthalene	20	18.2	91.0		20.0	65 - 135
1,2,3-Trichlorobenzene	20	19.9	99.5		20.0	67 - 126
Methyl tert-butyl ether	20	20.3	102.0		20.0	67 - 147

Spike Recovery: 0 out of 67 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

082011LCS61D

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	20	18.8	94.0	1.6	20.0	58 - 147
Chloromethane	20	20.2	101.0	0.5	20.0	66 - 147
Vinyl chloride	20	19.9	99.5	1.0	20.0	72 - 134
Bromomethane	20	19	95.0	6.5	20.0	52 - 145
Chloroethane	20	19.1	95.5	10.4	20.0	78 - 133
Trichlorofluoromethane	20	19.6	98.0	3.0	20.0	81 - 132
1,1-Dichloroethene	20	18.7	93.5	3.7	20.0	81 - 121
Methyl iodide	20	18.5	92.5	2.7	20.0	45 - 143
Carbon disulfide	20	17.2	86.0	7.8	20.0	73 - 133
Methylene chloride	20	17.8	89.0	7.6	20.0	79 - 133
trans-1,2-Dichloroethene	20	18.2	91.0	13.8	20.0	82 - 116
1,1-Dichloroethane	20	19	95.0	14.6	20.0	84 - 122
Acetone	40	30.7	76.8	3.3	20.0	51 - 170
2,2-Dichloropropane	20	18.7	93.5	3.2	20.0	84 - 122
cis-1,2-Dichloroethene	20	19.6	98.0	3.0	20.0	86 - 115
Bromochloromethane	20	20.2	101.0	5.8	20.0	81 - 123
2-Butanone	40	33.5	83.8	5.8	20.0	62 - 167
Chloroform	20	20.5	102.0	4.5	20.0	81 - 120
1,1,1-Trichloroethane	20	21.3	106.0	0.5	20.0	80 - 120
Carbon tetrachloride	20	19.2	96.0	3.6	20.0	82 - 120
1,1-Dichloropropene	20	20.4	102.0	2.4	20.0	80 - 122
Benzene	20	19	95.0	0.5	20.0	82 - 123
1,2-Dichloroethane	20	19.7	98.5	0.5	20.0	75 - 126
Trichloroethene	20	18.4	92.0	3.7	20.0	80 - 112
Vinyl acetate	20	17.4	87.0	25.1 *	20.0	75 - 135
1,2-Dichloropropane	20	18.3	91.5	7.4	20.0	86 - 122
Dibromomethane	20	19.4	97.0	2.0	20.0	84 - 117
Bromodichloromethane	20	18.5	92.5	2.7	20.0	82 - 120
cis-1,3-Dichloropropene	20	17.8	89.0	8.6	20.0	80 - 121
4-Methyl-2-pentanone	40	39.5	98.8	2.7	20.0	74 - 136
Toluene	20	19.9	99.5	9.1	20.0	80 - 116
trans-1,3-Dichloropropene	20	18.2	91.0	6.4	20.0	77 - 121

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

082011LCS61D

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
1,1,2-Trichloroethane	20	20.2	101.0	1.0	20.0	84 - 119
Tetrachloroethene	20	21.6	108.0	2.3	20.0	84 - 115
1,3-Dichloropropane	20	21.7	108.0	9.2	20.0	73 - 129
2-Hexanone	40	38.8	97.0	12.9	20.0	66 - 150
Dibromochloromethane	20	19.7	98.5	2.5	20.0	75 - 117
1,2-Dibromoethane	20	19.8	99.0	5.9	20.0	79 - 119
Chlorobenzene	20	21.1	106.0	6.9	20.0	82 - 114
1,1,1,2-Tetrachloroethane	20	21.3	106.0	0.5	20.0	81 - 116
Ethylbenzene	20	21.7	108.0	3.6	20.0	82 - 119
m,p-Xylene	40	42.8	107.0	6.3	20.0	81 - 124
o-Xylene	20	21.6	108.0	0.9	20.0	83 - 121
Styrene	20	21.6	108.0	0.0	20.0	84 - 122
Bromoform	20	21.2	106.0	0.5	20.0	65 - 118
Isopropylbenzene	20	22.1	110.0	8.5	20.0	81 - 124
Bromobenzene	20	19.8	99.0	4.1	20.0	82 - 118
1,1,2,2-Tetrachloroethane	20	19.4	97.0	1.0	20.0	71 - 122
1,2,3-Trichloropropane	20	20.9	104.0	4.4	20.0	74 - 122
n-Propylbenzene	20	21.5	108.0	6.2	20.0	81 - 130
2-Chlorotoluene	20	22.9	114.0	18.6	20.0	81 - 121
4-Chlorotoluene	20	23	115.0	18.5	20.0	80 - 123
1,3,5-Trimethylbenzene	20	23.2	116.0	16.3	20.0	82 - 124
tert-Butylbenzene	20	21.5	108.0	1.8	20.0	76 - 128
1,2,4-Trimethylbenzene	20	21.7	108.0	0.5	20.0	83 - 123
sec-Butylbenzene	20	22.2	111.0	0.9	20.0	79 - 131
1,3-Dichlorobenzene	20	19.4	97.0	3.0	20.0	80 - 114
1,4-Dichlorobenzene	20	19.4	97.0	1.0	20.0	79 - 113
4-Isopropyltoluene	20	21	105.0	4.7	20.0	81 - 129
n-Butylbenzene	20	22.4	112.0	2.7	20.0	78 - 134
1,2-Dichlorobenzene	20	21.5	108.0	8.2	20.0	80 - 114
1,2-Dibromo-3-chloropropane	20	21.3	106.0	7.8	20.0	64 - 124
1,2,4-Trichlorobenzene	20	19.5	97.5	0.0	20.0	74 - 121
Hexachlorobutadiene	20	21.9	110.0	10.6	20.0	76 - 127

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

082011LCS61D

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Naphthalene	20	19.1	95.5	4.8	20.0	65 - 135
1,2,3-Trichlorobenzene	20	19.6	98.0	1.5	20.0	67 - 126
Methyl tert-butyl ether	20	19.2	96.0	5.6	20.0	67 - 147

Spike Recovery: 0 out of 67 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Method 8270 Semi-Volatile Organics

**CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8270D

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8270 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample USF-CM-001 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 1.9 % with criteria of (10-122), 2-Fluorophenol at 6.1 % with criteria of (21-120), Nitrobenzene-d5 at 33.8 % with criteria of (35-114), Phenol-d5 at 3.6 % with criteria of (10-94). The sample was observed to have a heavy emulsion during extraction which likely interfered with surrogate recoveries. Since there was no additional sample for re-extraction, no further action was taken.

Sample USF-CM-002 was recovered below criteria for the following surrogate(s): 2-Fluorobiphenyl at 39 % with criteria of (43-116). The low recovery is likely due to matrix interference. Since the other surrogate met criteria, no further action was taken.

Sample USF-CM-003 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0.7 % with criteria of (10-122), 2-Fluorophenol at 8 % with criteria of (21-120), Phenol-d5 at 3.6 % with criteria of (10-94). The sample was observed to have a heavy emulsion during extraction which likely interfered with surrogate recoveries. Since there was no additional sample for re-extraction, no further action was taken.

**CASE NARRATIVE
GC/MS SEMIVOLATILE ORGANICS**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

Samples coded accordingly.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 96142LCSD was analyzed with the water samples extracted on 08/16/11. All criteria were met. The following analyte(s) exceeded RPD criteria: Benzoic acid at 41.1 % with criteria of (20). No further action was taken, since percent recovery limits were met.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Signature: 
Name: Brian C. Spanik **Title:** Lab Director

SIGNED:
08/18/2011

DATE:

SEMI-VOLATILE ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330
Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Method: 8270

EPA Sample No	Lab Sample ID
<u>USF-CM-001</u>	<u>350376901</u>
<u>USF-CM-002</u>	<u>350376902</u>
<u>USF-CM-003</u>	<u>350376903</u>
<u>USF-CM-004</u>	<u>350376904</u>
<u>USF-CM-005</u>	<u>350376905</u>
<u>USF-CM-006</u>	<u>350376906</u>

8270 Sample Data

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-001

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 76901.D

Sample wt/vol: 970 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1422

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
62-75-9	N-Nitrosodimethylamine	4.1	U	2.3	4.1
62-53-3	Aniline	4.1	U	2.9	4.1
111-44-4	Bis(2-chloroethyl)ether	4.1	U	3.1	4.1
108-95-2	Phenol	4.1	U	1.8	4.1
95-57-8	2-Chlorophenol	4.1	U	3	4.1
541-73-1	1,3-Dichlorobenzene	4.1	U	2.8	4.1
106-46-7	1,4-Dichlorobenzene	4.1	U	2.8	4.1
95-50-1	1,2-Dichlorobenzene	4.1	U	2.7	4.1
100-51-6	Benzyl alcohol	10.3	U	3.2	10.3
108-60-1	2,2'-Oxybis(1-chloropropane)	4.1	U	3.4	4.1
95-48-7	2-Methylphenol	4.1	U	2.7	4.1
67-72-1	Hexachloroethane	4.1	U	2.7	4.1
621-64-7	N-Nitroso-di-n-propylamine	4.1	U	3.1	4.1
106-44-5	4-Methylphenol	10.3	U	6.3	10.3
98-95-3	Nitrobenzene	4.1	U	1	4.1
78-59-1	Isophorone	4.1	U	3.9	4.1
88-75-5	2-Nitrophenol	4.1	U	0.79	4.1
105-67-9	2,4-Dimethylphenol	4.1	U	2.4	4.1
65-85-0	Benzoic acid	51.5	U	14.4	51.5
111-91-1	Bis(2-chloroethoxy)methane	4.1	U	3.6	4.1
120-83-2	2,4-Dichlorophenol	4.1	U	3.2	4.1
120-82-1	1,2,4-Trichlorobenzene	4.1	U	2.7	4.1
91-20-3	Naphthalene	4.1	U	2.9	4.1
106-47-8	4-Chloroaniline	4.1	U	3.1	4.1
91-57-6	2-Methylnaphthalene	4.1	U	2.9	4.1
87-68-3	Hexachlorobutadiene	4.1	U	2.6	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-001

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 76901.DSample wt/vol: 970 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 1 Date Extracted: 08/16/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1422PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8270GPC Cleanup : (Y/N) N pH: Column(1): HPMS-5 ID: 0.25 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
59-50-7	4-Chloro-3-methylphenol	4.1	U	2.8	4.1
90-12-0	1-Methylnaphthalene	4.1	U	2.8	4.1
77-47-4	Hexachlorocyclopentadiene	4.1	U	0.84	4.1
88-06-2	2,4,6-Trichlorophenol	4.1	U	0.86	4.1
95-95-4	2,4,5-Trichlorophenol	4.1	U	3.5	4.1
91-58-7	2-Chloronaphthalene	4.1	U	2.9	4.1
88-74-4	2-Nitroaniline	4.1	U	3.1	4.1
208-96-8	Acenaphthylene	4.1	U	3.1	4.1
131-11-3	Dimethylphthalate	4.1	U	3.1	4.1
606-20-2	2,6-Dinitrotoluene	4.1	U	2.9	4.1
83-32-9	Acenaphthene	4.1	U	2.9	4.1
99-09-2	3-Nitroaniline	4.1	U	2.9	4.1
51-28-5	2,4-Dinitrophenol	20.6	U	5.8	20.6
132-64-9	Dibenzofuran	4.1	U	2.8	4.1
121-14-2	2,4-Dinitrotoluene	4.1	U	2.9	4.1
100-02-7	4-Nitrophenol	4.1	U	4.1	4.1
86-73-7	Fluorene	4.1	U	3	4.1
7005-72-3	4-Chlorophenyl-phenylether	4.1	U	2.6	4.1
84-66-2	Diethylphthalate	4.1	U	2.9	4.1
100-01-6	4-Nitroaniline	4.1	U	1.3	4.1
534-52-1	4,6-Dinitro-2-methylphenol	4.1	U	4.1	4.1
86-30-6	N-Nitrosodiphenylamine	4.1	U	3.5	4.1
101-55-3	4-Bromophenyl-phenylether	4.1	U	2.4	4.1
118-74-1	Hexachlorobenzene	4.1	U	0.42	4.1
87-86-5	Pentachlorophenol	10.3	U	1.4	10.3
85-01-8	Phenanthrene	4.1	U	2.9	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-001

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 76901.DSample wt/vol: 970 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 1 Date Extracted: 08/16/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1422PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8270GPC Cleanup : (Y/N) N pH: Column(1): HPMS-5 ID: 0.25 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
120-12-7	Anthracene	4.1	U	2.9	4.1
84-74-2	Di-n-butylphthalate	4.1	U	0.89	4.1
206-44-0	Fluoranthene	4.1	U	2.9	4.1
129-00-0	Pyrene	4.1	U	1.2	4.1
92-87-5	Benzidine	20.6	U	20.6	20.6
85-68-7	Butylbenzylphthalate	4.1	U	3.1	4.1
91-94-1	3,3'-Dichlorobenzidine	4.1	U	2.8	4.1
56-55-3	Benzo(a)anthracene	4.1	U	2.7	4.1
218-01-9	Chrysene	4.1	U	3	4.1
117-81-7	Bis(2-ethylhexyl)phthalate	13.4		4.5	5.2
117-84-0	Di-n-octylphthalate	4.1	U	1.1	4.1
205-99-2	Benzo(b)fluoranthene	4.1	U	2.7	4.1
207-08-9	Benzo(k)fluoranthene	4.1	U	3	4.1
50-32-8	Benzo(a)pyrene	4.1	U	2.9	4.1
193-39-5	Indeno(1,2,3-cd)pyrene	4.1	U	1.6	4.1
53-70-3	Dibenzo(a,h)anthracene	4.1	U	1.2	4.1
191-24-2	Benzo(g,h,i)perylene	4.1	U	2.7	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902.D

Sample wt/vol: 960 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1622

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
62-75-9	N-Nitrosodimethylamine	4.2	U	2.3	4.2
62-53-3	Aniline	4.2	U	2.9	4.2
111-44-4	Bis(2-chloroethyl)ether	4.2	U	3.1	4.2
108-95-2	Phenol	4.2	U	1.8	4.2
95-57-8	2-Chlorophenol	4.2	U	3	4.2
541-73-1	1,3-Dichlorobenzene	4.2	U	2.8	4.2
106-46-7	1,4-Dichlorobenzene	4.2	U	2.8	4.2
95-50-1	1,2-Dichlorobenzene	4.2	U	2.7	4.2
100-51-6	Benzyl alcohol	10.4	U	3.2	10.4
108-60-1	2,2'-Oxybis(1-chloropropane)	4.2	U	3.4	4.2
95-48-7	2-Methylphenol	4.2	U	2.7	4.2
67-72-1	Hexachloroethane	4.2	U	2.7	4.2
621-64-7	N-Nitroso-di-n-propylamine	4.2	U	3.1	4.2
106-44-5	4-Methylphenol	10.4	U	6.4	10.4
98-95-3	Nitrobenzene	4.2	U	1	4.2
78-59-1	Isophorone	4.2	U	4	4.2
88-75-5	2-Nitrophenol	4.2	U	0.8	4.2
105-67-9	2,4-Dimethylphenol	4.2	U	2.4	4.2
65-85-0	Benzoic acid	29.9	J	14.6	52.1
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	3.6	4.2
120-83-2	2,4-Dichlorophenol	4.2	U	3.2	4.2
120-82-1	1,2,4-Trichlorobenzene	4.2	U	2.7	4.2
91-20-3	Naphthalene	4.2	U	2.9	4.2
106-47-8	4-Chloroaniline	4.2	U	3.1	4.2
91-57-6	2-Methylnaphthalene	4.2	U	2.9	4.2
87-68-3	Hexachlorobutadiene	4.2	U	2.6	4.2

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902.DSample wt/vol: 960 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 1 Date Extracted: 08/16/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1622PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8270GPC Cleanup : (Y/N) N pH: Column(1): HPMS-5 ID: 0.25 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
59-50-7	4-Chloro-3-methylphenol	4.2	U	2.8	4.2
90-12-0	1-Methylnaphthalene	4.2	U	2.8	4.2
77-47-4	Hexachlorocyclopentadiene	4.2	U	0.85	4.2
88-06-2	2,4,6-Trichlorophenol	4.2	U	0.88	4.2
95-95-4	2,4,5-Trichlorophenol	4.2	U	3.5	4.2
91-58-7	2-Chloronaphthalene	4.2	U	2.9	4.2
88-74-4	2-Nitroaniline	4.2	U	3.1	4.2
208-96-8	Acenaphthylene	4.2	U	3.1	4.2
131-11-3	Dimethylphthalate	4.2	U	3.1	4.2
606-20-2	2,6-Dinitrotoluene	4.2	U	2.9	4.2
83-32-9	Acenaphthene	4.2	U	2.9	4.2
99-09-2	3-Nitroaniline	4.2	U	2.9	4.2
51-28-5	2,4-Dinitrophenol	20.8	U	5.8	20.8
132-64-9	Dibenzofuran	4.2	U	2.8	4.2
121-14-2	2,4-Dinitrotoluene	4.2	U	2.9	4.2
100-02-7	4-Nitrophenol	4.2	U	4.2	4.2
86-73-7	Fluorene	4.2	U	3	4.2
7005-72-3	4-Chlorophenyl-phenylether	4.2	U	2.6	4.2
84-66-2	Diethylphthalate	4.2	U	2.9	4.2
100-01-6	4-Nitroaniline	4.2	U	1.4	4.2
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	4.2
86-30-6	N-Nitrosodiphenylamine	4.2	U	3.5	4.2
101-55-3	4-Bromophenyl-phenylether	4.2	U	2.4	4.2
118-74-1	Hexachlorobenzene	4.2	U	0.43	4.2
87-86-5	Pentachlorophenol	10.4	U	1.4	10.4
85-01-8	Phenanthrene	4.2	U	2.9	4.2

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902.D

Sample wt/vol: 960 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1622

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
120-12-7	Anthracene	4.2	U	2.9	4.2
84-74-2	Di-n-butylphthalate	4.2	U	0.9	4.2
206-44-0	Fluoranthene	4.2	U	2.9	4.2
129-00-0	Pyrene	4.2	U	1.2	4.2
92-87-5	Benzidine	20.8	U	20.8	20.8
85-68-7	Butylbenzylphthalate	4.2	U	3.1	4.2
91-94-1	3,3'-Dichlorobenzidine	4.2	U	2.8	4.2
56-55-3	Benzo(a)anthracene	4.2	U	2.7	4.2
218-01-9	Chrysene	4.2	U	3	4.2
117-81-7	Bis(2-ethylhexyl)phthalate	5.2	U	4.6	5.2
117-84-0	Di-n-octylphthalate	4.2	U	1.1	4.2
205-99-2	Benzo(b)fluoranthene	4.2	U	2.7	4.2
207-08-9	Benzo(k)fluoranthene	4.2	U	3	4.2
50-32-8	Benzo(a)pyrene	4.2	U	2.9	4.2
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	U	1.7	4.2
53-70-3	Dibenzo(a,h)anthracene	4.2	U	1.2	4.2
191-24-2	Benzo(g,h,i)perylene	4.2	U	2.7	4.2

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-003

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 76903.DSample wt/vol: 975 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 1 Date Extracted: 08/16/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1452PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8270GPC Cleanup : (Y/N) N pH: Column(1): HPMS-5 ID: 0.25 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
62-75-9	N-Nitrosodimethylamine	4.1	U	2.2	4.1
62-53-3	Aniline	4.1	U	2.9	4.1
111-44-4	Bis(2-chloroethyl)ether	4.1	U	3.1	4.1
108-95-2	Phenol	4.1	U	1.7	4.1
95-57-8	2-Chlorophenol	4.1	U	3	4.1
541-73-1	1,3-Dichlorobenzene	4.1	U	2.8	4.1
106-46-7	1,4-Dichlorobenzene	4.1	U	2.8	4.1
95-50-1	1,2-Dichlorobenzene	4.1	U	2.7	4.1
100-51-6	Benzyl alcohol	10.2	U	3.2	10.2
108-60-1	2,2'-Oxybis(1-chloropropane)	4.1	U	3.4	4.1
95-48-7	2-Methylphenol	4.1	U	2.7	4.1
67-72-1	Hexachloroethane	4.1	U	2.7	4.1
621-64-7	N-Nitroso-di-n-propylamine	4.1	U	3.1	4.1
106-44-5	4-Methylphenol	10.2	U	6.2	10.2
98-95-3	Nitrobenzene	4.1	U	1	4.1
78-59-1	Isophorone	4.1	U	3.9	4.1
88-75-5	2-Nitrophenol	4.1	U	0.79	4.1
105-67-9	2,4-Dimethylphenol	4.1	U	2.4	4.1
65-85-0	Benzoic acid	51.3	U	14.4	51.3
111-91-1	Bis(2-chloroethoxy)methane	4.1	U	3.6	4.1
120-83-2	2,4-Dichlorophenol	4.1	U	3.2	4.1
120-82-1	1,2,4-Trichlorobenzene	4.1	U	2.7	4.1
91-20-3	Naphthalene	4.1	U	2.9	4.1
106-47-8	4-Chloroaniline	4.1	U	3.1	4.1
91-57-6	2-Methylnaphthalene	4.1	U	2.9	4.1
87-68-3	Hexachlorobutadiene	4.1	U	2.6	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-003

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 76903.D

Sample wt/vol: 975 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1452

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
59-50-7	4-Chloro-3-methylphenol	4.1	U	2.8	4.1
90-12-0	1-Methylnaphthalene	4.1	U	2.8	4.1
77-47-4	Hexachlorocyclopentadiene	4.1	U	0.84	4.1
88-06-2	2,4,6-Trichlorophenol	4.1	U	0.86	4.1
95-95-4	2,4,5-Trichlorophenol	4.1	U	3.5	4.1
91-58-7	2-Chloronaphthalene	4.1	U	2.9	4.1
88-74-4	2-Nitroaniline	4.1	U	3.1	4.1
208-96-8	Acenaphthylene	4.1	U	3.1	4.1
131-11-3	Dimethylphthalate	4.1	U	3.1	4.1
606-20-2	2,6-Dinitrotoluene	4.1	U	2.9	4.1
83-32-9	Acenaphthene	4.1	U	2.9	4.1
99-09-2	3-Nitroaniline	4.1	U	2.9	4.1
51-28-5	2,4-Dinitrophenol	20.5	U	5.7	20.5
132-64-9	Dibenzofuran	4.1	U	2.8	4.1
121-14-2	2,4-Dinitrotoluene	4.1	U	2.9	4.1
100-02-7	4-Nitrophenol	4.1	U	4.1	4.1
86-73-7	Fluorene	4.1	U	3	4.1
7005-72-3	4-Chlorophenyl-phenylether	4.1	U	2.6	4.1
84-66-2	Diethylphthalate	4.1	U	2.9	4.1
100-01-6	4-Nitroaniline	4.1	U	1.3	4.1
534-52-1	4,6-Dinitro-2-methylphenol	4.1	U	4.1	4.1
86-30-6	N-Nitrosodiphenylamine	4.1	U	3.5	4.1
101-55-3	4-Bromophenyl-phenylether	4.1	U	2.4	4.1
118-74-1	Hexachlorobenzene	4.1	U	0.42	4.1
87-86-5	Pentachlorophenol	10.2	U	1.4	10.2
85-01-8	Phenanthrene	4.1	U	2.9	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-003

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 76903.DSample wt/vol: 975 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 1 Date Extracted: 08/16/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1452PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8270GPC Cleanup : (Y/N) N pH: Column(1): HPMS-5 ID: 0.25 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
120-12-7	Anthracene	4.1	U	2.9	4.1
84-74-2	Di-n-butylphthalate	4.1	U	0.88	4.1
206-44-0	Fluoranthene	4.1	U	2.9	4.1
129-00-0	Pyrene	4.1	U	1.2	4.1
92-87-5	Benzidine	20.5	U	20.5	20.5
85-68-7	Butylbenzylphthalate	4.1	U	3.1	4.1
91-94-1	3,3'-Dichlorobenzidine	4.1	U	2.8	4.1
56-55-3	Benzo(a)anthracene	4.1	U	2.7	4.1
218-01-9	Chrysene	4.1	U	3	4.1
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U	4.5	5.1
117-84-0	Di-n-octylphthalate	4.1	U	1.1	4.1
205-99-2	Benzo(b)fluoranthene	4.1	U	2.7	4.1
207-08-9	Benzo(k)fluoranthene	4.1	U	3	4.1
50-32-8	Benzo(a)pyrene	4.1	U	2.9	4.1
193-39-5	Indeno(1,2,3-cd)pyrene	4.1	U	1.6	4.1
53-70-3	Dibenzo(a,h)anthracene	4.1	U	1.2	4.1
191-24-2	Benzo(g,h,i)perylene	4.1	U	2.7	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 76904.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1522

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
62-75-9	N-Nitrosodimethylamine	4.1	U	2.2	4.1
62-53-3	Aniline	4.1	U	2.8	4.1
111-44-4	Bis(2-chloroethyl)ether	4.1	U	3.1	4.1
108-95-2	Phenol	4.1	U	1.7	4.1
95-57-8	2-Chlorophenol	4.1	U	3	4.1
541-73-1	1,3-Dichlorobenzene	4.1	U	2.8	4.1
106-46-7	1,4-Dichlorobenzene	4.1	U	2.8	4.1
95-50-1	1,2-Dichlorobenzene	4.1	U	2.6	4.1
100-51-6	Benzyl alcohol	10.2	U	3.2	10.2
108-60-1	2,2'-Oxybis(1-chloropropane)	4.1	U	3.4	4.1
95-48-7	2-Methylphenol	4.1	U	2.6	4.1
67-72-1	Hexachloroethane	4.1	U	2.6	4.1
621-64-7	N-Nitroso-di-n-propylamine	4.1	U	3.1	4.1
106-44-5	4-Methylphenol	10.2	U	6.2	10.2
98-95-3	Nitrobenzene	4.1	U	1	4.1
78-59-1	Isophorone	4.1	U	3.9	4.1
88-75-5	2-Nitrophenol	4.1	U	0.78	4.1
105-67-9	2,4-Dimethylphenol	4.1	U	2.3	4.1
65-85-0	Benzoic acid	96.5		14.3	51
111-91-1	Bis(2-chloroethoxy)methane	4.1	U	3.6	4.1
120-83-2	2,4-Dichlorophenol	4.1	U	3.2	4.1
120-82-1	1,2,4-Trichlorobenzene	4.1	U	2.6	4.1
91-20-3	Naphthalene	4.1	U	2.8	4.1
106-47-8	4-Chloroaniline	4.1	U	3.1	4.1
91-57-6	2-Methylnaphthalene	4.1	U	2.8	4.1
87-68-3	Hexachlorobutadiene	4.1	U	2.6	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 76904.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1522

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
59-50-7	4-Chloro-3-methylphenol	4.1	U	2.8	4.1
90-12-0	1-Methylnaphthalene	4.1	U	2.8	4.1
77-47-4	Hexachlorocyclopentadiene	4.1	U	0.84	4.1
88-06-2	2,4,6-Trichlorophenol	4.1	U	0.86	4.1
95-95-4	2,4,5-Trichlorophenol	4.1	U	3.5	4.1
91-58-7	2-Chloronaphthalene	4.1	U	2.8	4.1
88-74-4	2-Nitroaniline	4.1	U	3.1	4.1
208-96-8	Acenaphthylene	4.1	U	3.1	4.1
131-11-3	Dimethylphthalate	4.1	U	3.1	4.1
606-20-2	2,6-Dinitrotoluene	4.1	U	2.8	4.1
83-32-9	Acenaphthene	4.1	U	2.8	4.1
99-09-2	3-Nitroaniline	4.1	U	2.8	4.1
51-28-5	2,4-Dinitrophenol	20.4	U	5.7	20.4
132-64-9	Dibenzofuran	4.1	U	2.8	4.1
121-14-2	2,4-Dinitrotoluene	4.1	U	2.8	4.1
100-02-7	4-Nitrophenol	4.1	U	4.1	4.1
86-73-7	Fluorene	4.1	U	3	4.1
7005-72-3	4-Chlorophenyl-phenylether	4.1	U	2.6	4.1
84-66-2	Diethylphthalate	4.1	U	2.8	4.1
100-01-6	4-Nitroaniline	4.1	U	1.3	4.1
534-52-1	4,6-Dinitro-2-methylphenol	4.1	U	4.1	4.1
86-30-6	N-Nitrosodiphenylamine	4.1	U	3.5	4.1
101-55-3	4-Bromophenyl-phenylether	4.1	U	2.3	4.1
118-74-1	Hexachlorobenzene	4.1	U	0.42	4.1
87-86-5	Pentachlorophenol	10.2	U	1.4	10.2
85-01-8	Phenanthrene	4.1	U	2.8	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 76904.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1522

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
120-12-7	Anthracene	4.1	U	2.8	4.1
84-74-2	Di-n-butylphthalate	4.1	U	0.88	4.1
206-44-0	Fluoranthene	4.1	U	2.8	4.1
129-00-0	Pyrene	4.1	U	1.2	4.1
92-87-5	Benzidine	20.4	U	20.4	20.4
85-68-7	Butylbenzylphthalate	4.1	U	3.1	4.1
91-94-1	3,3'-Dichlorobenzidine	4.1	U	2.8	4.1
56-55-3	Benzo(a)anthracene	4.1	U	2.6	4.1
218-01-9	Chrysene	4.1	U	3	4.1
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U	4.5	5.1
117-84-0	Di-n-octylphthalate	4.1	U	1.1	4.1
205-99-2	Benzo(b)fluoranthene	4.1	U	2.6	4.1
207-08-9	Benzo(k)fluoranthene	4.1	U	3	4.1
50-32-8	Benzo(a)pyrene	4.1	U	2.8	4.1
193-39-5	Indeno(1,2,3-cd)pyrene	4.1	U	1.6	4.1
53-70-3	Dibenzo(a,h)anthracene	4.1	U	1.2	4.1
191-24-2	Benzo(g,h,i)perylene	4.1	U	2.6	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-005

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 76905.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1552

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
62-75-9	N-Nitrosodimethylamine	4.1	U	2.2	4.1
62-53-3	Aniline	4.1	U	2.8	4.1
111-44-4	Bis(2-chloroethyl)ether	4.1	U	3.1	4.1
108-95-2	Phenol	4.1	U	1.7	4.1
95-57-8	2-Chlorophenol	4.1	U	3	4.1
541-73-1	1,3-Dichlorobenzene	4.1	U	2.8	4.1
106-46-7	1,4-Dichlorobenzene	4.1	U	2.8	4.1
95-50-1	1,2-Dichlorobenzene	4.1	U	2.6	4.1
100-51-6	Benzyl alcohol	10.2	U	3.2	10.2
108-60-1	2,2'-Oxybis(1-chloropropane)	4.1	U	3.4	4.1
95-48-7	2-Methylphenol	4.1	U	2.6	4.1
67-72-1	Hexachloroethane	4.1	U	2.6	4.1
621-64-7	N-Nitroso-di-n-propylamine	4.1	U	3.1	4.1
106-44-5	4-Methylphenol	10.2	U	6.2	10.2
98-95-3	Nitrobenzene	4.1	U	1	4.1
78-59-1	Isophorone	4.1	U	3.9	4.1
88-75-5	2-Nitrophenol	4.1	U	0.78	4.1
105-67-9	2,4-Dimethylphenol	4.1	U	2.3	4.1
65-85-0	Benzoic acid	51	U	14.3	51
111-91-1	Bis(2-chloroethoxy)methane	4.1	U	3.6	4.1
120-83-2	2,4-Dichlorophenol	4.1	U	3.2	4.1
120-82-1	1,2,4-Trichlorobenzene	4.1	U	2.6	4.1
91-20-3	Naphthalene	4.1	U	2.8	4.1
106-47-8	4-Chloroaniline	4.1	U	3.1	4.1
91-57-6	2-Methylnaphthalene	4.1	U	2.8	4.1
87-68-3	Hexachlorobutadiene	4.1	U	2.6	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-005

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 76905.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1552

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
59-50-7	4-Chloro-3-methylphenol	4.1	U	2.8	4.1
90-12-0	1-Methylnaphthalene	4.1	U	2.8	4.1
77-47-4	Hexachlorocyclopentadiene	4.1	U	0.84	4.1
88-06-2	2,4,6-Trichlorophenol	4.1	U	0.86	4.1
95-95-4	2,4,5-Trichlorophenol	4.1	U	3.5	4.1
91-58-7	2-Chloronaphthalene	4.1	U	2.8	4.1
88-74-4	2-Nitroaniline	4.1	U	3.1	4.1
208-96-8	Acenaphthylene	4.1	U	3.1	4.1
131-11-3	Dimethylphthalate	4.1	U	3.1	4.1
606-20-2	2,6-Dinitrotoluene	4.1	U	2.8	4.1
83-32-9	Acenaphthene	4.1	U	2.8	4.1
99-09-2	3-Nitroaniline	4.1	U	2.8	4.1
51-28-5	2,4-Dinitrophenol	20.4	U	5.7	20.4
132-64-9	Dibenzofuran	4.1	U	2.8	4.1
121-14-2	2,4-Dinitrotoluene	4.1	U	2.8	4.1
100-02-7	4-Nitrophenol	4.1	U	4.1	4.1
86-73-7	Fluorene	4.1	U	3	4.1
7005-72-3	4-Chlorophenyl-phenylether	4.1	U	2.6	4.1
84-66-2	Diethylphthalate	4.1	U	2.8	4.1
100-01-6	4-Nitroaniline	4.1	U	1.3	4.1
534-52-1	4,6-Dinitro-2-methylphenol	4.1	U	4.1	4.1
86-30-6	N-Nitrosodiphenylamine	4.1	U	3.5	4.1
101-55-3	4-Bromophenyl-phenylether	4.1	U	2.3	4.1
118-74-1	Hexachlorobenzene	4.1	U	0.42	4.1
87-86-5	Pentachlorophenol	10.2	U	1.4	10.2
85-01-8	Phenanthrene	4.1	U	2.8	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-005

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 76905.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1552

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
120-12-7	Anthracene	4.1	U	2.8	4.1
84-74-2	Di-n-butylphthalate	1.6	J	0.88	4.1
206-44-0	Fluoranthene	4.1	U	2.8	4.1
129-00-0	Pyrene	4.1	U	1.2	4.1
92-87-5	Benzidine	20.4	U	20.4	20.4
85-68-7	Butylbenzylphthalate	4.1	U	3.1	4.1
91-94-1	3,3'-Dichlorobenzidine	4.1	U	2.8	4.1
56-55-3	Benzo(a)anthracene	4.1	U	2.6	4.1
218-01-9	Chrysene	4.1	U	3	4.1
117-81-7	Bis(2-ethylhexyl)phthalate	57.5		4.5	5.1
117-84-0	Di-n-octylphthalate	4.1	U	1.1	4.1
205-99-2	Benzo(b)fluoranthene	4.1	U	2.6	4.1
207-08-9	Benzo(k)fluoranthene	4.1	U	3	4.1
50-32-8	Benzo(a)pyrene	4.1	U	2.8	4.1
193-39-5	Indeno(1,2,3-cd)pyrene	4.1	U	1.6	4.1
53-70-3	Dibenzo(a,h)anthracene	4.1	U	1.2	4.1
191-24-2	Benzo(g,h,i)perylene	4.1	U	2.6	4.1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 76906.D

Sample wt/vol: 960 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1652

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
62-75-9	N-Nitrosodimethylamine	4.2	U	2.3	4.2
62-53-3	Aniline	4.2	U	2.9	4.2
111-44-4	Bis(2-chloroethyl)ether	4.2	U	3.1	4.2
108-95-2	Phenol	4.2	U	1.8	4.2
95-57-8	2-Chlorophenol	4.2	U	3	4.2
541-73-1	1,3-Dichlorobenzene	4.2	U	2.8	4.2
106-46-7	1,4-Dichlorobenzene	4.2	U	2.8	4.2
95-50-1	1,2-Dichlorobenzene	4.2	U	2.7	4.2
100-51-6	Benzyl alcohol	10.4	U	3.2	10.4
108-60-1	2,2'-Oxybis(1-chloropropane)	4.2	U	3.4	4.2
95-48-7	2-Methylphenol	4.2	U	2.7	4.2
67-72-1	Hexachloroethane	4.2	U	2.7	4.2
621-64-7	N-Nitroso-di-n-propylamine	4.2	U	3.1	4.2
106-44-5	4-Methylphenol	10.4	U	6.4	10.4
98-95-3	Nitrobenzene	4.2	U	1	4.2
78-59-1	Isophorone	4.2	U	4	4.2
88-75-5	2-Nitrophenol	4.2	U	0.8	4.2
105-67-9	2,4-Dimethylphenol	4.2	U	2.4	4.2
65-85-0	Benzoic acid	17.4	J	14.6	52.1
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	3.6	4.2
120-83-2	2,4-Dichlorophenol	4.2	U	3.2	4.2
120-82-1	1,2,4-Trichlorobenzene	4.2	U	2.7	4.2
91-20-3	Naphthalene	4.2	U	2.9	4.2
106-47-8	4-Chloroaniline	4.2	U	3.1	4.2
91-57-6	2-Methylnaphthalene	4.2	U	2.9	4.2
87-68-3	Hexachlorobutadiene	4.2	U	2.6	4.2

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 76906.D

Sample wt/vol: 960 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1652

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
59-50-7	4-Chloro-3-methylphenol	4.2	U	2.8	4.2
90-12-0	1-Methylnaphthalene	4.2	U	2.8	4.2
77-47-4	Hexachlorocyclopentadiene	4.2	U	0.85	4.2
88-06-2	2,4,6-Trichlorophenol	4.2	U	0.88	4.2
95-95-4	2,4,5-Trichlorophenol	4.2	U	3.5	4.2
91-58-7	2-Chloronaphthalene	4.2	U	2.9	4.2
88-74-4	2-Nitroaniline	4.2	U	3.1	4.2
208-96-8	Acenaphthylene	4.2	U	3.1	4.2
131-11-3	Dimethylphthalate	4.2	U	3.1	4.2
606-20-2	2,6-Dinitrotoluene	4.2	U	2.9	4.2
83-32-9	Acenaphthene	4.2	U	2.9	4.2
99-09-2	3-Nitroaniline	4.2	U	2.9	4.2
51-28-5	2,4-Dinitrophenol	20.8	U	5.8	20.8
132-64-9	Dibenzofuran	4.2	U	2.8	4.2
121-14-2	2,4-Dinitrotoluene	4.2	U	2.9	4.2
100-02-7	4-Nitrophenol	4.2	U	4.2	4.2
86-73-7	Fluorene	4.2	U	3	4.2
7005-72-3	4-Chlorophenyl-phenylether	4.2	U	2.6	4.2
84-66-2	Diethylphthalate	4.2	U	2.9	4.2
100-01-6	4-Nitroaniline	4.2	U	1.4	4.2
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	4.2
86-30-6	N-Nitrosodiphenylamine	4.2	U	3.5	4.2
101-55-3	4-Bromophenyl-phenylether	4.2	U	2.4	4.2
118-74-1	Hexachlorobenzene	4.2	U	0.43	4.2
87-86-5	Pentachlorophenol	10.4	U	1.4	10.4
85-01-8	Phenanthrene	4.2	U	2.9	4.2

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 76906.D

Sample wt/vol: 960 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1652

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
120-12-7	Anthracene	4.2	U	2.9	4.2
84-74-2	Di-n-butylphthalate	5.6		0.9	4.2
206-44-0	Fluoranthene	4.2	U	2.9	4.2
129-00-0	Pyrene	4.2	U	1.2	4.2
92-87-5	Benzidine	20.8	U	20.8	20.8
85-68-7	Butylbenzylphthalate	4.2	U	3.1	4.2
91-94-1	3,3'-Dichlorobenzidine	4.2	U	2.8	4.2
56-55-3	Benzo(a)anthracene	4.2	U	2.7	4.2
218-01-9	Chrysene	4.2	U	3	4.2
117-81-7	Bis(2-ethylhexyl)phthalate	33.9		4.6	5.2
117-84-0	Di-n-octylphthalate	4.2	U	1.1	4.2
205-99-2	Benzo(b)fluoranthene	4.2	U	2.7	4.2
207-08-9	Benzo(k)fluoranthene	4.2	U	3	4.2
50-32-8	Benzo(a)pyrene	4.2	U	2.9	4.2
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	U	1.7	4.2
53-70-3	Dibenzo(a,h)anthracene	4.2	U	1.2	4.2
191-24-2	Benzo(g,h,i)perylene	4.2	U	2.7	4.2

8270 QC Summary

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 96140MB

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 96140MB Lab File ID: 6235MB.D

Sample wt/vol: 1000 Units: ML Date Received: 08/16/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1125

PercentSolids: 0 decanted : (Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
62-75-9	N-Nitrosodimethylamine	4	U	2.2	4
62-53-3	Aniline	4	U	2.8	4
111-44-4	Bis(2-chloroethyl)ether	4	U	3	4
108-95-2	Phenol	4	U	1.7	4
95-57-8	2-Chlorophenol	4	U	2.9	4
541-73-1	1,3-Dichlorobenzene	4	U	2.7	4
106-46-7	1,4-Dichlorobenzene	4	U	2.7	4
95-50-1	1,2-Dichlorobenzene	4	U	2.6	4
100-51-6	Benzyl alcohol	10	U	3.1	10
108-60-1	2,2'-Oxybis(1-chloropropane)	4	U	3.3	4
95-48-7	2-Methylphenol	4	U	2.6	4
67-72-1	Hexachloroethane	4	U	2.6	4
621-64-7	N-Nitroso-di-n-propylamine	4	U	3	4
106-44-5	4-Methylphenol	10	U	6.1	10
98-95-3	Nitrobenzene	4	U	1	4
78-59-1	Isophorone	4	U	3.8	4
88-75-5	2-Nitrophenol	4	U	0.77	4
105-67-9	2,4-Dimethylphenol	4	U	2.3	4
65-85-0	Benzoic acid	50	U	14	50
111-91-1	Bis(2-chloroethoxy)methane	4	U	3.5	4
120-83-2	2,4-Dichlorophenol	4	U	3.1	4
120-82-1	1,2,4-Trichlorobenzene	4	U	2.6	4
91-20-3	Naphthalene	4	U	2.8	4
106-47-8	4-Chloroaniline	4	U	3	4
91-57-6	2-Methylnaphthalene	4	U	2.8	4
87-68-3	Hexachlorobutadiene	4	U	2.5	4
59-50-7	4-Chloro-3-methylphenol	4	U	2.7	4

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 96140MB

Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769

Matrix: WATER Lab Sample ID: 96140MB Lab File ID: 6235MB.D

Sample wt/vol: 1000 Units: ML Date Received: 08/16/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1125

PercentSolids: 0 decanted : (_____) Dilution Factor: 1

Extraction: SEPF Station ID: _____ Method: 8270

GPC Cleanup : (Y/N) N pH: _____

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
90-12-0	1-Methylnaphthalene	4	U	2.7	4
77-47-4	Hexachlorocyclopentadiene	4	U	0.82	4
88-06-2	2,4,6-Trichlorophenol	4	U	0.84	4
95-95-4	2,4,5-Trichlorophenol	4	U	3.4	4
91-58-7	2-Chloronaphthalene	4	U	2.8	4
88-74-4	2-Nitroaniline	4	U	3	4
208-96-8	Acenaphthylene	4	U	3	4
131-11-3	Dimethylphthalate	4	U	3	4
606-20-2	2,6-Dinitrotoluene	4	U	2.8	4
83-32-9	Acenaphthene	4	U	2.8	4
99-09-2	3-Nitroaniline	4	U	2.8	4
51-28-5	2,4-Dinitrophenol	20	U	5.6	20
132-64-9	Dibenzofuran	4	U	2.7	4
121-14-2	2,4-Dinitrotoluene	4	U	2.8	4
100-02-7	4-Nitrophenol	4	U	4	4
86-73-7	Fluorene	4	U	2.9	4
7005-72-3	4-Chlorophenyl-phenylether	4	U	2.5	4
84-66-2	Diethylphthalate	4	U	2.8	4
100-01-6	4-Nitroaniline	4	U	1.3	4
534-52-1	4,6-Dinitro-2-methylphenol	4	U	4	4
86-30-6	N-Nitrosodiphenylamine	4	U	3.4	4
101-55-3	4-Bromophenyl-phenylether	4	U	2.3	4
118-74-1	Hexachlorobenzene	4	U	0.41	4
87-86-5	Pentachlorophenol	10	U	1.4	10
85-01-8	Phenanthrene	4	U	2.8	4
120-12-7	Anthracene	4	U	2.8	4
84-74-2	Di-n-butylphthalate	4	U	0.86	4

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 96140MB

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 96140MB Lab File ID: 6235MB.D

Sample wt/vol: 1000 Units: ML Date Received: 08/16/11

Concentrated Extract Volume: 1 Date Extracted: 08/16/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1125

PercentSolids: 0 decanted : (Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
206-44-0	Fluoranthene	4	U	2.8	4
129-00-0	Pyrene	4	U	1.2	4
92-87-5	Benzidine	20	U	20	20
85-68-7	Butylbenzylphthalate	4	U	3	4
91-94-1	3,3'-Dichlorobenzidine	4	U	2.7	4
56-55-3	Benzo(a)anthracene	4	U	2.6	4
218-01-9	Chrysene	4	U	2.9	4
117-81-7	Bis(2-ethylhexyl)phthalate	5	U	4.4	5
117-84-0	Di-n-octylphthalate	4	U	1.1	4
205-99-2	Benzo(b)fluoranthene	4	U	2.6	4
207-08-9	Benzo(k)fluoranthene	4	U	2.9	4
50-32-8	Benzo(a)pyrene	4	U	2.8	4
193-39-5	Indeno(1,2,3-cd)pyrene	4	U	1.6	4
53-70-3	Dibenzo(a,h)anthracene	4	U	1.2	4
191-24-2	Benzo(g,h,i)perylene	4	U	2.6	4

2A

WATER SEMI-VOLATILE ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code : PEL Case No. SAS No: SDG NO.: 3503769Column(1): HPMS-5 ID: 0.25 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
96140MB	61.1	37.3	76.2	77.6	95.6	97.8	0
96141LCS	64.1	40.8	82.8	86.6	102.0	102.0	0
96142LCSD	61.2	39.2	79.6	83.2	102.0	101.0	0
USF-CM-001	6.1 *	3.6 *	33.8 *	51.7	1.9 *	60.4	4
USF-CM-002	25.8	16.4	37.8	39.0 *	41.1	44.9	1
USF-CM-003	8.0 *	3.6 *	37.2	51.7	0.7 *	60.0	3
USF-CM-004	42.7	27.1	62.7	65.7	69.1	73.3	0
USF-CM-005	50.5	30.6	69.4	70.6	81.1	82.7	0
USF-CM-006	55.8	35.0	78.9	80.0	96.0	91.7	0

Control Limits

S1	=	2-Fluorophenol	21 - 120
S2	=	Phenol-d5	10 - 94
S3	=	Nitrobenzene-d5	35 - 114
S4	=	2-Fluorobiphenyl	43 - 116
S5	=	2,4,6-Tribromophenol	10 - 122
S6	=	p-Terphenyl-d14	33 - 141

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Form II

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96141LCS

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
N-Nitrosodimethylamine	40	22.1	55.2		20.0	36 - 89
Aniline	40	28.6	71.5		20.0	45 - 155
Bis(2-chloroethyl)ether	40	31.8	79.5		14.0	62 - 110
Phenol	40	16.5	41.2		20.0	30 - 74
2-Chlorophenol	40	30.4	76.0		15.0	51 - 105
1,3-Dichlorobenzene	40	23.3	58.2		16.0	36 - 100
1,4-Dichlorobenzene	40	23.3	58.2		16.0	38 - 100
1,2-Dichlorobenzene	40	24	60.0		20.0	40 - 100
Benzyl alcohol	40	27.6	69.0		20.0	60 - 110
2,2'-Oxybis(1-chloropropane)	40	26.8	67.0		14.0	59 - 119
2-Methylphenol	40	26.4	66.0		15.0	47 - 110
Hexachloroethane	40	21.4	53.5		17.0	32 - 95
N-Nitroso-di-n-propylamine	40	29.8	74.5		20.0	57 - 120
4-Methylphenol	40	26.2	65.5		10.0	37 - 110
Nitrobenzene	40	29.1	72.8		20.0	61 - 110
Isophorone	40	36.4	91.0		20.0	68 - 110
2-Nitrophenol	40	34.2	85.5		20.0	48 - 115
2,4-Dimethylphenol	40	33.4	83.5		20.0	47 - 110
Benzoic acid	140	26.5	18.9		20.0	10 - 60
Bis(2-chloroethoxy)methane	40	35.3	88.2		20.0	61 - 105
2,4-Dichlorophenol	40	35.2	88.0		20.0	54 - 105
1,2,4-Trichlorobenzene	40	28.5	71.2		18.0	45 - 105
Naphthalene	40	30.9	77.2		15.0	50 - 100
4-Chloroaniline	40	34.7	86.8		17.0	52 - 110
2-Methylnaphthalene	40	32.1	80.2		19.0	57 - 105
Hexachlorobutadiene	40	28.1	70.2		20.0	42 - 105
4-Chloro-3-methylphenol	40	33.6	84.0		12.0	55 - 110
1-Methylnaphthalene	40	32.2	80.5		17.0	53 - 125
Hexachlorocyclopentadiene	40	24	60.0		20.0	27 - 139
2,4,6-Trichlorophenol	40	36.3	90.8		19.0	53 - 115
2,4,5-Trichlorophenol	40	37.2	93.0		20.0	50 - 110
2-Chloronaphthalene	40	33.5	83.8		19.0	35 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96141LCS

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
2-Nitroaniline	40	31.8	79.5		18.0	66 - 115
Acenaphthylene	40	36.8	92.0		15.0	58 - 105
Dimethylphthalate	40	38.1	95.2		15.0	62 - 125
2,6-Dinitrotoluene	40	35.8	89.5		17.0	69 - 115
Acenaphthene	40	34	85.0		20.0	60 - 110
3-Nitroaniline	40	35.7	89.2		20.0	61 - 125
2,4-Dinitrophenol	80	71.5	89.4		20.0	56 - 140
Dibenzofuran	40	35.2	88.0		20.0	64 - 105
2,4-Dinitrotoluene	40	36.3	90.8		18.0	69 - 120
4-Nitrophenol	40	17.3	43.2		20.0	27 - 80
Fluorene	40	35.4	88.5		20.0	62 - 110
4-Chlorophenyl-phenylether	40	37.7	94.2		20.0	60 - 110
Diethylphthalate	40	38.7	96.8		13.0	64 - 120
4-Nitroaniline	40	44.1	110.0		20.0	67 - 120
4,6-Dinitro-2-methylphenol	40	34.2	85.5		19.0	44 - 130
N-Nitrosodiphenylamine	40	38.4	96.0		20.0	71 - 110
4-Bromophenyl-phenylether	40	39	97.5		17.0	54 - 113
Hexachlorobenzene	40	33.8	84.5		20.0	68 - 110
Pentachlorophenol	40	32.1	80.2		20.0	41 - 115
Phenanthrene	40	35	87.5		16.0	61 - 115
Anthracene	40	36.8	92.0		14.0	63 - 110
Di-n-butylphthalate	40	37.2	93.0		20.0	65 - 115
Fluoranthene	40	35.3	88.2		11.0	64 - 115
Pyrene	40	35.9	89.8		20.0	62 - 130
Benzidine	80	29.3	36.6		136.0	0 - 98
Butylbenzylphthalate	40	41.1	103.0		20.0	64 - 115
3,3'-Dichlorobenzidine	80	70	87.5		15.0	55 - 110
Benzo(a)anthracene	40	36.7	91.8		20.0	63 - 110
Chrysene	40	38.3	95.8		15.0	60 - 110
Bis(2-ethylhexyl)phthalate	40	44.1	110.0		20.0	63 - 125
Di-n-octylphthalate	40	26.7	66.8		20.0	57 - 135
Benzo(b)fluoranthene	40	28.1	70.2		17.0	60 - 120

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96141LCS

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Benzo(k)fluoranthene	40	25.2	63.0		17.0	54 - 125
Benzo(a)pyrene	40	29.6	74.0		19.0	60 - 110
Indeno(1,2,3-cd)pyrene	40	36.5	91.2		20.0	45 - 125
Dibenzo(a,h)anthracene	40	36.9	92.2		20.0	41 - 125
Benzo(g,h,i)perylene	40	36.7	91.8		20.0	40 - 125

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96142LCSD

Lab Code: PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
N-Nitrosodimethylamine	40	21.9	54.8	0.9	20.0	36 - 89
Aniline	40	29.2	73.0	2.1	20.0	45 - 155
Bis(2-chloroethyl)ether	40	33.2	83.0	4.3	14.0	62 - 110
Phenol	40	17	42.5	3.0	20.0	30 - 74
2-Chlorophenol	40	31.4	78.5	3.2	15.0	51 - 105
1,3-Dichlorobenzene	40	25.6	64.0	9.4	16.0	36 - 100
1,4-Dichlorobenzene	40	25.6	64.0	9.4	16.0	38 - 100
1,2-Dichlorobenzene	40	26.2	65.5	8.8	20.0	40 - 100
Benzyl alcohol	40	29	72.5	4.9	20.0	60 - 110
2,2'-Oxybis(1-chloropropane)	40	27.4	68.5	2.2	14.0	59 - 119
2-Methylphenol	40	27.7	69.2	4.8	15.0	47 - 110
Hexachloroethane	40	23.9	59.8	11.0	17.0	32 - 95
N-Nitroso-di-n-propylamine	40	31.6	79.0	5.9	20.0	57 - 120
4-Methylphenol	40	27.4	68.5	4.5	10.0	37 - 110
Nitrobenzene	40	30.7	76.8	5.4	20.0	61 - 110
Isophorone	40	38.2	95.5	4.8	20.0	68 - 110
2-Nitrophenol	40	35.8	89.5	4.6	20.0	48 - 115
2,4-Dimethylphenol	40	34.8	87.0	4.1	20.0	47 - 110
Benzoic acid	140	40.2	28.7	41.1 *	20.0	10 - 60
Bis(2-chloroethoxy)methane	40	37	92.5	4.7	20.0	61 - 105
2,4-Dichlorophenol	40	36.7	91.8	4.2	20.0	54 - 105
1,2,4-Trichlorobenzene	40	30.5	76.2	6.8	18.0	45 - 105
Naphthalene	40	32.8	82.0	6.0	15.0	50 - 100
4-Chloroaniline	40	36.9	92.2	6.1	17.0	52 - 110
2-Methylnaphthalene	40	33.8	84.5	5.2	19.0	57 - 105
Hexachlorobutadiene	40	30.5	76.2	8.2	20.0	42 - 105
4-Chloro-3-methylphenol	40	35.3	88.2	4.9	12.0	55 - 110
1-Methylnaphthalene	40	34.1	85.2	5.7	17.0	53 - 125
Hexachlorocyclopentadiene	40	25.1	62.8	4.5	20.0	27 - 139
2,4,6-Trichlorophenol	40	37.8	94.5	4.0	19.0	53 - 115
2,4,5-Trichlorophenol	40	38.4	96.0	3.2	20.0	50 - 110
2-Chloronaphthalene	40	34.9	87.2	4.1	19.0	35 - 105

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96142LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
2-Nitroaniline	40	34	85.0	6.7	18.0	66 - 115
Acenaphthylene	40	39.1	97.8	6.1	15.0	58 - 105
Dimethylphthalate	40	39.7	99.2	4.1	15.0	62 - 125
2,6-Dinitrotoluene	40	38	95.0	6.0	17.0	69 - 115
Acenaphthene	40	35.6	89.0	4.6	20.0	60 - 110
3-Nitroaniline	40	36.7	91.8	2.8	20.0	61 - 125
2,4-Dinitrophenol	80	84.4	106.0	16.5	20.0	56 - 140
Dibenzofuran	40	37.2	93.0	5.5	20.0	64 - 105
2,4-Dinitrotoluene	40	38.1	95.2	4.8	18.0	69 - 120
4-Nitrophenol	40	18.2	45.5	5.1	20.0	27 - 80
Fluorene	40	36.7	91.8	3.6	20.0	62 - 110
4-Chlorophenyl-phenylether	40	39.6	99.0	4.9	20.0	60 - 110
Diethylphthalate	40	40.8	102.0	5.3	13.0	64 - 120
4-Nitroaniline	40	45.9	115.0	4.0	20.0	67 - 120
4,6-Dinitro-2-methylphenol	40	36.8	92.0	7.3	19.0	44 - 130
N-Nitrosodiphenylamine	40	40.5	101.0	5.3	20.0	71 - 110
4-Bromophenyl-phenylether	40	41.2	103.0	5.5	17.0	54 - 113
Hexachlorobenzene	40	35.8	89.5	5.7	20.0	68 - 110
Pentachlorophenol	40	35.4	88.5	9.8	20.0	41 - 115
Phenanthrene	40	37	92.5	5.6	16.0	61 - 115
Anthracene	40	38.5	96.2	4.5	14.0	63 - 110
Di-n-butylphthalate	40	38.9	97.2	4.5	20.0	65 - 115
Fluoranthene	40	37.5	93.8	6.0	11.0	64 - 115
Pyrene	40	37.6	94.0	4.6	20.0	62 - 130
Benzidine	80	28.2	35.2	3.8	136.0	0 - 98
Butylbenzylphthalate	40	43.3	108.0	5.2	20.0	64 - 115
3,3'-Dichlorobenzidine	80	73.4	91.8	4.7	15.0	55 - 110
Benzo(a)anthracene	40	38.8	97.0	5.6	20.0	63 - 110
Chrysene	40	40.1	100.0	4.6	15.0	60 - 110
Bis(2-ethylhexyl)phthalate	40	45.8	114.0	3.8	20.0	63 - 125
Di-n-octylphthalate	40	27.6	69.0	3.3	20.0	57 - 135
Benzo(b)fluoranthene	40	28.3	70.8	0.7	17.0	60 - 120

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

SEMI-VOLATILE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96142LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Benzo(k)fluoranthene	40	27.1	67.8	7.3	17.0	54 - 125
Benzo(a)pyrene	40	31.6	79.0	6.5	19.0	60 - 110
Indeno(1,2,3-cd)pyrene	40	38.4	96.0	5.1	20.0	45 - 125
Dibenzo(a,h)anthracene	40	38.1	95.2	3.2	20.0	41 - 125
Benzo(g,h,i)perylene	40	38.6	96.5	5.0	20.0	40 - 125

Spike Recovery: 0 out of 69 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Method 8081 Pesticide Organics

**CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8081

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8081 semi-volatile analysis. Please note that the extracts contained heavy emulsion which required further cleanup.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met with the exception of:

Sample USF-CM-001 was recovered below criteria for the following surrogate:
Tetrachloro-m-xylene at 34 % with criteria of (45-125).

Sample USF-CM-002 was recovered below criteria for the following surrogate:
Tetrachloro-m-xylene at 42 % with criteria of (45-125).

Sample USF-CM-003 was recovered below criteria for the following surrogate:
Tetrachloro-m-xylene at 37 % with criteria of (45-125).

Sample USF-CM-004 was recovered below criteria for the following surrogate:
Tetrachloro-m-xylene at 40 % with criteria of (45-125).

Heavy emulsion observed during the extraction process requiring further cleanup of the extracts is the likely cause for the low surrogate recoveries.

Samples coded accordingly.

**CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

D. Spikes:

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

Data was collected using dual column analysis. Please note that since the samples were non-detect for target analytes, the confirmation column was not required.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Signature: 
Name: Brian C. Spanik **Title:** Lab Director

SIGNED:
08/25/2011

DATE:

PESTICIDE ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330
Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Method: 8081

EPA Sample No

Lab Sample ID

<u>USF-CM-001</u>	<u>350376901</u>
<u>USF-CM-002</u>	<u>350376902</u>
<u>USF-CM-003</u>	<u>350376903</u>
<u>USF-CM-004</u>	<u>350376904</u>
<u>USF-CM-005</u>	<u>350376905</u>
<u>USF-CM-006</u>	<u>350376906</u>

8081 Sample Data

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-001

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 76901.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/16/11 Time: 1634

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.01	U	0.0031	0.01
319-85-7	beta-BHC	0.051	U	0.0012	0.051
319-86-8	delta-BHC	0.051	U	0.0031	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.0024	0.051
76-44-8	Heptachlor	0.051	U	0.004	0.051
309-00-2	Aldrin	0.051	U	0.0016	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.0014	0.051
959-98-8	Endosulfan I	0.051	U	0.0044	0.051
60-57-1	Dieldrin	0.051	U	0.0028	0.051
72-55-9	4,4'-DDE	0.051	U	0.0039	0.051
72-20-8	Endrin	0.051	U	0.0018	0.051
33213-65-9	Endosulfan II	0.051	U	0.0016	0.051
72-54-8	4,4'-DDD	0.051	U	0.0026	0.051
1031-07-8	Endosulfan sulfate	0.051	U	0.001	0.051
50-29-3	4,4'-DDT	0.051	U	0.0011	0.051
72-43-5	Methoxychlor	0.051	U	0.0018	0.051
7421-93-4	Endrin aldehyde	0.051	U	0.0015	0.051
57-74-9	Chlordane	0.51	U	0.051	0.51
8001-35-2	Toxaphene	0.51	U	0.18	0.51

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902.D

Sample wt/vol: 975 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/16/11 Time: 1652

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.01	U	0.0031	0.01
319-85-7	beta-BHC	0.051	U	0.0012	0.051
319-86-8	delta-BHC	0.051	U	0.0031	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.0025	0.051
76-44-8	Heptachlor	0.051	U	0.0041	0.051
309-00-2	Aldrin	0.051	U	0.0016	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.0014	0.051
959-98-8	Endosulfan I	0.051	U	0.0044	0.051
60-57-1	Dieldrin	0.051	U	0.0028	0.051
72-55-9	4,4'-DDE	0.051	U	0.0039	0.051
72-20-8	Endrin	0.051	U	0.0018	0.051
33213-65-9	Endosulfan II	0.051	U	0.0016	0.051
72-54-8	4,4'-DDD	0.051	U	0.0027	0.051
1031-07-8	Endosulfan sulfate	0.051	U	0.001	0.051
50-29-3	4,4'-DDT	0.051	U	0.0011	0.051
72-43-5	Methoxychlor	0.051	U	0.0018	0.051
7421-93-4	Endrin aldehyde	0.051	U	0.0015	0.051
57-74-9	Chlordane	0.51	U	0.051	0.51
8001-35-2	Toxaphene	0.51	U	0.18	0.51

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-003

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 76903.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/16/11 Time: 1710

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.01	U	0.0031	0.01
319-85-7	beta-BHC	0.051	U	0.0012	0.051
319-86-8	delta-BHC	0.051	U	0.0031	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.0024	0.051
76-44-8	Heptachlor	0.051	U	0.004	0.051
309-00-2	Aldrin	0.051	U	0.0016	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.0014	0.051
959-98-8	Endosulfan I	0.051	U	0.0044	0.051
60-57-1	Dieldrin	0.051	U	0.0028	0.051
72-55-9	4,4'-DDE	0.051	U	0.0039	0.051
72-20-8	Endrin	0.051	U	0.0018	0.051
33213-65-9	Endosulfan II	0.051	U	0.0016	0.051
72-54-8	4,4'-DDD	0.051	U	0.0026	0.051
1031-07-8	Endosulfan sulfate	0.051	U	0.001	0.051
50-29-3	4,4'-DDT	0.051	U	0.0011	0.051
72-43-5	Methoxychlor	0.051	U	0.0018	0.051
7421-93-4	Endrin aldehyde	0.051	U	0.0015	0.051
57-74-9	Chlordane	0.51	U	0.051	0.51
8001-35-2	Toxaphene	0.51	U	0.18	0.51

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 76904.D

Sample wt/vol: 990 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/16/11 Time: 1728

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.01	U	0.003	0.01
319-85-7	beta-BHC	0.05	U	0.0012	0.05
319-86-8	delta-BHC	0.05	U	0.003	0.05
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0024	0.05
76-44-8	Heptachlor	0.05	U	0.004	0.05
309-00-2	Aldrin	0.05	U	0.0016	0.05
1024-57-3	Heptachlor epoxide	0.05	U	0.0014	0.05
959-98-8	Endosulfan I	0.05	U	0.0043	0.05
60-57-1	Dieldrin	0.05	U	0.0027	0.05
72-55-9	4,4'-DDE	0.05	U	0.0038	0.05
72-20-8	Endrin	0.05	U	0.0018	0.05
33213-65-9	Endosulfan II	0.05	U	0.0016	0.05
72-54-8	4,4'-DDD	0.05	U	0.0026	0.05
1031-07-8	Endosulfan sulfate	0.05	U	0.001	0.05
50-29-3	4,4'-DDT	0.05	U	0.0011	0.05
72-43-5	Methoxychlor	0.05	U	0.0018	0.05
7421-93-4	Endrin aldehyde	0.05	U	0.0015	0.05
57-74-9	Chlordane	0.5	U	0.05	0.5
8001-35-2	Toxaphene	0.5	U	0.18	0.5

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-005

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 76905.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/16/11 Time: 1344

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.01	U	0.0031	0.01
319-85-7	beta-BHC	0.051	U	0.0012	0.051
319-86-8	delta-BHC	0.051	U	0.0031	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.0024	0.051
76-44-8	Heptachlor	0.051	U	0.004	0.051
309-00-2	Aldrin	0.051	U	0.0016	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.0014	0.051
959-98-8	Endosulfan I	0.051	U	0.0044	0.051
60-57-1	Dieldrin	0.051	U	0.0028	0.051
72-55-9	4,4'-DDE	0.051	U	0.0039	0.051
72-20-8	Endrin	0.051	U	0.0018	0.051
33213-65-9	Endosulfan II	0.051	U	0.0016	0.051
72-54-8	4,4'-DDD	0.051	U	0.0026	0.051
1031-07-8	Endosulfan sulfate	0.051	U	0.001	0.051
50-29-3	4,4'-DDT	0.051	U	0.0011	0.051
72-43-5	Methoxychlor	0.051	U	0.0018	0.051
7421-93-4	Endrin aldehyde	0.051	U	0.0015	0.051
57-74-9	Chlordane	0.51	U	0.051	0.51
8001-35-2	Toxaphene	0.51	U	0.18	0.51

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 76906.D

Sample wt/vol: 985 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/16/11 Time: 1402

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.01	U	0.003	0.01
319-85-7	beta-BHC	0.051	U	0.0012	0.051
319-86-8	delta-BHC	0.051	U	0.003	0.051
58-89-9	gamma-BHC (Lindane)	0.051	U	0.0024	0.051
76-44-8	Heptachlor	0.051	U	0.004	0.051
309-00-2	Aldrin	0.051	U	0.0016	0.051
1024-57-3	Heptachlor epoxide	0.051	U	0.0014	0.051
959-98-8	Endosulfan I	0.051	U	0.0044	0.051
60-57-1	Dieldrin	0.051	U	0.0027	0.051
72-55-9	4,4'-DDE	0.051	U	0.0038	0.051
72-20-8	Endrin	0.051	U	0.0018	0.051
33213-65-9	Endosulfan II	0.051	U	0.0016	0.051
72-54-8	4,4'-DDD	0.051	U	0.0026	0.051
1031-07-8	Endosulfan sulfate	0.051	U	0.001	0.051
50-29-3	4,4'-DDT	0.051	U	0.0011	0.051
72-43-5	Methoxychlor	0.051	U	0.0018	0.051
7421-93-4	Endrin aldehyde	0.051	U	0.0015	0.051
57-74-9	Chlordane	0.51	U	0.051	0.51
8001-35-2	Toxaphene	0.51	U	0.18	0.51

8081 QC Summary

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 96095MB

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 96095MB Lab File ID: 6227MB.D

Sample wt/vol: 1000 Units: ML Date Received: 08/15/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/16/11 Time: 1232

PercentSolids: 0 decanted : (Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
319-84-6	alpha-BHC	0.01	U	0.003	0.01
319-85-7	beta-BHC	0.05	U	0.0012	0.05
319-86-8	delta-BHC	0.05	U	0.003	0.05
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0024	0.05
76-44-8	Heptachlor	0.05	U	0.004	0.05
309-00-2	Aldrin	0.05	U	0.0016	0.05
1024-57-3	Heptachlor epoxide	0.05	U	0.0014	0.05
959-98-8	Endosulfan I	0.05	U	0.0043	0.05
60-57-1	Dieldrin	0.05	U	0.0027	0.05
72-55-9	4,4'-DDE	0.05	U	0.0038	0.05
72-20-8	Endrin	0.05	U	0.0018	0.05
33213-65-9	Endosulfan II	0.05	U	0.0016	0.05
72-54-8	4,4'-DDD	0.05	U	0.0026	0.05
1031-07-8	Endosulfan sulfate	0.05	U	0.001	0.05
50-29-3	4,4'-DDT	0.05	U	0.0011	0.05
72-43-5	Methoxychlor	0.05	U	0.0018	0.05
7421-93-4	Endrin aldehyde	0.05	U	0.0015	0.05
57-74-9	Chlordane	0.5	U	0.05	0.5
8001-35-2	Toxaphene	0.5	U	0.18	0.5

2A

WATER PESTICIDE ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code : PEL Case No. SAS No: SDG NO.: 3503769Column(1): STX-CLP1 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
96095MB	85.0	73.0					0
96096LCS	85.0	68.0					0
96097LCSD	84.0	71.0					0
96098LCSD	75.0	70.0					0
USF-CM-001	34.0 *	45.0					1
USF-CM-002	42.0 *	50.0					1
USF-CM-003	37.0 *	47.0					1
USF-CM-004	40.0 *	47.0					1
USF-CM-005	57.0	56.0					0
USF-CM-006	75.0	66.0					0

Control Limits

S1 = Tetrachloro-m-xylene 45 - 125

S2 = Decachlorobiphenyl 34 - 133

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Form II

250811 1552

PESTICIDE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96096LCS

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
alpha-BHC	0.5	0.44	88.0		17.0	60 - 110
beta-BHC	0.5	0.44	88.0		12.0	61 - 104
delta-BHC	0.5	0.46	92.0		13.0	48 - 116
gamma-BHC (Lindane)	0.5	0.45	90.0		12.0	58 - 108
Heptachlor	0.5	0.45	90.0		14.0	58 - 104
Aldrin	0.5	0.43	86.0		14.0	52 - 100
Heptachlor epoxide	0.5	0.44	88.0		11.0	57 - 112
Endosulfan I	0.5	0.44	88.0		11.0	60 - 110
Dieldrin	0.5	0.45	90.0		11.0	62 - 109
4,4'-DDE	0.5	0.46	92.0		16.0	62 - 114
Endrin	0.5	0.45	90.0		10.0	62 - 117
Endosulfan II	0.5	0.49	98.0		9.0	70 - 122
4,4'-DDD	0.5	0.49	98.0		18.0	65 - 123
Endosulfan sulfate	0.5	0.46	92.0		13.0	72 - 109
4,4'-DDT	0.5	0.44	88.0		21.0	71 - 108
Methoxychlor	0.5	0.44	88.0		20.0	77 - 119
Endrin aldehyde	0.5	0.4	80.0		20.0	10 - 162

Spike Recovery: 0 out of 17 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

PESTICIDE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96097LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
alpha-BHC	0.5	0.45	90.0	2.2	17.0	60 - 110
beta-BHC	0.5	0.46	92.0	4.4	12.0	61 - 104
delta-BHC	0.5	0.48	96.0	4.3	13.0	48 - 116
gamma-BHC (Lindane)	0.5	0.46	92.0	2.2	12.0	58 - 108
Heptachlor	0.5	0.46	92.0	2.2	14.0	58 - 104
Aldrin	0.5	0.44	88.0	2.3	14.0	52 - 100
Heptachlor epoxide	0.5	0.46	92.0	4.4	11.0	57 - 112
Endosulfan I	0.5	0.46	92.0	4.4	11.0	60 - 110
Dieldrin	0.5	0.46	92.0	2.2	11.0	62 - 109
4,4'-DDE	0.5	0.48	96.0	4.3	16.0	62 - 114
Endrin	0.5	0.46	92.0	2.2	10.0	62 - 117
Endosulfan II	0.5	0.5	100.0	2.0	9.0	70 - 122
4,4'-DDD	0.5	0.5	100.0	2.0	18.0	65 - 123
Endosulfan sulfate	0.5	0.47	94.0	2.2	13.0	72 - 109
4,4'-DDT	0.5	0.45	90.0	2.2	21.0	71 - 108
Methoxychlor	0.5	0.46	92.0	4.4	20.0	77 - 119
Endrin aldehyde	0.5	0.43	86.0	7.2	20.0	10 - 162

Spike Recovery: 0 out of 17 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

PESTICIDE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96098LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Toxaphene	10	8.6	86.0			58 - 102

Spike Recovery: 0 out of 1 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Method 8082 PCB Organics

**CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis

IV. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

**CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

This method does not require the use of internal standards.

F. Samples:

Data was collected using dual column analysis. Please note that since the samples were non-detect for target analytes, the confirmation column was not required.

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Signature: 
Name: Brian C. Spanik **Title:** Lab Director

SIGNED:
08/25/2011

DATE:

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330
Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Method: 8082

EPA Sample No	Lab Sample ID
<u>USF-CM-001</u>	<u>350376901</u>
<u>USF-CM-002</u>	<u>350376902</u>
<u>USF-CM-003</u>	<u>350376903</u>
<u>USF-CM-004</u>	<u>350376904</u>
<u>USF-CM-005</u>	<u>350376905</u>
<u>USF-CM-006</u>	<u>350376906</u>

8082 Sample Data

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-001
 Lab Code : PEL Case No. SAS No: SDG No.: 3503769
 Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 76901.D
 Sample wt/vol: 980 Units: ML Date Received: 08/11/11
 Concentrated Extract Volume: 10 Date Extracted: 08/15/11
 Level:(low/med) LOW Date Analyzed: 08/15/11 Time: 1910
 PercentSolids: 0 decanted : Dilution Factor: 1
 Extraction: SEPF Station ID: Method: 8082
 GPC Cleanup : (Y/N) N pH:
 Column(1): STX-CLP1 ID: 0.32 (mm)
 CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	0.51	U	0.37	0.51
11096-82-5	Aroclor-1260	0.51	U	0.26	0.51
11104-28-2	Aroclor-1221	0.51	U	0.44	0.51
11141-16-5	Aroclor-1232	0.51	U	0.2	0.51
53469-21-9	Aroclor-1242	0.51	U	0.32	0.51
12672-29-6	Aroclor-1248	0.51	U	0.13	0.51
11097-69-1	Aroclor-1254	0.51	U	0.12	0.51

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902.D

Sample wt/vol: 975 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/15/11 Time: 1925

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	0.51	U	0.37	0.51
11096-82-5	Aroclor-1260	0.51	U	0.26	0.51
11104-28-2	Aroclor-1221	0.51	U	0.44	0.51
11141-16-5	Aroclor-1232	0.51	U	0.2	0.51
53469-21-9	Aroclor-1242	0.51	U	0.32	0.51
12672-29-6	Aroclor-1248	0.51	U	0.13	0.51
11097-69-1	Aroclor-1254	0.51	U	0.12	0.51

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-003
 Lab Code : PEL Case No. SAS No: SDG No.: 3503769
 Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 76903.D
 Sample wt/vol: 980 Units: ML Date Received: 08/11/11
 Concentrated Extract Volume: 10 Date Extracted: 08/15/11
 Level:(low/med) LOW Date Analyzed: 08/15/11 Time: 1941
 PercentSolids: 0 decanted : Dilution Factor: 1
 Extraction: SEPF Station ID: Method: 8082
 GPC Cleanup : (Y/N) N pH:
 Column(1): STX-CLP1 ID: 0.32 (mm)
 CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	0.51	U	0.37	0.51
11096-82-5	Aroclor-1260	0.51	U	0.26	0.51
11104-28-2	Aroclor-1221	0.51	U	0.44	0.51
11141-16-5	Aroclor-1232	0.51	U	0.2	0.51
53469-21-9	Aroclor-1242	0.51	U	0.32	0.51
12672-29-6	Aroclor-1248	0.51	U	0.13	0.51
11097-69-1	Aroclor-1254	0.51	U	0.12	0.51

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 76904.D

Sample wt/vol: 990 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/15/11 Time: 1956

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	0.5	U	0.36	0.5
11096-82-5	Aroclor-1260	0.5	U	0.25	0.5
11104-28-2	Aroclor-1221	0.5	U	0.43	0.5
11141-16-5	Aroclor-1232	0.5	U	0.2	0.5
53469-21-9	Aroclor-1242	0.5	U	0.31	0.5
12672-29-6	Aroclor-1248	0.5	U	0.13	0.5
11097-69-1	Aroclor-1254	0.5	U	0.12	0.5

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-005
 Lab Code : PEL Case No. SAS No: SDG No.: 3503769
 Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 76905.D
 Sample wt/vol: 980 Units: ML Date Received: 08/11/11
 Concentrated Extract Volume: 10 Date Extracted: 08/15/11
 Level:(low/med) LOW Date Analyzed: 08/15/11 Time: 2011
 PercentSolids: 0 decanted : Dilution Factor: 1
 Extraction: SEPF Station ID: Method: 8082
 GPC Cleanup : (Y/N) N pH:
 Column(1): STX-CLP1 ID: 0.32 (mm)
 CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	0.51	U	0.37	0.51
11096-82-5	Aroclor-1260	0.51	U	0.26	0.51
11104-28-2	Aroclor-1221	0.51	U	0.44	0.51
11141-16-5	Aroclor-1232	0.51	U	0.2	0.51
53469-21-9	Aroclor-1242	0.51	U	0.32	0.51
12672-29-6	Aroclor-1248	0.51	U	0.13	0.51
11097-69-1	Aroclor-1254	0.51	U	0.12	0.51

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 76906.D

Sample wt/vol: 985 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/15/11 Time: 2026

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	0.51	U	0.36	0.51
11096-82-5	Aroclor-1260	0.51	U	0.25	0.51
11104-28-2	Aroclor-1221	0.51	U	0.44	0.51
11141-16-5	Aroclor-1232	0.51	U	0.2	0.51
53469-21-9	Aroclor-1242	0.51	U	0.31	0.51
12672-29-6	Aroclor-1248	0.51	U	0.13	0.51
11097-69-1	Aroclor-1254	0.51	U	0.12	0.51

8082 QC Summary

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 96099MB

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 96099MB Lab File ID: 6228MB.D

Sample wt/vol: 1000 Units: ML Date Received: 08/15/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/15/11 Time: 1809

PercentSolids: 0 decanted : (Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
12674-11-2	Aroclor-1016	0.5	U	0.36	0.5
11096-82-5	Aroclor-1260	0.5	U	0.25	0.5
11104-28-2	Aroclor-1221	0.5	U	0.43	0.5
11141-16-5	Aroclor-1232	0.5	U	0.2	0.5
53469-21-9	Aroclor-1242	0.5	U	0.31	0.5
12672-29-6	Aroclor-1248	0.5	U	0.13	0.5
11097-69-1	Aroclor-1254	0.5	U	0.12	0.5

2A

WATER PCB ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No. SAS No: SDG NO.: 3503769

Column(1): STX-CLP1 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
96099MB	88.0						0
96100LCS	85.0						0
96101LCSD	83.0						0
USF-CM-001	62.0						0
USF-CM-002	69.0						0
USF-CM-003	65.0						0
USF-CM-004	69.0						0
USF-CM-005	70.0						0
USF-CM-006	82.0						0

Control Limits

S1 = Decachlorobiphenyl

16 - 116

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Form II

250811 1553

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96100LCS

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Aroclor-1016	10	8.4	84.0		10.0	56 - 98
Aroclor-1260	10	8.1	81.0		18.0	52 - 101

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96101LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Aroclor-1016	10	8.2	82.0	2.4	10.0	56 - 98
Aroclor-1260	10	7.8	78.0	3.8	18.0	52 - 101

Spike Recovery: 0 out of 2 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Method 8151 Herbicide Organics

**CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8151 chlorinated acid herbicides

IV. PREPARATION

Water samples were prepared by EPA SW846 3510 for 8151 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

Please note CCV1009524, CCV1010104, and CCV1010105 were above criteria at 23.9%, 30.3%, and 32.7% respectively for Dalapon. Since the samples are non-detect for Dalapon, no further action was taken.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 96103LCS was analyzed with the water samples extracted on 08/15/11. The following analyte was recovered above criteria: MCPA at 203 % with criteria of (10-190).

LCS 96104LCS was analyzed with the water samples extracted on 08/15/11. The following analyte was recovered above criteria: MCPA at 239 % with criteria of (10-190). The following analyte exceeded RPD

**CASE NARRATIVE
GC/ECD SEMIVOLATILE ORGANIC**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

criteria: 2,4-DB at 21.2 % with criteria of (20). The following analyte had marginal exceedance limit failures: MCPA at 239 % with criteria of (0-220). Since the samples are non-detect for MCPA with exceedances that are above criteria, no further action was taken.

Samples coded accordingly.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Sample analysis proceeded normally.

Data was collected using dual column analysis. Please note that since the samples were non-detect for target analytes, the confirmation column was not required.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Signature: 
Name: Brian C. Spanik Title: Lab Director

SIGNED:

DATE: 08/25/2011

HERBICIDE ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330
Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Method: 8151

EPA Sample No	Lab Sample ID
USF-CM-001	350376901
USF-CM-002	350376902
USF-CM-003	350376903
USF-CM-004	350376904
USF-CM-005	350376905
USF-CM-006	350376906

8151 Sample Data

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-001

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901 Lab File ID: 76901R.D

Sample wt/vol: 980 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1613

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8151

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
1918-00-9	Dicamba	0.51	U	0.035	0.51
75-99-0	Dalapon	0.64	U	0.38	0.64
93-65-2	MCPD	51	U	41	51
94-74-6	MCPA	51	U	18	51
120-36-5	Dichloroprop	0.51	U	0.18	0.51
94-75-7	2,4'-D	0.51	U	0.15	0.51
93-72-1	2,4,5-TP (Silvex)	0.51	U	0.039	0.51
93-76-5	2,4,5-T	0.51	U	0.11	0.51
94-82-6	2,4-DB	0.31	U	0.31	0.31
88-85-7	Dinoseb	0.51	U	0.057	0.51

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-002

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376902 Lab File ID: 76902R.DSample wt/vol: 985 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 10 Date Extracted: 08/15/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1641PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8151GPC Cleanup : (Y/N) N pH: Column(1): STX-CLP1 ID: 0.32 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
1918-00-9	Dicamba	0.51	U	0.034	0.51
75-99-0	Dalapon	0.63	U	0.38	0.63
93-65-2	MCPD	51	U	41	51
94-74-6	MCPA	51	U	18	51
120-36-5	Dichloroprop	0.51	U	0.18	0.51
94-75-7	2,4'-D	0.51	U	0.15	0.51
93-72-1	2,4,5-TP (Silvex)	0.51	U	0.038	0.51
93-76-5	2,4,5-T	0.51	U	0.11	0.51
94-82-6	2,4-DB	0.3	U	0.3	0.3
88-85-7	Dinoseb	0.51	U	0.057	0.51

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-003

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376903 Lab File ID: 76903R.DSample wt/vol: 980 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 10 Date Extracted: 08/15/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1708PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8151GPC Cleanup : (Y/N) N pH: Column(1): STX-CLP1 ID: 0.32 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
1918-00-9	Dicamba	0.51	U	0.035	0.51
75-99-0	Dalapon	0.64	U	0.38	0.64
93-65-2	MCPD	51	U	41	51
94-74-6	MCPA	51	U	18	51
120-36-5	Dichloroprop	0.51	U	0.18	0.51
94-75-7	2,4'-D	0.51	U	0.15	0.51
93-72-1	2,4,5-TP (Silvex)	0.51	U	0.039	0.51
93-76-5	2,4,5-T	0.51	U	0.11	0.51
94-82-6	2,4-DB	0.31	U	0.31	0.31
88-85-7	Dinoseb	0.51	U	0.057	0.51

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904 Lab File ID: 76904R.D

Sample wt/vol: 990 Units: ML Date Received: 08/11/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1735

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8151

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
1918-00-9	Dicamba	0.5	U	0.034	0.5
75-99-0	Dalapon	0.63	U	0.37	0.63
93-65-2	MCPD	50	U	40	50
94-74-6	MCPA	50	U	18	50
120-36-5	Dichloroprop	0.5	U	0.18	0.5
94-75-7	2,4'-D	0.5	U	0.15	0.5
93-72-1	2,4,5-TP (Silvex)	0.5	U	0.038	0.5
93-76-5	2,4,5-T	0.5	U	0.11	0.5
94-82-6	2,4-DB	0.3	U	0.3	0.3
88-85-7	Dinoseb	0.5	U	0.056	0.5

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-005

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376905 Lab File ID: 76905R.DSample wt/vol: 995 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 10 Date Extracted: 08/15/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1802PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8151GPC Cleanup : (Y/N) N pH: Column(1): STX-CLP1 ID: 0.32 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
1918-00-9	Dicamba	0.5	U	0.034	0.5
75-99-0	Dalapon	0.63	U	0.37	0.63
93-65-2	MCPD	50	U	40	50
94-74-6	MCPA	50	U	18	50
120-36-5	Dichloroprop	0.5	U	0.18	0.5
94-75-7	2,4'-D	0.5	U	0.15	0.5
93-72-1	2,4,5-TP (Silvex)	0.5	U	0.038	0.5
93-76-5	2,4,5-T	0.5	U	0.11	0.5
94-82-6	2,4-DB	0.3	U	0.3	0.3
88-85-7	Dinoseb	0.5	U	0.056	0.5

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

USF-CM-006

Lab Code : PEL Case No. SAS No: SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376906 Lab File ID: 76906.DSample wt/vol: 980 Units: ML Date Received: 08/11/11Concentrated Extract Volume: 10 Date Extracted: 08/15/11Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 1829PercentSolids: 0 decanted : Dilution Factor: 1Extraction: SEPF Station ID: Method: 8151GPC Cleanup : (Y/N) N pH: Column(1): STX-CLP1 ID: 0.32 (mm)CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
1918-00-9	Dicamba	0.51	U	0.035	0.51
75-99-0	Dalapon	0.64	U	0.38	0.64
93-65-2	MCPD	51	U	41	51
94-74-6	MCPA	51	U	18	51
120-36-5	Dichloroprop	0.51	U	0.18	0.51
94-75-7	2,4'-D	0.51	U	0.15	0.51
93-72-1	2,4,5-TP (Silvex)	0.51	U	0.039	0.51
93-76-5	2,4,5-T	0.51	U	0.11	0.51
94-82-6	2,4-DB	0.31	U	0.31	0.31
88-85-7	Dinoseb	0.51	U	0.057	0.51

8151 QC Summary

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 96102MB

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 96102MB Lab File ID: 6229MB.D

Sample wt/vol: 1000 Units: ML Date Received: 08/15/11

Concentrated Extract Volume: 10 Date Extracted: 08/15/11

Level:(low/med) LOW Date Analyzed: 08/17/11 Time: 0739

PercentSolids: 0 decanted : (Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8151

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
1918-00-9	Dicamba	0.5	U	0.034	0.5
75-99-0	Dalapon	0.62	U	0.37	0.62
93-65-2	MCPPP	50	U	40	50
94-74-6	MCPA	50	U	18	50
120-36-5	Dichloroprop	0.5	U	0.18	0.5
94-75-7	2,4'-D	0.5	U	0.15	0.5
93-72-1	2,4,5-TP (Silvex)	0.5	U	0.038	0.5
93-76-5	2,4,5-T	0.5	U	0.11	0.5
94-82-6	2,4-DB	0.3	U	0.3	0.3
88-85-7	Dinoseb	0.5	U	0.056	0.5

2A

WATER HERBICIDE ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No. SAS No: SDG NO.: 3503769

Column(1): STX-CLP1 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
96102MB	64.0						0
96103LCS	72.0						0
96104LCSD	68.0						0
USF-CM-001	57.7						0
USF-CM-002	64.0						0
USF-CM-003	69.2						0
USF-CM-004	76.0						0
USF-CM-005	56.0						0
USF-CM-006	73.1						0

Control Limits

S1 = DCAA

54 - 103

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Form II

250811 1553

HERBICIDE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96103LCS

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Dicamba	1	1.2	120.0		20.0	80 - 172
Dalapon	2.5	2.1	84.0		20.0	33 - 106
MCPP	100	106	106.0		20.0	15 - 170
MCPA	100	203	203.0 *		20.0	10 - 190
Dichloroprop	1	1.4	140.0		20.0	14 - 170
2,4'-D	1	0.79	79.0		20.0	27 - 182
2,4,5-TP (Silvex)	1	0.93	93.0		20.0	36 - 159
2,4,5-T	1	0.86	86.0		20.0	25 - 182
2,4-DB	1	0.8	80.0		20.0	23 - 157
Dinoseb	1	0.82	82.0		20.0	26 - 149

Spike Recovery: 1 out of 10 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

HERBICIDE ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96104LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 3503769

COMPOUND	SPIKE ADDED ug/L	LCS CONCENTRATION ug/L	LCS % REC #	LCS % RPD	QC LIMITS	
					RPD	REC.
Dicamba	1	1.1	110.0	8.7	20.0	80 - 172
Dalapon	2.5	2.2	88.0	4.7	20.0	33 - 106
MCPP	100	96	96.0	9.9	20.0	15 - 170
MCPA	100	239	239.0 *	16.3	20.0	10 - 190
Dichloroprop	1	1.3	130.0	7.4	20.0	14 - 170
2,4'-D	1	0.77	77.0	2.6	20.0	27 - 182
2,4,5-TP (Silvex)	1	0.97	97.0	4.2	20.0	36 - 159
2,4,5-T	1	0.92	92.0	6.7	20.0	25 - 182
2,4-DB	1	0.99	99.0	21.2 *	20.0	23 - 157
Dinoseb	1	0.85	85.0	3.6	20.0	26 - 149

Spike Recovery: 1 out of 10 outside limits

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

Inorganics

Inorganic Data Qualifiers

C (Concentration) Qualifier - Entries and their meanings are:

- J** The reported value obtained was less than the RL but greater than or equal to the MDL.
- E** The reported value obtained was over calibration or linear range.
- U** The reported value obtained was less than the MDL or was not detected.

Q Qualifier - Entries and their meanings are:

- U** The reported value is estimated because of interference. An explanatory comment must be included under "Comments" on the Cover Page if the problem applies to all samples in this data package or on the individual FORM 1 if it is an isolated problem.
- M** Duplicate injection precision was not met (two analyses of the same sample did not agree).
- N** Spiked sample recovery not within control limits.
- E** Serial Dilution percent difference not within control limits.
- S** The reported value was determined by the Method of Standard Additions (MSA).
- W** Post-digestion spike for Furnace AA analysis is out of control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- *** Duplicate analysis not within control limits.
- +** Correlation coefficient for the MSA is less than 0.995.
- X** The data is flagged as rejected by analyst utilizing analytical judgement.

Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can appear in the same field.

M (Method) Qualifier - Enter one of the following:

- P** ICP
- A** Flame AA
- F** Furnace AA
- CV** Manual Cold Vapor AA
- TC** Total Organic Carbon
- AS** Semi-Automated Spectrophotometric
- CA** Midi-Distillation Spectrophotometric
- T** Titrimetric
- C** Manual Spectrophotometric
- GR** Gravimetric
- NR** Analyte was not required by your lab

Inorganic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for inorganic analysis are defined below:

- DL** Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.
- R** Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.
- RE** Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.
- MS** Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).
- SD** Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).
- A** Post Digestion Spike.
- L** Serial Dilution.

Metals Data Package Totals

CASE NARRATIVE METALS

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHOD

Analyses were performed according to the Spectrum Analytical Inc. Standard Operating Procedures and EPA Method 6010B for ICP metals.

IV. PREPARATION

Soil samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3050B.

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 3010A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

ICB1008787 was analyzed on 08/12/11 08:34. The following analyte(s) were detected below RL: Aluminum at 22.2 ug/L, Barium at 0.391 ug/L, Beryllium at 0.162 ug/L, Iron at 21.6 ug/L, Magnesium at 15.1 ug/L, Silver at 3.84 ug/L.

CCB1008821 was analyzed on 08/12/11 12:24. The following analyte(s) were detected below RL: Aluminum at 12.4 ug/L, Iron at 9.07 ug/L, Nickel at -1.18 ug/L, Silver at -0.576 ug/L, Vanadium at 0.462 ug/L, Zinc at 5.13 ug/L.

CCB1008833 was analyzed on 08/12/11 13:46. The following analyte(s) were detected below RL: Barium at 0.265 ug/L, Beryllium at 0.146 ug/L, Iron at 12.6 ug/L, Manganese at -0.428 ug/L.

CCB1008845 was analyzed on 08/12/11 14:53. The following analyte(s) were detected below RL: Iron at 9.54 ug/L.

**CASE NARRATIVE
METALS**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

CCB1008857 was analyzed on 08/12/11 16:01. The following analyte(s) were detected below RL: Aluminum at 12.8 ug/L, Iron at 8.32 ug/L, Manganese at -0.41 ug/L.

CCB1008867 was analyzed on 08/12/11 17:00. The following analyte(s) were detected below RL: Aluminum at 33.6 ug/L, Beryllium at 0.128 ug/L, Iron at 32.1 ug/L, Magnesium at 27.6 ug/L, Manganese at -0.394 ug/L, Silver at -0.763 ug/L. The hits in the blanks are below the RL, therefore, no corrective action was taken.

2. Method Blanks:

All acceptance criteria were met with the exception of:
Blank 95841MB was analyzed with the water samples on 08/12/11. The following analyte(s) were detected below RL: Aluminum at 14.3 ug/L, Calcium at 68.6 ug/L, Iron at 14.7 ug/L. The hits in the blank are below the RL, therefore, no corrective action was taken.
Samples coded accordingly.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

E. Serial Dilution:

All acceptance criteria were met with the exception of:
Serial Dilution 350376907L was analyzed with the soil samples on 08/12/11. The following analyte(s) exceeded criteria: Lead at 79 % with criteria of (10). The most probable cause for SD exceeding limits is sample matrix due to the fact that the LCS/LCSD pass all quality control criteria. No further action was taken.
Samples coded accordingly.

F. ICP Interference Check Samples:

**CASE NARRATIVE
METALS**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

All acceptance criteria were met.

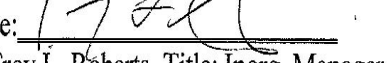
G. Samples:

Sample analysis proceeded normally.

Sample USF-CM-paint-02 required a 100X dilution due to high concentration of the following analyte(s): Lead.

Sample USF-CM-wpaint-01 required a 2X dilution due to high concentration of the following analyte(s): Lead.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Signature: 
Name: Troy L. Roberts Title: Inorg. Manager

SIGNED:

DATE: 08/19/2011

**CASE NARRATIVE
MERCURY**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

I. RECEIPT

Exceptions encountered upon receipt are addressed in the Sample Receipt Confirmation Report, included with the Chain-of-Custody documentation, or communication included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

Analyses were performed according to the Spectrum Analytical Inc. Standard Operating Procedures and EPA Method 7470A.

IV. PREPARATION

Water samples were prepared according to PEL Laboratory's Standard Operating Procedures and EPA Method 7470A.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

1. Calibration Blanks:

All acceptance criteria were met.

2. Method Blanks:

All acceptance criteria were met.

C. Spikes:

1. Laboratory Control Spikes (LCS):

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Post Digestion Spike:

All acceptance criteria were met.

3. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD):

**CASE NARRATIVE
MERCURY**

Spectrum Analytical Inc. Lab Reference No./SDG: 3503769

Client: OTIE

No spikes requested by client.

D. Duplicate:

No sample duplicates are reported with this method. (Spike duplicates are referenced above in section C. Spikes.)

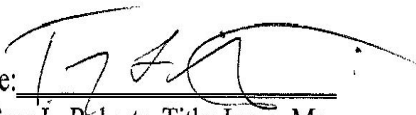
E. Serial Dilution:

All acceptance criteria were met.

F. Samples:

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

Signature: 
Name: Troy L. Roberts Title: Inorg. Manager

SIGNED:

DATE: 08/23/2011

U.S. EPA - CLP
COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1
Lab Code : PEL Case No.: _____ SDG No.: 3503769
SOW No.: _____

EPA Sample No

Lab Sample ID

<u>USF-CM-001</u>	<u>350376901</u>
<u>USF-CM-002</u>	<u>350376902</u>
<u>USF-CM-003</u>	<u>350376903</u>
<u>USF-CM-004</u>	<u>350376904</u>
<u>USF-CM-005</u>	<u>350376905</u>
<u>USF-CM-006</u>	<u>350376906</u>
<u>USF-CM-wpaint-01</u>	<u>350376907</u>
<u>USF-CM-paint-02</u>	<u>350376908</u>

Were ICP interelement corrections applied? Yes/No Yes

Were ICP background corrections applied? Yes/No Yes

If yes - were raw data generated before
application of background corrections? Yes/No No

Comments:

Metals Inorganics Sample Data

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-001

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	98.4	J		P		9.3	100
7440-36-0	Antimony	10	U		P		3.3	10
7440-38-2	Arsenic	5.4	J		P		3.31	10
7440-39-3	Barium	30.5			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	6360			P		39	100
7440-47-3	Chromium	2.78	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	4.63	J		P		2.7	10
7439-89-6	Iron	78.8			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	5870			P		9.8	100
7439-96-5	Manganese	29.2			P		0.35	10
7439-97-6	Mercury	0.2	U		CV		0.037	0.2
7440-02-0	Nickel	1.2	J		P		0.93	5
7440-09-7	Potassium	7240			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	161000			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-001

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376901Level:(low/med) LOW Date Received: 8/11/2011PercentSolids: 0 Station ID: _____CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-62-2	Vanadium	17.3			P		0.44	10
7440-66-6	Zinc	12.1	J		P		4	20

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-002

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376902

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	99.2	J		P		9.3	100
7440-36-0	Antimony	3.52	J		P		3.3	10
7440-38-2	Arsenic	6.82	J		P		3.31	10
7440-39-3	Barium	31.6			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	6640			P		39	100
7440-47-3	Chromium	2.72	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	5.32	J		P		2.7	10
7439-89-6	Iron	76			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	6120			P		9.8	100
7439-96-5	Manganese	30			P		0.35	10
7439-97-6	Mercury	0.2	U		CV		0.037	0.2
7440-02-0	Nickel	1.58	J		P		0.93	5
7440-09-7	Potassium	7500			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	168000			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-002

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376902Level:(low/med) LOW Date Received: 8/11/2011PercentSolids: 0 Station ID: _____CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-62-2	Vanadium	18.5			P		0.44	10
7440-66-6	Zinc	18.7	J		P		4	20

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-003

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376903

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	173			P		9.3	100
7440-36-0	Antimony	3.98	J		P		3.3	10
7440-38-2	Arsenic	5.69	J		P		3.31	10
7440-39-3	Barium	31.2			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	6720			P		39	100
7440-47-3	Chromium	2.99	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	4.6	J		P		2.7	10
7439-89-6	Iron	153			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	6180			P		9.8	100
7439-96-5	Manganese	41.7			P		0.35	10
7439-97-6	Mercury	0.2	U		CV		0.037	0.2
7440-02-0	Nickel	1.68	J		P		0.93	5
7440-09-7	Potassium	7400			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	164000			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-003

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376903Level:(low/med) LOW Date Received: 8/11/2011PercentSolids: 0 Station ID: _____CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-62-2	Vanadium	17.4			P		0.44	10
7440-66-6	Zinc	7.66	J		P		4	20

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330 USF-CM-004

Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID: _____

CONCENTRATION UNITS: *UG/L*

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	255			P		9.3	100
7440-36-0	Antimony	10	U		P		3.3	10
7440-38-2	Arsenic	5.31	J		P		3.31	10
7440-39-3	Barium	33.3			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	6760			P		39	100
7440-47-3	Chromium	2.89	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	5.34	J		P		2.7	10
7439-89-6	Iron	211			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	6120			P		9.8	100
7439-96-5	Manganese	33.7			P		0.35	10
7439-97-6	Mercury	0.2	U		CV		0.037	0.2
7440-02-0	Nickel	1.56	J		P		0.93	5
7440-09-7	Potassium	7660			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	170000			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-004

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376904Level:(low/med) LOW Date Received: 8/11/2011PercentSolids: 0 Station ID: _____CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-62-2	Vanadium	21.2			P		0.44	10
7440-66-6	Zinc	9.89	J		P		4	20

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-005

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	190			P		9.3	100
7440-36-0	Antimony	10	U		P		3.3	10
7440-38-2	Arsenic	10	U		P		3.31	10
7440-39-3	Barium	29.9			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	1590			P		39	100
7440-47-3	Chromium	0.846	J		P		0.43	10
7440-48-4	Cobalt	1.07	J		P		0.37	10
7440-50-8	Copper	6.5	J		P		2.7	10
7439-89-6	Iron	921			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	610			P		9.8	100
7439-96-5	Manganese	269			P		0.35	10
7439-97-6	Mercury	0.2	U		CV		0.037	0.2
7440-02-0	Nickel	5	U		P		0.93	5
7440-09-7	Potassium	2200			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	2570			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-005

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376905Level:(low/med) LOW Date Received: 8/11/2011PercentSolids: 0 Station ID: _____CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-62-2	Vanadium	1.23	J		P		0.44	10
7440-66-6	Zinc	14.3	J		P		4	20

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-006

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: WATER Lab Sample ID: 350376906Level:(low/med) LOW Date Received: 8/11/2011PercentSolids: 0 Station ID: _____CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-62-2	Vanadium	10	U		P		0.44	10
7440-66-6	Zinc	7.17	J		P		4	20

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-wpaint-01

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: SOIL Lab Sample ID: 350376907Level:(low/med) LOW Date Received: 8/11/2011PercentSolids: 100 Station ID: _____CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7439-92-1	Lead	641		E	P		0.659	1.55

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-paint-02

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330Lab Code: PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: SOIL Lab Sample ID: 350376908Level:(low/med) LOW Date Received: 8/11/2011PercentSolids: 100 Station ID: _____CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7439-92-1	Lead	35800			P		31.4	73.9

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

Metals Inorganics QC Summary Data

U.S. EPA - CLP

5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133

350376906A

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769Matrix: WaterLevel:(low/med) LOWConcentration Units (ug/L or mg/kg): ug/L

Analyte	Control Limit %R	Spiked Sample		Sample Result (SR)		Spike Added (SA)	%R	Q	M
			C		C				
Mercury	80 - 120	2.64		-0.02	U	3	88.0		CV

Comments:

250811 1553

U.S. EPA - CLP

5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133

350376907A

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769Matrix: Soil Level:(low/med) LOWConcentration Units (ug/L or mg/kg): ug/L

Analyte	Control Limit %R	Spiked Sample C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Lead	80 - 120	7570.00	6615.93	1000	95.8		P

Comments:

250811 1553

U.S. EPA - CLP

5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133

350377101A

Lab Code: PEL Case No.: SAS No: SDG No.: 3503769Matrix: WaterLevel:(low/med) LOWConcentration Units (ug/L or mg/kg): ug/L

Analyte	Control Limit %R	Spiked Sample C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum	80 - 120	48800.00	38.70 J	50000	97.4		P
Antimony	80 - 120	510.00	-0.84 U	500	102.0		P
Arsenic	80 - 120	537.00	2.22 U	500	107.4		P
Barium	80 - 120	1530.00	29.40	1500	100.0		P
Beryllium	80 - 120	539.00	0.09 U	500	107.8		P
Cadmium	80 - 120	502.00	0.07 U	500	100.4		P
Calcium	80 - 120	116000.00	70489.20	50000	90.5		P
Chromium	80 - 120	516.00	0.85 J	500	103.1		P
Cobalt	80 - 120	498.00	-0.03 U	500	99.6		P
Copper	80 - 120	533.00	1.79 U	500	106.7		P
Iron	80 - 120	48600.00	782.22	50000	95.5		P
Lead	80 - 120	522.00	2.70 U	500	104.5		P
Magnesium	80 - 120	52700.00	3249.85	50000	98.9		P
Manganese	80 - 120	531.00	13.36	500	103.6		P
Nickel	80 - 120	515.00	-1.06 U	500	103.0		P
Potassium	80 - 120	56900.00	7678.93	50000	98.5		P
Selenium	80 - 120	541.00	-14.95 U	500	108.2		P
Silver	80 - 120	194.00	-0.54 U	200	97.1		P
Sodium	80 - 120	58600.00	8604.56	50000	100.0		P
Thallium	80 - 120	508.00	2.77 U	500	101.6		P
Vanadium	80 - 120	527.00	0.28 U	500	105.3		P
Zinc	80 - 120	525.00	10.30 J	500	103.0		P

Comments:

250811 1553

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

95837LCSD

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: SOIL

Level:(low/med) LOW

% Solids for Sample: 100

% Solids for Duplicate: 100

Concentration Units (mg/L or mg/kg): mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Lead	20	51.5		52.8		2.5		P

Comments:

250811 1553

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

95843LCSD

Lab Code : PEL Case No.: _____ SAS No: _____ SDG No.: 3503769Matrix: WATERLevel:(low/med) LOW% Solids for Sample: 0% Solids for Duplicate: 0Concentration Units (mg/L or mg/kg): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	20	47100		49700		5.4		P
Antimony	20	497		528		6.0		P
Arsenic	20	509		536		5.2		P
Barium	20	1460		1530		4.7		P
Beryllium	20	514		538		4.6		P
Cadmium	20	483		508		5.0		P
Calcium	20	48900		51500		5.2		P
Chromium	20	494		520		5.1		P
Cobalt	20	478		504		5.3		P
Copper	20	498		527		5.7		P
Iron	20	46700		49400		5.6		P
Lead	20	504		532		5.4		P
Magnesium	20	49100		51400		4.6		P
Manganese	20	500		525		4.9		P
Nickel	20	495		522		5.3		P
Potassium	20	47300		49800		5.1		P
Selenium	20	523		548		4.7		P
Silver	20	192		203		5.6		P
Sodium	20	48600		51100		5.0		P
Thallium	20	483		511		5.6		P
Vanadium	20	501		530		5.6		P
Zinc	20	501		529		5.4		P

Comments:

250811 1553

U.S. EPA - CLP

6

DUPLICATES

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

96910LCSD

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER

Level:(low/med) LOW

% Solids for Sample: 0

% Solids for Duplicate: 0

Concentration Units (mg/L or mg/kg): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury	20	2.88		2.88		0.0		CV

Comments:

250811 1553

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133

95836LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Solid LCS Source: 40661, 42025, 42449,

Aqueous LCS Source:

Analyte	Aqueous			Solid (mg/Kg)						
	True	Found	%R	True	Found	C	Limits			%R
Lead				49.7	51.5		80	-	120	103.6

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133

95837LCSD

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Solid LCS Source: 40661, 42025, 42449,

Aqueous LCS Source:

Analyte	Aqueous			Solid (mg/Kg)						
	True	Found	%R	True	Found	C	Limits			%R
Lead				49.9	52.8		80	-	120	105.8

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133

95842LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Solid LCS Source:

Aqueous LCS Source: 40661, 42025, 40546,

Analyte	Aqueous (ug/L)			Solid				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	50000	47100	94.2				-	
Antimony	500	497	99.4				-	
Arsenic	500	509	101.8				-	
Barium	1500	1460	97.3				-	
Beryllium	500	514	102.8				-	
Cadmium	500	483	96.6				-	
Calcium	50000	48900	97.8				-	
Chromium	500	494	98.8				-	
Cobalt	500	478	95.6				-	
Copper	500	498	99.6				-	
Iron	50000	46700	93.4				-	
Lead	500	504	100.8				-	
Magnesium	50000	49100	98.2				-	
Manganese	500	500	100.0				-	
Nickel	500	495	99.0				-	
Potassium	50000	47300	94.6				-	
Selenium	500	523	104.6				-	
Silver	200	192	96.0				-	
Sodium	50000	48600	97.2				-	
Thallium	500	483	96.6				-	
Vanadium	500	501	100.2				-	
Zinc	500	501	100.2				-	

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133

95843LCSD

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Solid LCS Source:

Aqueous LCS Source: 40661, 42025, 40546,

Analyte	Aqueous (ug/L)			Solid				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	50000	49700	99.4				-	
Antimony	500	528	105.6				-	
Arsenic	500	536	107.2				-	
Barium	1500	1530	102.0				-	
Beryllium	500	538	107.6				-	
Cadmium	500	508	101.6				-	
Calcium	50000	51500	103.0				-	
Chromium	500	520	104.0				-	
Cobalt	500	504	100.8				-	
Copper	500	527	105.4				-	
Iron	50000	49400	98.8				-	
Lead	500	532	106.4				-	
Magnesium	50000	51400	102.8				-	
Manganese	500	525	105.0				-	
Nickel	500	522	104.4				-	
Potassium	50000	49800	99.6				-	
Selenium	500	548	109.6				-	
Silver	200	203	101.5				-	
Sodium	50000	51100	102.2				-	
Thallium	500	511	102.2				-	
Vanadium	500	530	106.0				-	
Zinc	500	529	105.8				-	

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133 96909LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Solid LCS Source:

Aqueous LCS Source: 42189

Analyte	Aqueous (ug/L)			Solid				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3	2.88	96.0				-	

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/133 96910LCSD

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Solid LCS Source:

Aqueous LCS Source: 42189

Analyte	Aqueous (ug/L)			Solid				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3	2.88	96.0				-	

Chain of Custody Documentation

From: (678) 355-5550
 Ryan Stubbs
 Oneida Total Integrated Enterprises
 1220 Kennestone Circle, Suite 106
 Marietta, GA 30066

Origin ID: NCQA



Ship Date: 10AUG11
 Act/Wgt: 60.0 LB
 CAD: 9320313/NET3180
 Dims: 23 X 13 X 14 IN

Delivery Address Bar Code



SHIP TO: (813) 888-9507

BILL SENDER

Sample Receipt
PEL
8405 BENJAMIN RD STE A

TAMPA, FL 33634

Ref #
 Invoice #
 PO #
 Dept #

2 of 3

THU - 11 AUG A1
PRIORITY OVERNIGHT

MPS# 7950 6704 4947

Mstr# 7950 6704 4914

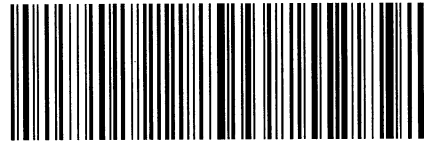
0201

33634

FL-US

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XJ TPFA



50FG1EEET/FSF4

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From: (878) 355-5550
Ryan Stubbs
Oneida Total Integrated Enterprises
1220 Kennestone Circle, Suite 106
Marietta, GA 30066

Origin ID: NCQA



Ship Date: 10AUG11
ActWgt: 60.0 LB
CAD: 9320313/INET3180
Dims: 23 X 13 X 14 IN

Delivery Address Bar Code



SHIP TO: (813) 888-9507
Sample Receipt
PEL
8405 BENJAMIN RD STE A

TAMPA, FL 33634

BILL SENDER

Ref #
Invoice #
PO #
Dept #

1 of 3

THU - 11 AUG A1
PRIORITY OVERNIGHT

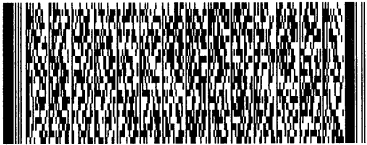
TRK# 7950 6704 4914

0201

MASTER

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From: (678) 355-5550
 Ryan Stubbs
 Oneida Total Integrated Enterprises
 1220 Kennestone Circle, Suite 106
 Marietta, GA 30066

Origin ID: NCQA



Ship Date: 10AUG11
 ActWgt: 65.0 LB
 CAD: 9320313/INET3180
 Dims: 27 X 14 X 15 IN

Delivery Address Bar Code



SHIP TO: (813) 888-9507

BILL SENDER

Sample Receipt
 PEL

8405 BENJAMIN RD STE A

TAMPA, FL 33634

Ref #
 Invoice #
 PO #
 Dept #

3 of 3

THU - 11 AUG A1
 PRIORITY OVERNIGHT

MPS# 7950 6704 4903

0263

Mstr# 7950 6704 4914

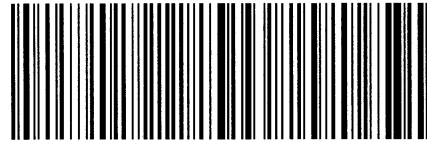
0201

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XJ TPFA



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pH LOG SHEET

WO#: 3503769
 Client/Project US Finishing

SampNumber	Method	Matrix	pH	Containers	Temp	Acid
350376901	6010	W	< 2	(1)		rStallONE 11-Aug-11
350376901	7470	W	< 2	(1)		rStallONE 11-Aug-11
350376901	8260	W	< 2	(3)		rStallONE 11-Aug-11
350376902	6010	W	< 2	(1)		rStallONE 11-Aug-11
350376902	7470	W	< 2	(1)		rStallONE 11-Aug-11
350376902	8260	W	< 2	(3)		rStallONE 11-Aug-11
350376903	8260	W	< 2	(3)		rStallONE 11-Aug-11
350376903	6010	W	< 2	(1)		rStallONE 11-Aug-11
350376903	7470	W	< 2	(1)		rStallONE 11-Aug-11
350376904	7470	W	< 2	(1)		rStallONE 11-Aug-11

SampNumber	Method	Matrix	pH	Containers	Temp	Acid	
350376904	8260	W	< 2	(3)		HCL	rStallONE 11-Aug-11
350376904	6010	W	< 2	(1)		HNO3	rStallONE 11-Aug-11
350376905	6010	W	< 2	(1)		HNO3	rStallONE 11-Aug-11
350376905	7470	W	< 2	(1)		HNO3	rStallONE 11-Aug-11
350376905	8260	W	< 2	(3)		HCL	rStallONE 11-Aug-11
350376906	8260	W	< 2	(3)		HCL	rStallONE 11-Aug-11
350376906	6010	W	< 2	(1)		HNO3	rStallONE 11-Aug-11
350376906	7470	W	< 2	(1)		HNO3	rStallONE 11-Aug-11
350376909	8260	W	< 2	(3)		HCL	rStallONE 11-Aug-11

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	3503769	Req:	90985
Client:	OTIE	Project:	US Finishing Removal Investigation,
Level:	2	Date Rec'd:	8/11/2011 9:00:00 AM
Rec'd via:	Fed-Ex	Due Date:	8/25/2011

Sample Verification

Samples/Cooler Secure?	<input type="text" value="Yes"/>	All Samples on COC accounted For?	<input type="text" value="Yes"/>
Temperature of Samples(Celsius)	<input type="text" value="2.7C-3.5C"/>	All Samples Rec'd Intact?	<input type="text" value="Yes"/>
pH Verified?	<input type="text" value="Yes"/>	Sample Vol. Sufficient For Analysis	<input type="text" value="Yes"/>
pH WNL?	<input type="text" value="Yes"/>	Samples Rec'd W/I Hold Time?	<input type="text" value="Yes"/>
Soil Origin (Domestic/Foreign):	<input type="text" value="Domestic"/>	Are All Samples to be Analyzed?	<input type="text" value="Yes"/>
Site Location/Project on COC?	<input type="text" value="Yes"/>	Correct Sample Containers?	<input type="text" value="Yes"/>
Client Project # on COC?	<input type="text" value="Yes"/>	COC Comments written on COC?	<input type="text" value="Yes"/>
Project Mgr. Indicated on COC?	<input type="text" value="Yes"/>	Samplers Initials on COC?	<input type="text" value="Yes"/>
COC relinquished/Dated by Client?	<input type="text" value="Yes"/>	Sample Date/Time Indicated?	<input type="text" value="Yes"/>
COC Received/Dated by PEL?	<input type="text" value="Yes"/>	TAT Requested:	<input type="text" value="STD"/>
Specific Subcontract Indicated?	<input type="text" value="No"/>	Client Requests Verbal Results?	<input type="text" value="No"/>
Samples Received By	<input type="text" value="Fed-Ex"/>	Client Requests Faxed Results?	<input type="text" value="No"/>
PEL to Conduct ALL Analyses?	<input type="text" value="Yes"/>		
Radioactivity Check?	<input type="text" value="No"/>		
COC Present?	<input type="text" value="Yes"/>		

PEER REVIEW

Client: OTIE

WONo: 3503769

Profile Name: US Finishing

Profile #: 90985

MATRIX S

Sample #	Bottle	Parameter	Check	Received	Date
07	001	6010 Metals	In	Russell Stallone	8/11/2011 3:19:05 PM
07	001	6010 Metals	Out	Claire Heifler	8/11/2011 3:19:35 PM
07	001	6010 Metals	In	Claire Heifler	8/11/2011 3:38:47 PM
07	001	Dry Weight Dry Weight	In	Russell Stallone	8/11/2011 3:19:06 PM
07	001	Dry Weight Dry Weight	Out	Claire Heifler	8/11/2011 3:39:06 PM
07	001	Dry Weight Dry Weight	In	Claire Heifler	8/11/2011 3:39:19 PM
07	001	Dry Weight Dry Weight	Out	Devon Thompson	8/12/2011 9:23:32 AM
07	001	Dry Weight Dry Weight	In	Devon Thompson	8/12/2011 11:02:09 AM
08	001	6010 Metals	In	Russell Stallone	8/11/2011 3:19:08 PM
08	001	6010 Metals	Out	Claire Heifler	8/11/2011 3:19:32 PM
08	001	6010 Metals	In	Claire Heifler	8/11/2011 3:38:48 PM
08	001	Dry Weight Dry Weight	In	Russell Stallone	8/11/2011 3:19:08 PM
08	001	Dry Weight Dry Weight	Out	Claire Heifler	8/11/2011 3:39:04 PM
08	001	Dry Weight Dry Weight	In	Claire Heifler	8/11/2011 3:39:17 PM
08	001	Dry Weight Dry Weight	Out	Devon Thompson	8/12/2011 9:23:36 AM
08	001	Dry Weight Dry Weight	In	Devon Thompson	8/12/2011 11:02:11 AM

WONo: 3503769

Profile Name: US Finishing

Profile #: 90985

MATRIX W

Sample #	Bottle	Parameter	Check	Received	Date
01	005	6010 Metals	In	Russell Stallone	8/11/2011 4:29:29 PM
01	005	6010 Metals	Out	Claire Heifler	8/11/2011 4:39:23 PM
01	005	6010 Metals	In	Claire Heifler	8/11/2011 4:58:22 PM
01	005	7470 Mercury	In	Russell Stallone	8/11/2011 4:29:29 PM
01	005	7470 Mercury	Out	Claire Heifler	8/17/2011 8:57:20 AM
01	005	7470 Mercury	In	Claire Heifler	8/17/2011 9:26:47 AM
01	005	7470 Mercury	Out	Claire Heifler	8/22/2011 10:05:17 AM
01	005	7470 Mercury	In	Claire Heifler	8/22/2011 10:50:45 AM
01	006	8081 Pesticides	In	Russell Stallone	8/11/2011 4:41:11 PM
01	007	8081 Pesticides	In	Russell Stallone	8/11/2011 4:41:12 PM
01	008	8081 Pesticides	In	Russell Stallone	8/11/2011 4:41:13 PM
01	001	8081 Pesticides	In	Russell Stallone	8/11/2011 4:41:14 PM
01	008	8081 Pesticides	Consumed	Tyler Colcord	8/15/2011 9:18:47 AM
01	006	8082 PCB	In	Russell Stallone	8/11/2011 4:41:11 PM
01	007	8082 PCB	In	Russell Stallone	8/11/2011 4:41:12 PM
01	008	8082 PCB	In	Russell Stallone	8/11/2011 4:41:13 PM
01	001	8082 PCB	In	Russell Stallone	8/11/2011 4:41:14 PM
01	008	8082 PCB	Consumed	Tyler Colcord	8/15/2011 9:18:48 AM
01	006	8151 Herbicides	In	Russell Stallone	8/11/2011 4:41:11 PM
01	007	8151 Herbicides	In	Russell Stallone	8/11/2011 4:41:12 PM
01	008	8151 Herbicides	In	Russell Stallone	8/11/2011 4:41:13 PM
01	001	8151 Herbicides	In	Russell Stallone	8/11/2011 4:41:14 PM
01	001	8151 Herbicides	Consumed	Tyler Colcord	8/15/2011 9:19:16 AM
01	002	8260 Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:59 PM
01	003	8260 Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:59 PM
01	004	8260 Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:59 PM
01	002	8260 Volatile Organic Compounds	Consumed	Viviane Wenzel	8/18/2011 11:25:05 AM
01	006	8270 GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:11 PM
01	007	8270 GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:12 PM

WONo: 3503769

Profile Name: US Finishing

Profile #: 90985

01	008	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:13 PM
01	001	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:14 PM
01	007	8270	GCMS semivolatile	Consumed	Justin Bowman	8/16/2011 9:06:09 AM
02	004	6010	Metals	In	Russell Stallone	8/11/2011 4:29:29 PM
02	004	6010	Metals	Out	Claire Heifler	8/11/2011 4:39:14 PM
02	004	6010	Metals	In	Claire Heifler	8/11/2011 4:58:24 PM
02	004	7470	Mercury	In	Russell Stallone	8/11/2011 4:29:29 PM
02	004	7470	Mercury	Out	Claire Heifler	8/17/2011 8:57:49 AM
02	004	7470	Mercury	In	Claire Heifler	8/17/2011 9:26:52 AM
02	004	7470	Mercury	Out	Claire Heifler	8/22/2011 10:05:23 AM
02	004	7470	Mercury	In	Claire Heifler	8/22/2011 10:50:46 AM
02	003	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:07 PM
02	002	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:08 PM
02	001	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:09 PM
02	007	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:10 PM
02	003	8081	Pesticides	Consumed	Tyler Colcord	8/15/2011 9:18:50 AM
02	003	8082	PCB	In	Russell Stallone	8/11/2011 4:41:07 PM
02	002	8082	PCB	In	Russell Stallone	8/11/2011 4:41:08 PM
02	001	8082	PCB	In	Russell Stallone	8/11/2011 4:41:09 PM
02	007	8082	PCB	In	Russell Stallone	8/11/2011 4:41:10 PM
02	003	8082	PCB	Consumed	Tyler Colcord	8/15/2011 9:18:50 AM
02	003	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:07 PM
02	002	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:08 PM
02	001	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:09 PM
02	007	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:10 PM
02	007	8151	Herbicides	Consumed	Tyler Colcord	8/15/2011 9:19:18 AM
02	005	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:56 PM
02	008	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:57 PM
02	006	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:57 PM
02	005	8260	Volatile Organic Compounds	Consumed	Viviane Wenzel	8/18/2011 11:25:09 AM
02	003	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:07 PM

WONo: 3503769

Profile Name: US Finishing

Profile #: 90985

02	002	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:08 PM
02	001	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:09 PM
02	007	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:10 PM
02	001	8270	GCMS semivolatile	Consumed	Justin Bowman	8/16/2011 9:06:16 AM
03	004	6010	Metals	In	Russell Stallone	8/11/2011 4:29:26 PM
03	004	6010	Metals	Out	Claire Heifler	8/11/2011 4:39:07 PM
03	004	6010	Metals	In	Claire Heifler	8/11/2011 4:58:25 PM
03	004	7470	Mercury	In	Russell Stallone	8/11/2011 4:29:26 PM
03	004	7470	Mercury	Out	Claire Heifler	8/17/2011 8:57:12 AM
03	004	7470	Mercury	In	Claire Heifler	8/17/2011 9:26:54 AM
03	004	7470	Mercury	Out	Claire Heifler	8/22/2011 10:05:28 AM
03	004	7470	Mercury	In	Claire Heifler	8/22/2011 10:50:48 AM
03	005	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:03 PM
03	006	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:04 PM
03	007	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:05 PM
03	008	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:06 PM
03	006	8081	Pesticides	Consumed	Tyler Colcord	8/15/2011 9:18:52 AM
03	005	8082	PCB	In	Russell Stallone	8/11/2011 4:41:03 PM
03	006	8082	PCB	In	Russell Stallone	8/11/2011 4:41:04 PM
03	007	8082	PCB	In	Russell Stallone	8/11/2011 4:41:05 PM
03	008	8082	PCB	In	Russell Stallone	8/11/2011 4:41:06 PM
03	006	8082	PCB	Consumed	Tyler Colcord	8/15/2011 9:18:52 AM
03	005	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:03 PM
03	006	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:04 PM
03	007	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:05 PM
03	008	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:06 PM
03	008	8151	Herbicides	Consumed	Tyler Colcord	8/15/2011 9:19:21 AM
03	001	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:52 PM
03	002	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:53 PM
03	003	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:54 PM
03	001	8260	Volatile Organic Compounds	Consumed	Viviane Wenzel	8/18/2011 11:25:13 AM

WONo: 3503769

Profile Name: US Finishing

Profile #: 90985

03	005	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:03 PM
03	006	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:04 PM
03	007	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:05 PM
03	008	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:06 PM
03	007	8270	GCMS semivolatile	Consumed	Justin Bowman	8/16/2011 9:06:24 AM
04	005	6010	Metals	In	Russell Stallone	8/11/2011 4:29:25 PM
04	005	6010	Metals	Out	Claire Heifler	8/11/2011 4:39:01 PM
04	005	6010	Metals	In	Claire Heifler	8/11/2011 4:58:26 PM
04	005	7470	Mercury	In	Russell Stallone	8/11/2011 4:29:25 PM
04	005	7470	Mercury	Out	Claire Heifler	8/17/2011 8:57:33 AM
04	005	7470	Mercury	In	Claire Heifler	8/17/2011 9:26:57 AM
04	005	7470	Mercury	Out	Claire Heifler	8/22/2011 10:05:33 AM
04	005	7470	Mercury	In	Claire Heifler	8/22/2011 10:50:50 AM
04	006	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:59 PM
04	007	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:00 PM
04	008	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:01 PM
04	003	8081	Pesticides	In	Russell Stallone	8/11/2011 4:41:02 PM
04	006	8081	Pesticides	Consumed	Tyler Colcord	8/15/2011 9:18:54 AM
04	006	8082	PCB	In	Russell Stallone	8/11/2011 4:40:59 PM
04	007	8082	PCB	In	Russell Stallone	8/11/2011 4:41:00 PM
04	008	8082	PCB	In	Russell Stallone	8/11/2011 4:41:01 PM
04	003	8082	PCB	In	Russell Stallone	8/11/2011 4:41:02 PM
04	006	8082	PCB	Consumed	Tyler Colcord	8/15/2011 9:18:54 AM
04	006	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:59 PM
04	007	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:00 PM
04	008	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:01 PM
04	003	8151	Herbicides	In	Russell Stallone	8/11/2011 4:41:02 PM
04	003	8151	Herbicides	Consumed	Tyler Colcord	8/15/2011 9:19:22 AM
04	004	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:47 PM
04	001	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:48 PM
04	002	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:49 PM

WONo: 3503769

Profile Name: US Finishing

Profile #: 90985

04	001	8260	Volatile Organic Compounds	Consumed	Viviane Wenzel	8/18/2011 11:25:17 AM
04	006	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:59 PM
04	007	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:00 PM
04	008	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:01 PM
04	003	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:41:02 PM
04	008	8270	GCMS semivolatile	Consumed	Justin Bowman	8/16/2011 9:06:29 AM
05	005	6010	Metals	In	Russell Stallone	8/11/2011 4:29:24 PM
05	005	6010	Metals	Out	Claire Heifler	8/11/2011 4:38:54 PM
05	005	6010	Metals	In	Claire Heifler	8/11/2011 4:58:24 PM
05	005	7470	Mercury	In	Russell Stallone	8/11/2011 4:29:24 PM
05	005	7470	Mercury	Out	Claire Heifler	8/17/2011 8:57:38 AM
05	005	7470	Mercury	In	Claire Heifler	8/17/2011 9:27:00 AM
05	005	7470	Mercury	Out	Claire Heifler	8/22/2011 10:05:44 AM
05	005	7470	Mercury	In	Claire Heifler	8/22/2011 10:50:42 AM
05	003	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:54 PM
05	002	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:55 PM
05	001	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:56 PM
05	004	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:58 PM
05	003	8081	Pesticides	Consumed	Tyler Colcord	8/15/2011 9:18:56 AM
05	003	8082	PCB	In	Russell Stallone	8/11/2011 4:40:54 PM
05	002	8082	PCB	In	Russell Stallone	8/11/2011 4:40:55 PM
05	001	8082	PCB	In	Russell Stallone	8/11/2011 4:40:56 PM
05	004	8082	PCB	In	Russell Stallone	8/11/2011 4:40:58 PM
05	003	8082	PCB	Consumed	Tyler Colcord	8/15/2011 9:18:56 AM
05	003	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:54 PM
05	002	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:55 PM
05	001	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:56 PM
05	004	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:58 PM
05	001	8151	Herbicides	Consumed	Tyler Colcord	8/15/2011 9:19:25 AM
05	008	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:45 PM
05	007	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:45 PM

WONo: 3503769

Profile Name: US Finishing

Profile #: 90985

05	006	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:46 PM
05	008	8260	Volatile Organic Compounds	Consumed	Viviane Wenzel	8/18/2011 11:25:22 AM
05	003	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:54 PM
05	002	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:55 PM
05	001	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:56 PM
05	004	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:58 PM
05	004	8270	GCMS semivolatile	Consumed	Justin Bowman	8/16/2011 9:06:34 AM
06	001	6010	Metals	In	Russell Stallone	8/11/2011 4:29:21 PM
06	001	6010	Metals	Out	Claire Heifler	8/11/2011 4:38:49 PM
06	001	6010	Metals	In	Claire Heifler	8/11/2011 4:58:27 PM
06	001	7470	Mercury	In	Russell Stallone	8/11/2011 4:29:23 PM
06	001	7470	Mercury	Out	Claire Heifler	8/17/2011 8:57:03 AM
06	001	7470	Mercury	In	Claire Heifler	8/17/2011 9:27:02 AM
06	001	7470	Mercury	Out	Claire Heifler	8/22/2011 10:05:49 AM
06	001	7470	Mercury	In	Claire Heifler	8/22/2011 10:50:52 AM
06	005	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:50 PM
06	003	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:52 PM
06	002	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:52 PM
06	006	8081	Pesticides	In	Russell Stallone	8/11/2011 4:40:53 PM
06	003	8081	Pesticides	Consumed	Tyler Colcord	8/15/2011 9:19:01 AM
06	005	8082	PCB	In	Russell Stallone	8/11/2011 4:40:50 PM
06	002	8082	PCB	In	Russell Stallone	8/11/2011 4:40:52 PM
06	003	8082	PCB	In	Russell Stallone	8/11/2011 4:40:52 PM
06	006	8082	PCB	In	Russell Stallone	8/11/2011 4:40:53 PM
06	003	8082	PCB	Consumed	Tyler Colcord	8/15/2011 9:19:01 AM
06	005	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:49 PM
06	003	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:52 PM
06	002	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:52 PM
06	006	8151	Herbicides	In	Russell Stallone	8/11/2011 4:40:53 PM
06	006	8151	Herbicides	Consumed	Tyler Colcord	8/15/2011 9:19:27 AM
06	004	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:43 PM

WONo: 3503769**Profile Name:** US Finishing**Profile #:** 90985

06	008	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:43 PM
06	007	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:43 PM
06	008	8260	Volatile Organic Compounds	Consumed	Viviane Wenzel	8/18/2011 11:25:26 AM
06	005	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:48 PM
06	002	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:52 PM
06	003	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:52 PM
06	006	8270	GCMS semivolatile	In	Russell Stallone	8/11/2011 4:40:53 PM
06	002	8270	GCMS semivolatile	Consumed	Justin Bowman	8/16/2011 9:06:41 AM
09	003	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:40 PM
09	001	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:41 PM
09	002	8260	Volatile Organic Compounds	In	Russell Stallone	8/11/2011 4:08:41 PM
09	001	8260	Volatile Organic Compounds	Consumed	Viviane Wenzel	8/18/2011 11:25:32 AM

Addendum

Letter of Acceptance

Customer Name: Oneida Total Integrated Enterprises
Date and Time Received: 8/11/2011 9:00:00 AM
Date to be Reported: 8/25/2011
Laboratory Submission Number/SDG: 3503769
Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=3503769
Project: US Finishing-Cone Mills/1330
Samples: The submission consisted of 9 samples, including QC, with sample identification shown in the attached data tables.
Tests: The Samples will be analyzed for EPA methods: 6010, 7470, 8081, 8082, 8151, 8260, 8270.

Sample Custody/COC discrepancies:

None.

Notes:

Temp 2.7C, 3.5C, 3.4C
pH <2 8260/6010
TB received and added to COC

Distribution of Report to:

Oneida Total Integrated Enterprises
Attn: Russell Henderson
(W): 6783555550

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 2

Total of: 47 analyses on 9 samples (including QC)

11-Aug-11

Report/SDG #: 3503769

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
U S F - C M - 0 0 1	3 5 0 3 7 6 9 0 1		W	8 / 9 / 2 0 1 1	1 8 4 # 1 0 2 0 P M 9 : 0 0 : 0

Method

6 0 1 0	Metals	6 0 1 0
7 4 7 0	Mercury	7 4 7 0
8 0 8 1	Pesticides	8 0 8 1
8 0 8 2	PCB	8 0 8 2
8 1 5 1	Herbicides	8 1 5 1
8 2 6 0	Volatile Organic Compounds	8 2 6 0
8 2 7 0	GCMS semivolatile	8 2 7 0

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
U S F - C M - 0 0 2	3 5 0 3 7 6 9 0 2		W	8 / 9 / 2 0 1 1	1 8 4 # 1 0 2 0 P M 9 : 0 0 : 0

Method

6 0 1 0	Metals	6 0 1 0
7 4 7 0	Mercury	7 4 7 0
8 0 8 1	Pesticides	8 0 8 1
8 0 8 2	PCB	8 0 8 2
8 1 5 1	Herbicides	8 1 5 1
8 2 6 0	Volatile Organic Compounds	8 2 6 0
8 2 7 0	GCMS semivolatile	8 2 7 0

Report/SDG #: 3503769

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
USF-CM-003	350376903		W	8/9/2011 2:07:00 PM	8/11/2011 9:00:00 AM

Method

6010	Metals	6010
7470	Mercury	7470
8081	Pesticides	8081
8082	PCB	8082
8151	Herbicides	8151
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
USF-CM-004	350376904		W	8/9/2011 2:30:00 PM	8/11/2011 9:00:00 AM

Method

6010	Metals	6010
7470	Mercury	7470
8081	Pesticides	8081
8082	PCB	8082
8151	Herbicides	8151
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
USF-CM-005	350376905		W	8/9/2011 2:50:00 PM	8/11/2011 9:00:00 AM

Method

6010	Metals	6010
7470	Mercury	7470
8081	Pesticides	8081
8082	PCB	8082
8151	Herbicides	8151
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

Report/SDG #: 3503769

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
USF-CM-006	350376906		W	8/9/2011 4:02:00 PM	8/11/2011 9:00:00 AM

Method

6010	Metals	6010
7470	Mercury	7470
8081	Pesticides	8081
8082	PCB	8082
8151	Herbicides	8151
8260	Volatile Organic Compounds	8260
8270	GCMS semivolatile	8270

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
USF-CM-wpaint-01	350376907		S	8/9/2011 3:39:00 PM	8/11/2011 9:00:00 AM

Method

6010	Metals	6010
Dry Weight	Dry Weight	Dry Weight

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
USF-CM-paint-02	350376908		S	8/9/2011 4:45:00 PM	8/11/2011 9:00:00 AM

Method

6010	Metals	6010
Dry Weight	Dry Weight	Dry Weight

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
Trip Blank	350376909		W	8/9/2011	8/11/2011 9:00:00 AM

Method

8260	Volatile Organic Compounds	8260
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Mark Gudnason [Tampa]

From: Mark Gudnason [Tampa]
Sent: Thursday, August 18, 2011 4:05 PM
To: 'Keely Meadows'; Russell Henderson
Subject: FW: 3503769-8270-OTIE

Good afternoon.

This will be in the case narrative for the referenced method.

A. Surrogates:

All acceptance criteria were met with the exception of:

Sample USF-CM-001 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 1.9 % with criteria of (10-122), 2-Fluorophenol at 6.1 % with criteria of (21-120), Nitrobenzene-d5 at 33.8 % with criteria of (35-114), Phenol-d5 at 3.6 % with criteria of (10-94). The sample was observed to have a heavy emulsion during extraction which likely interfered with surrogate recoveries. Since there was no additional sample for re-extraction, no further action was taken.

Sample USF-CM-002 was recovered below criteria for the following surrogate(s): 2-Fluorobiphenyl at 39 % with criteria of (43-116). The low recovery is likely due to matrix interference. Since the other surrogate met criteria, no further action was taken.

Sample USF-CM-003 was recovered below criteria for the following surrogate(s): 2,4,6-Tribromophenol at 0.7 % with criteria of (10-122), 2-Fluorophenol at 8 % with criteria of (21-120), Phenol-d5 at 3.6 % with criteria of (10-94). The sample was observed to have a heavy emulsion during extraction which likely interfered with surrogate recoveries. Since there was no additional sample for re-extraction, no further action was taken.

Samples coded accordingly.

B. Spikes:

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:

LCS 96142LCSD was analyzed with the water samples extracted on 08/16/11. All criteria were met. The following analyte(s) exceeded RPD criteria: Benzoic acid at 41.1 % with criteria of (20). No further action was taken, since percent recovery limits were met.

Samples coded accordingly.

Mark Gudnason [Tampa]

From: Mark Gudnason [Tampa]
Sent: Friday, August 19, 2011 11:42 AM
To: 'Keely Meadows'; Russell Henderson
Subject: FW: 3503769 / US Finishing / 6010
Attachments: 3503769-6010-prelims.pdf

Good morning.

Attached are the metals results, including the paint chips.

This will be in the case narrative for the referenced method.

1. Calibration Blanks:

All acceptance criteria were met. No action required. The following ICB/CCB(s) had element concentrations below the RL:

ICB1008787 was analyzed on 08/12/11 08:34. The following analyte(s) were detected below RL: Aluminum at 22.2 ug/L, Barium at 0.391 ug/L, Beryllium at 0.162 ug/L, Iron at 21.6 ug/L, Magnesium at 15.1 ug/L, Silver at 3.84 ug/L.

CCB1008821 was analyzed on 08/12/11 12:24. The following analyte(s) were detected below RL: Aluminum at 12.4 ug/L, Iron at 9.07 ug/L, Nickel at -1.18 ug/L, Silver at -0.576 ug/L, Vanadium at 0.462 ug/L, Zinc at 5.13 ug/L.

CCB1008833 was analyzed on 08/12/11 13:46. The following analyte(s) were detected below RL: Barium at 0.265 ug/L, Beryllium at 0.146 ug/L, Iron at 12.6 ug/L, Manganese at -0.428 ug/L.

CCB1008845 was analyzed on 08/12/11 14:53. The following analyte(s) were detected below RL: Iron at 9.54 ug/L.

CCB1008857 was analyzed on 08/12/11 16:01. The following analyte(s) were detected below RL: Aluminum at 12.8 ug/L, Iron at 8.32 ug/L, Manganese at -0.41 ug/L.

CCB1008867 was analyzed on 08/12/11 17:00. The following analyte(s) were detected below RL: Aluminum at 33.6 ug/L, Beryllium at 0.128 ug/L, Iron at 32.1 ug/L, Magnesium at 27.6 ug/L, Manganese at -0.394 ug/L, Silver at -0.763 ug/L. The hits in the blanks are below the RL, therefore, no corrective action was taken.

2. Method Blanks:

All acceptance criteria were met with the exception of:

Blank 95841MB was analyzed with the water samples on 08/12/11. The following analyte(s) were detected below RL: Aluminum at 14.3 ug/L, Calcium at 68.6 ug/L, Iron at 14.7 ug/L. The hits in the blank are below the RL, therefore, no corrective action was taken.

Samples coded accordingly.

B. Serial Dilution:

All acceptance criteria were met with the exception of:

Serial Dilution 350376907L was analyzed with the soil samples on 08/12/11. The following analyte(s) exceeded criteria: Lead at 79 % with criteria of (10). The most probable cause for SD exceeding limits is sample matrix due to the fact that the LCS/LCSD pass all quality control criteria. No further action was taken.

Samples coded accordingly.

C. Samples:

Sample analysis proceeded normally.

Sample USF-CM-paint-02 required a 100X dilution due to high concentration of the following analyte(s):
Lead.

Sample USF-CM-wpaint-01 required a 2X dilution due to high concentration of the following analyte(s):
Lead.

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-001

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code: PEL Case No.: SAS No.: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	98.4	J		P		9.3	100
7440-36-0	Antimony	10	U		P		3.3	10
7440-38-2	Arsenic	5.4	J		P		3.31	10
7440-39-3	Barium	30.5			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	6360			P		39	100
7440-47-3	Chromium	2.78	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	4.63	J		P		2.7	10
7439-89-6	Iron	78.8			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	5870			P		9.8	100
7439-96-5	Manganese	29.2			P		0.35	10
7440-02-0	Nickel	1.2	J		P		0.93	5
7440-09-7	Potassium	7240			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	161000			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10
7440-62-2	Vanadium	17.3			P		0.44	10

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-001

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376901

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-66-6	Zinc	12.1	J		P		4	20

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-002

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No.: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376902

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	99.2	J		P		9.3	100
7440-36-0	Antimony	3.52	J		P		3.3	10
7440-38-2	Arsenic	6.82	J		P		3.31	10
7440-39-3	Barium	31.6			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	6640			P		39	100
7440-47-3	Chromium	2.72	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	5.32	J		P		2.7	10
7439-89-6	Iron	76			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	6120			P		9.8	100
7439-96-5	Manganese	30			P		0.35	10
7440-02-0	Nickel	1.58	J		P		0.93	5
7440-09-7	Potassium	7500			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	168000			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10
7440-62-2	Vanadium	18.5			P		0.44	10

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-002

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376902

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-66-6	Zinc	18.7	J		P		4	20

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-003

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No.: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376903

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	173			P		9.3	100
7440-36-0	Antimony	3.98	J		P		3.3	10
7440-38-2	Arsenic	5.69	J		P		3.31	10
7440-39-3	Barium	31.2			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	6720			P		39	100
7440-47-3	Chromium	2.99	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	4.6	J		P		2.7	10
7439-89-6	Iron	153			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	6180			P		9.8	100
7439-96-5	Manganese	41.7			P		0.35	10
7440-02-0	Nickel	1.68	J		P		0.93	5
7440-09-7	Potassium	7400			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	164000			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10
7440-62-2	Vanadium	17.4			P		0.44	10

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-003

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376903

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-66-6	Zinc	7.66	J		P		4	20

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-004

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No.: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	255			P		9.3	100
7440-36-0	Antimony	10	U		P		3.3	10
7440-38-2	Arsenic	5.31	J		P		3.31	10
7440-39-3	Barium	33.3			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	6760			P		39	100
7440-47-3	Chromium	2.89	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	5.34	J		P		2.7	10
7439-89-6	Iron	211			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	6120			P		9.8	100
7439-96-5	Manganese	33.7			P		0.35	10
7440-02-0	Nickel	1.56	J		P		0.93	5
7440-09-7	Potassium	7660			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	170000			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10
7440-62-2	Vanadium	21.2			P		0.44	10

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-004

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376904

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-66-6	Zinc	9.89	J		P		4	20

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-005

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No.: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	190			P		9.3	100
7440-36-0	Antimony	10	U		P		3.3	10
7440-38-2	Arsenic	10	U		P		3.31	10
7440-39-3	Barium	29.9			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	1590			P		39	100
7440-47-3	Chromium	0.846	J		P		0.43	10
7440-48-4	Cobalt	1.07	J		P		0.37	10
7440-50-8	Copper	6.5	J		P		2.7	10
7439-89-6	Iron	921			P		5.5	50
7439-92-1	Lead	15	U		P		3.7	15
7439-95-4	Magnesium	610			P		9.8	100
7439-96-5	Manganese	269			P		0.35	10
7440-02-0	Nickel	5	U		P		0.93	5
7440-09-7	Potassium	2200			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	2570			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10
7440-62-2	Vanadium	1.23	J		P		0.44	10

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-005

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376905

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-66-6	Zinc	14.3	J		P		4	20

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-006

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code: PEL Case No.: SAS No.: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	112			P		9.3	100
7440-36-0	Antimony	10	U		P		3.3	10
7440-38-2	Arsenic	10	U		P		3.31	10
7440-39-3	Barium	30.3			P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	20000			P		39	100
7440-47-3	Chromium	1.28	J		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	39.6			P		2.7	10
7439-89-6	Iron	203			P		5.5	50
7439-92-1	Lead	9.93	J		P		3.7	15
7439-95-4	Magnesium	2050			P		9.8	100
7439-96-5	Manganese	99.2			P		0.35	10
7440-02-0	Nickel	5	U		P		0.93	5
7440-09-7	Potassium	4990			P		71.7	500
7782-49-2	Selenium	20	U		P		4.1	20
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	4160			P		180	300
7440-28-0	Thallium	10	U		P		4.4	10
7440-62-2	Vanadium	10	U		P		0.44	10

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-006

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: WATER Lab Sample ID: 350376906

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-66-6	Zinc	7.17	J		P		4	20

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-wpaint-01

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: SOIL Lab Sample ID: 350376907

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7439-92-1	Lead	641		E	P		0.659	1.55

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

USF-CM-paint-02

Lab Name: Spectrum Analytical, Inc. Contract: US Finishing-Cone Mills/1330

Lab Code : PEL Case No.: SAS No: SDG No.: 3503769

Matrix: SOIL Lab Sample ID: 350376908

Level:(low/med) LOW Date Received: 8/11/2011

PercentSolids: 100 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7439-92-1	Lead	35800			P		31.4	73.9

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

Mark Gudnason [Tampa]

From: Mark Gudnason [Tampa]
Sent: Thursday, August 25, 2011 2:23 PM
To: Russell Henderson; 'Keely Meadows'
Subject: RE: 3503769-8151-US Finishing

Good afternoon.
This will be in the case narrative for the referenced method.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met with the exception of:
LCS 96103LCS was analyzed with the water samples extracted on 08/15/11. The following analyte was recovered above criteria: MCPA at 203 % with criteria of (10-190).

LCS 96104LCSD was analyzed with the water samples extracted on 08/15/11. The following analyte was recovered above criteria: MCPA at 239 % with criteria of (10-190). The following analyte exceeded RPD criteria: 2,4-DB at 21.2 % with criteria of (20). The following analyte had marginal exceedance limit failures: MCPA at 239 % with criteria of (0-220). Since the samples are non-detect for MCPA with exceedances that are above criteria, no further action was taken.

Samples coded accordingly.

B. Calibration:

All acceptance criteria were met.

Please note CCV1009524, CCV1010104, and CCV1010105 were above criteria at 23.9%, 30.3%, and 32.7% respectively for Dalapon. Since the samples are non-detect for Dalapon, no further action was taken.

Mark Gudnason [Tampa]

From: Mark Gudnason [Tampa]
Sent: Thursday, August 25, 2011 2:23 PM
To: 'Keely Meadows'; Russell Henderson
Subject: FW: 3503769-8081-US Finishing

Good afternoon.
This will be in the case narrative for the referenced method.

I. PREPARATION

Water samples were prepared by SW846 EPA 3510 for 8081 semi-volatile analysis. Please note that the extracts contained heavy emulsion which required further cleanup.

A. Surrogates:

All acceptance criteria were met with the exception of:

Sample USF-CM-001 was recovered below criteria for the following surrogate: Tetrachloro-m-xylene at 34 % with criteria of (45-125).

Sample USF-CM-002 was recovered below criteria for the following surrogate: Tetrachloro-m-xylene at 42 % with criteria of (45-125).

Sample USF-CM-003 was recovered below criteria for the following surrogate: Tetrachloro-m-xylene at 37 % with criteria of (45-125).

Sample USF-CM-004 was recovered below criteria for the following surrogate: Tetrachloro-m-xylene at 40 % with criteria of (45-125).

Heavy emulsion observed during the extraction process requiring further cleanup of the extracts is the likely cause for the low surrogate recoveries.

Samples coded accordingly.

End Of Report

Analytical Environmental Services, Inc.**Date:** 18-Aug-11

CLIENT: Oneida Total Integrated Enterprises
Lab Order: 1108D32
Project: US Finishing Cone Mills
Lab ID: 1108D32-001

Client Sample ID: USFCM-WC-001
Collection Date: 8/15/2011 9:40:00 AM

Matrix: SOLID

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
MERCURY, TCLP SW1311/7470A								
Mercury	0.00105	J	0.00103	0.00400	mg/L	150416	1	8/17/2011 12:52:39 PM
ICP METALS, TCLP SW1311/6010C								
Arsenic	1.16		0.0315	0.250	mg/L	150441	1	8/17/2011 1:20:58 PM
Barium	2.74		0.00450	0.500	mg/L	150441	1	8/17/2011 1:20:58 PM
Cadmium	0.134		0.000500	0.0250	mg/L	150441	1	8/17/2011 1:20:58 PM
Chromium	0.0629		0.00300	0.0500	mg/L	150441	1	8/17/2011 1:20:58 PM
Lead	1.26		0.00300	0.0500	mg/L	150441	1	8/17/2011 1:20:58 PM
Selenium	BRL		0.0205	0.100	mg/L	150441	1	8/17/2011 1:20:58 PM
Silver	BRL		0.00150	0.0250	mg/L	150441	1	8/17/2011 1:20:58 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	<	Less than Result value
	>	Greater than Result value	B	Analyte detected in the associated Method Blank
	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix
			BRL	Not detected at MDL

Analytical Environmental Services, Inc.

Date: 18-Aug-11

CLIENT: Oneida Total Integrated Enterprises
Lab Order: 1108D32
Project: US Finishing Cone Mills
Lab ID: 1108D32-002

Client Sample ID: USFCM-WC-002
Collection Date: 8/15/2011 9:50:00 AM

Matrix: SOLID

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
SEMIVOLATILES ORGANICS, TCLP SW1311/8270D (SW3510C) Analyst: YH								
1,4-Dichlorobenzene	BRL		0.017	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
2,4,5-Trichlorophenol	BRL		0.013	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
2,4,6-Trichlorophenol	BRL		0.0098	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
2,4-Dinitrotoluene	BRL		0.014	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
Hexachlorobenzene	BRL		0.015	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
Hexachlorobutadiene	BRL		0.015	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
Hexachloroethane	BRL		0.014	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
m,p-Cresol	BRL		0.019	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
Nitrobenzene	BRL		0.019	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
o-Cresol	BRL		0.012	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
Pentachlorophenol	BRL		0.053	0.50	mg/L	150432	1	8/17/2011 2:44:00 PM
Pyridine	BRL		0.022	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
Cresols, Total	BRL		0.050	0.10	mg/L	150432	1	8/17/2011 2:44:00 PM
Surr: 2,4,6-Tribromophenol	100		0	49.9-152	%REC	150432	1	8/17/2011 2:44:00 PM
Surr: 2-Fluorobiphenyl	87.9		0	53.9-128	%REC	150432	1	8/17/2011 2:44:00 PM
Surr: 2-Fluorophenol	87.2		0	46.7-126	%REC	150432	1	8/17/2011 2:44:00 PM
Surr: 4-Terphenyl-d14	96.4		0	47.4-147	%REC	150432	1	8/17/2011 2:44:00 PM
Surr: Nitrobenzene-d5	90.2		0	51.4-132	%REC	150432	1	8/17/2011 2:44:00 PM
Surr: Phenol-d5	84.7		0	42.9-125	%REC	150432	1	8/17/2011 2:44:00 PM
HERBICIDES, TCLP SW1311/8151A (SW3510C) Analyst: AK								
2,4,5-TP (Silvex)	BRL		0.044	0.20	mg/L	150438	1	8/18/2011 11:58:00 AM
2,4-D	BRL		0.063	0.20	mg/L	150438	1	8/18/2011 11:58:00 AM
Surr: DCAA	107		0	43.9-145	%REC	150438	1	8/18/2011 11:58:00 AM
MERCURY, TCLP SW1311/7470A (SW7470A) Analyst: MP								
Mercury	BRL		0.00103	0.00400	mg/L	150416	1	8/17/2011 12:54:35 PM
ICP METALS, TCLP SW1311/6010C (SW3010A) Analyst: MAW								
Arsenic	0.374		0.0315	0.250	mg/L	150441	1	8/17/2011 1:26:35 PM
Barium	2.25		0.00450	0.500	mg/L	150441	1	8/17/2011 1:26:35 PM
Cadmium	0.0690		0.000500	0.0250	mg/L	150441	1	8/17/2011 1:26:35 PM
Chromium	0.0140	J	0.00300	0.0500	mg/L	150441	1	8/17/2011 1:26:35 PM
Lead	0.183		0.00300	0.0500	mg/L	150441	1	8/17/2011 1:26:35 PM
Selenium	BRL		0.0205	0.100	mg/L	150441	1	8/17/2011 1:26:35 PM
Silver	BRL		0.00150	0.0250	mg/L	150441	1	8/17/2011 1:26:35 PM
PESTICIDES, TCLP SW1311/8081B (SW3510C) Analyst: KDD								
Chlordane	BRL		0.00092	0.0050	mg/L	150440	1	8/18/2011 1:53:00 PM
Endrin	BRL		0.00013	0.0010	mg/L	150440	1	8/18/2011 1:53:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
> Greater than Result value
E Estimated value above quantitation range
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit

< Less than Result value
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
BRL Not detected at MDL

Analytical Environmental Services, Inc.

Date: 18-Aug-11

CLIENT: Oneida Total Integrated Enterprises
Lab Order: 1108D32
Project: US Finishing Cone Mills
Lab ID: 1108D32-002

Client Sample ID: USFCM-WC-002
Collection Date: 8/15/2011 9:50:00 AM

Matrix: SOLID

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
PESTICIDES, TCLP SW1311/8081B (SW3510C) Analyst: KDD								
gamma-BHC	BRL		0.000088	0.00050	mg/L	150440	1	8/18/2011 1:53:00 PM
Heptachlor	BRL		0.00013	0.00050	mg/L	150440	1	8/18/2011 1:53:00 PM
Heptachlor epoxide	BRL		0.000066	0.00050	mg/L	150440	1	8/18/2011 1:53:00 PM
Methoxychlor	BRL		0.00068	0.0050	mg/L	150440	1	8/18/2011 1:53:00 PM
Toxaphene	BRL		0.0010	0.050	mg/L	150440	1	8/18/2011 1:53:00 PM
Surr: Decachlorobiphenyl	69.4		0	32.8-117	%REC	150440	1	8/18/2011 1:53:00 PM
Surr: Tetrachloro-m-xylene	76.9		0	23.5-110	%REC	150440	1	8/18/2011 1:53:00 PM
VOLATILES, TCLP SW1311/8260B (SW5030B) Analyst: JE								
1,1-Dichloroethene	BRL		0.024	0.10	mg/L	150497	20	8/17/2011 4:43:00 PM
1,2-Dichloroethane	BRL		0.0046	0.10	mg/L	150497	20	8/17/2011 4:43:00 PM
2-Butanone	BRL		0.070	0.20	mg/L	150497	20	8/17/2011 4:43:00 PM
Benzene	BRL		0.0075	0.10	mg/L	150497	20	8/17/2011 4:43:00 PM
Carbon tetrachloride	BRL		0.035	0.10	mg/L	150497	20	8/17/2011 4:43:00 PM
Chlorobenzene	BRL		0.0083	0.10	mg/L	150497	20	8/17/2011 4:43:00 PM
Chloroform	BRL		0.0052	0.10	mg/L	150497	20	8/17/2011 4:43:00 PM
Tetrachloroethene	BRL		0.015	0.10	mg/L	150497	20	8/17/2011 4:43:00 PM
Trichloroethene	BRL		0.0063	0.10	mg/L	150497	20	8/17/2011 4:43:00 PM
Vinyl chloride	BRL		0.0092	0.040	mg/L	150497	20	8/17/2011 4:43:00 PM
Surr: 4-Bromofluorobenzene	97.4		0	64.4-125	%REC	150497	20	8/17/2011 4:43:00 PM
Surr: Dibromofluoromethane	103		0	79.8-123	%REC	150497	20	8/17/2011 4:43:00 PM
Surr: Toluene-d8	96.4		0	78.3-116	%REC	150497	20	8/17/2011 4:43:00 PM
POLYCHLORINATED BIPHENYLS SW8082A (SW3550C) Analyst: KDD								
Aroclor 1016	BRL		9.3	78	ug/Kg-dry	150434	1	8/17/2011 5:17:00 PM
Aroclor 1221	BRL		40	78	ug/Kg-dry	150434	1	8/17/2011 5:17:00 PM
Aroclor 1232	BRL		14	78	ug/Kg-dry	150434	1	8/17/2011 5:17:00 PM
Aroclor 1242	BRL		15	78	ug/Kg-dry	150434	1	8/17/2011 5:17:00 PM
Aroclor 1248	BRL		19	78	ug/Kg-dry	150434	1	8/17/2011 5:17:00 PM
Aroclor 1254	380		9.9	78	ug/Kg-dry	150434	1	8/17/2011 5:17:00 PM
Aroclor 1260	300		6.6	78	ug/Kg-dry	150434	1	8/17/2011 5:17:00 PM
Surr: Decachlorobiphenyl	42.9		0	37.8-138	%REC	150434	1	8/17/2011 5:17:00 PM
Surr: Tetrachloro-m-xylene	37.8		0	27.2-138	%REC	150434	1	8/17/2011 5:17:00 PM
PERCENT MOISTURE D2216 Analyst: AZS								
Percent Moisture	14.4		0	0	wt%		1	8/17/2011 10:30:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 > Greater than Result value
 E Estimated value above quantitation range
 J Estimated value detected below Reporting Limit
 Rpt Lim Reporting Limit

< Less than Result value
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 S Spike Recovery outside limits due to matrix
 BRL Not detected at MDL

Analytical Environmental Services, Inc.

Date: 18-Aug-11

CLIENT: Oneida Total Integrated Enterprises
Lab Order: 1108D32
Project: US Finishing Cone Mills
Lab ID: 1108D32-003

Client Sample ID: USFCM-WC-003
Collection Date: 8/15/2011 10:15:00 AM

Matrix: SOLID

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
SEMIVOLATILES ORGANICS, TCLP SW1311/8270D (SW3510C) Analyst: YH								
1,4-Dichlorobenzene	BRL		0.017	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
2,4,5-Trichlorophenol	BRL		0.013	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
2,4,6-Trichlorophenol	BRL		0.0098	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
2,4-Dinitrotoluene	BRL		0.014	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
Hexachlorobenzene	BRL		0.015	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
Hexachlorobutadiene	BRL		0.015	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
Hexachloroethane	BRL		0.014	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
m,p-Cresol	BRL		0.019	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
Nitrobenzene	BRL		0.019	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
o-Cresol	BRL		0.012	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
Pentachlorophenol	BRL		0.053	0.50	mg/L	150432	1	8/17/2011 3:11:00 PM
Pyridine	BRL		0.022	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
Cresols, Total	BRL		0.050	0.10	mg/L	150432	1	8/17/2011 3:11:00 PM
Surr: 2,4,6-Tribromophenol	88.8		0	49.9-152	%REC	150432	1	8/17/2011 3:11:00 PM
Surr: 2-Fluorobiphenyl	81.4		0	53.9-128	%REC	150432	1	8/17/2011 3:11:00 PM
Surr: 2-Fluorophenol	79.3		0	46.7-126	%REC	150432	1	8/17/2011 3:11:00 PM
Surr: 4-Terphenyl-d14	84.5		0	47.4-147	%REC	150432	1	8/17/2011 3:11:00 PM
Surr: Nitrobenzene-d5	80.7		0	51.4-132	%REC	150432	1	8/17/2011 3:11:00 PM
Surr: Phenol-d5	78.3		0	42.9-125	%REC	150432	1	8/17/2011 3:11:00 PM
MERCURY, TCLP SW1311/7470A (SW7470A) Analyst: MP								
Mercury	0.00132	J	0.00103	0.00400	mg/L	150416	1	8/17/2011 12:56:30 PM
ICP METALS, TCLP SW1311/6010C (SW3010A) Analyst: MAW								
Arsenic	0.0568	J	0.0315	0.250	mg/L	150441	1	8/17/2011 1:33:22 PM
Barium	2.93		0.00450	0.500	mg/L	150441	1	8/17/2011 1:33:22 PM
Cadmium	0.0524		0.000500	0.0250	mg/L	150441	1	8/17/2011 1:33:22 PM
Chromium	0.0239	J	0.00300	0.0500	mg/L	150441	1	8/17/2011 1:33:22 PM
Lead	0.203		0.00300	0.0500	mg/L	150441	1	8/17/2011 1:33:22 PM
Selenium	BRL		0.0205	0.100	mg/L	150441	1	8/17/2011 1:33:22 PM
Silver	BRL		0.00150	0.0250	mg/L	150441	1	8/17/2011 1:33:22 PM
VOLATILES, TCLP SW1311/8260B (SW5030B) Analyst: JE								
1,1-Dichloroethene	BRL		0.024	0.10	mg/L	150497	20	8/17/2011 5:08:00 PM
1,2-Dichloroethane	BRL		0.0046	0.10	mg/L	150497	20	8/17/2011 5:08:00 PM
2-Butanone	BRL		0.070	0.20	mg/L	150497	20	8/17/2011 5:08:00 PM
Benzene	BRL		0.0075	0.10	mg/L	150497	20	8/17/2011 5:08:00 PM
Carbon tetrachloride	BRL		0.035	0.10	mg/L	150497	20	8/17/2011 5:08:00 PM
Chlorobenzene	BRL		0.0083	0.10	mg/L	150497	20	8/17/2011 5:08:00 PM
Chloroform	BRL		0.0052	0.10	mg/L	150497	20	8/17/2011 5:08:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
> Greater than Result value
E Estimated value above quantitation range
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit

< Less than Result value
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
BRL Not detected at MDL

Analytical Environmental Services, Inc.

Date: 18-Aug-11

CLIENT: Oneida Total Integrated Enterprises
Lab Order: 1108D32
Project: US Finishing Cone Mills
Lab ID: 1108D32-003

Client Sample ID: USFCM-WC-003
Collection Date: 8/15/2011 10:15:00 AM

Matrix: SOLID

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
VOLATILES, TCLP SW1311/8260B				(SW5030B)				Analyst: JE
Tetrachloroethene	BRL		0.015	0.10	mg/L	150497	20	8/17/2011 5:08:00 PM
Trichloroethene	BRL		0.0063	0.10	mg/L	150497	20	8/17/2011 5:08:00 PM
Vinyl chloride	BRL		0.0092	0.040	mg/L	150497	20	8/17/2011 5:08:00 PM
Surr: 4-Bromofluorobenzene	95.1		0	64.4-125	%REC	150497	20	8/17/2011 5:08:00 PM
Surr: Dibromofluoromethane	104		0	79.8-123	%REC	150497	20	8/17/2011 5:08:00 PM
Surr: Toluene-d8	96.3		0	78.3-116	%REC	150497	20	8/17/2011 5:08:00 PM
POLYCHLORINATED BIPHENYLS SW8082A				(SW3550C)				Analyst: KDD
Aroclor 1016	BRL		4.8	40	ug/Kg-dry	150434	1	8/17/2011 5:28:00 PM
Aroclor 1221	BRL		21	40	ug/Kg-dry	150434	1	8/17/2011 5:28:00 PM
Aroclor 1232	BRL		7.4	40	ug/Kg-dry	150434	1	8/17/2011 5:28:00 PM
Aroclor 1242	BRL		7.6	40	ug/Kg-dry	150434	1	8/17/2011 5:28:00 PM
Aroclor 1248	BRL		9.9	40	ug/Kg-dry	150434	1	8/17/2011 5:28:00 PM
Aroclor 1254	2900		51	400	ug/Kg-dry	150434	10	8/17/2011 7:13:00 PM
Aroclor 1260	2400		34	400	ug/Kg-dry	150434	10	8/17/2011 7:13:00 PM
Surr: Decachlorobiphenyl	39.1		0	37.8-138	%REC	150434	10	8/17/2011 7:13:00 PM
Surr: Tetrachloro-m-xylene	36.8		0	27.2-138	%REC	150434	10	8/17/2011 7:13:00 PM
PERCENT MOISTURE D2216								Analyst: AZS
Percent Moisture	16.7		0	0	wt%		1	8/17/2011 10:30:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	<	Less than Result value
	>	Greater than Result value	B	Analyte detected in the associated Method Blank
	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix
			BRL	Not detected at MDL

Analytical Environmental Services, Inc.**Date:** 18-Aug-11

CLIENT: Oneida Total Integrated Enterprises
Lab Order: 1108D32
Project: US Finishing Cone Mills
Lab ID: 1108D32-004

Client Sample ID: USFCM-WC-004
Collection Date: 8/15/2011 10:40:00 AM

Matrix: SOLID

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
MERCURY, TCLP SW1311/7470A								
Mercury	BRL		0.00103	0.00400	mg/L	150416	1	8/17/2011 12:58:30 PM
ICP METALS, TCLP SW1311/6010C								
Arsenic	0.0423	J	0.0315	0.250	mg/L	150441	1	8/17/2011 1:40:01 PM
Barium	1.72		0.00450	0.500	mg/L	150441	1	8/17/2011 1:40:01 PM
Cadmium	0.0126	J	0.000500	0.0250	mg/L	150441	1	8/17/2011 1:40:01 PM
Chromium	0.0572		0.00300	0.0500	mg/L	150441	1	8/17/2011 1:40:01 PM
Lead	0.129		0.00300	0.0500	mg/L	150441	1	8/17/2011 1:40:01 PM
Selenium	BRL		0.0205	0.100	mg/L	150441	1	8/17/2011 1:40:01 PM
Silver	BRL		0.00150	0.0250	mg/L	150441	1	8/17/2011 1:40:01 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	<	Less than Result value
	>	Greater than Result value	B	Analyte detected in the associated Method Blank
	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix
			BRL	Not detected at MDL

Analytical Environmental Services, Inc.

Date: 18-Aug-11

CLIENT: Oneida Total Integrated Enterprises
Lab Order: 1108D32
Project: US Finishing Cone Mills
Lab ID: 1108D32-005

Client Sample ID: USFCM-WC-005
Collection Date: 8/15/2011 11:00:00 AM

Matrix: SOLID

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
SEMIVOLATILES ORGANICS, TCLP SW1311/8270D (SW3510C) Analyst: YH								
1,4-Dichlorobenzene	BRL		0.017	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
2,4,5-Trichlorophenol	BRL		0.013	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
2,4,6-Trichlorophenol	BRL		0.0098	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
2,4-Dinitrotoluene	BRL		0.014	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
Hexachlorobenzene	BRL		0.015	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
Hexachlorobutadiene	BRL		0.015	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
Hexachloroethane	BRL		0.014	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
m,p-Cresol	BRL		0.019	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
Nitrobenzene	BRL		0.019	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
o-Cresol	BRL		0.012	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
Pentachlorophenol	BRL		0.053	0.50	mg/L	150432	1	8/17/2011 2:17:00 PM
Pyridine	BRL		0.022	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
Cresols, Total	BRL		0.050	0.10	mg/L	150432	1	8/17/2011 2:17:00 PM
Surr: 2,4,6-Tribromophenol	102		0	49.9-152	%REC	150432	1	8/17/2011 2:17:00 PM
Surr: 2-Fluorobiphenyl	91.7		0	53.9-128	%REC	150432	1	8/17/2011 2:17:00 PM
Surr: 2-Fluorophenol	88.4		0	46.7-126	%REC	150432	1	8/17/2011 2:17:00 PM
Surr: 4-Terphenyl-d14	92.1		0	47.4-147	%REC	150432	1	8/17/2011 2:17:00 PM
Surr: Nitrobenzene-d5	93.2		0	51.4-132	%REC	150432	1	8/17/2011 2:17:00 PM
Surr: Phenol-d5	87.9		0	42.9-125	%REC	150432	1	8/17/2011 2:17:00 PM
MERCURY, TCLP SW1311/7470A (SW7470A) Analyst: MP								
Mercury	BRL		0.00103	0.00400	mg/L	150416	1	8/17/2011 1:00:26 PM
ICP METALS, TCLP SW1311/6010C (SW3010A) Analyst: MAW								
Arsenic	0.0455	J	0.0315	0.250	mg/L	150441	1	8/17/2011 1:44:01 PM
Barium	0.133	J	0.00450	0.500	mg/L	150441	1	8/17/2011 1:44:01 PM
Cadmium	0.0604		0.000500	0.0250	mg/L	150441	1	8/17/2011 1:44:01 PM
Chromium	0.0305	J	0.00300	0.0500	mg/L	150441	1	8/17/2011 1:44:01 PM
Lead	1.78		0.00300	0.0500	mg/L	150441	1	8/17/2011 1:44:01 PM
Selenium	0.0256	J	0.0205	0.100	mg/L	150441	1	8/17/2011 1:44:01 PM
Silver	BRL		0.00150	0.0250	mg/L	150441	1	8/17/2011 1:44:01 PM
VOLATILES, TCLP SW1311/8260B (SW5030B) Analyst: JE								
1,1-Dichloroethene	BRL		0.024	0.10	mg/L	150497	20	8/17/2011 3:53:00 PM
1,2-Dichloroethane	BRL		0.0046	0.10	mg/L	150497	20	8/17/2011 3:53:00 PM
2-Butanone	BRL		0.070	0.20	mg/L	150497	20	8/17/2011 3:53:00 PM
Benzene	BRL		0.0075	0.10	mg/L	150497	20	8/17/2011 3:53:00 PM
Carbon tetrachloride	BRL		0.035	0.10	mg/L	150497	20	8/17/2011 3:53:00 PM
Chlorobenzene	BRL		0.0083	0.10	mg/L	150497	20	8/17/2011 3:53:00 PM
Chloroform	BRL		0.0052	0.10	mg/L	150497	20	8/17/2011 3:53:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
> Greater than Result value
E Estimated value above quantitation range
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit

< Less than Result value
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
BRL Not detected at MDL

Analytical Environmental Services, Inc.

Date: 18-Aug-11

CLIENT: Oneida Total Integrated Enterprises
Lab Order: 1108D32
Project: US Finishing Cone Mills
Lab ID: 1108D32-005

Client Sample ID: USFCM-WC-005
Collection Date: 8/15/2011 11:00:00 AM

Matrix: SOLID

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
VOLATILES, TCLP SW1311/8260B				(SW5030B)				Analyst: JE
Tetrachloroethene	BRL		0.015	0.10	mg/L	150497	20	8/17/2011 3:53:00 PM
Trichloroethene	BRL		0.0063	0.10	mg/L	150497	20	8/17/2011 3:53:00 PM
Vinyl chloride	BRL		0.0092	0.040	mg/L	150497	20	8/17/2011 3:53:00 PM
Surr: 4-Bromofluorobenzene	95.1		0	64.4-125	%REC	150497	20	8/17/2011 3:53:00 PM
Surr: Dibromofluoromethane	101		0	79.8-123	%REC	150497	20	8/17/2011 3:53:00 PM
Surr: Toluene-d8	95.5		0	78.3-116	%REC	150497	20	8/17/2011 3:53:00 PM
POLYCHLORINATED BIPHENYLS SW8082A				(SW3550C)				Analyst: KDD
Aroclor 1016	BRL		4.3	36	ug/Kg-dry	150434	1	8/17/2011 5:40:00 PM
Aroclor 1221	BRL		18	36	ug/Kg-dry	150434	1	8/17/2011 5:40:00 PM
Aroclor 1232	BRL		6.5	36	ug/Kg-dry	150434	1	8/17/2011 5:40:00 PM
Aroclor 1242	BRL		6.7	36	ug/Kg-dry	150434	1	8/17/2011 5:40:00 PM
Aroclor 1248	BRL		8.8	36	ug/Kg-dry	150434	1	8/17/2011 5:40:00 PM
Aroclor 1254	630		23	180	ug/Kg-dry	150434	5	8/17/2011 7:24:00 PM
Aroclor 1260	530		15	180	ug/Kg-dry	150434	5	8/17/2011 7:24:00 PM
Surr: Decachlorobiphenyl	40.6		0	37.8-138	%REC	150434	5	8/17/2011 7:24:00 PM
Surr: Tetrachloro-m-xylene	36.6		0	27.2-138	%REC	150434	5	8/17/2011 7:24:00 PM
PERCENT MOISTURE D2216								Analyst: AZS
Percent Moisture	6.44		0	0	wt%		1	8/17/2011 10:30:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	<	Less than Result value
	>	Greater than Result value	B	Analyte detected in the associated Method Blank
	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix
			BRL	Not detected at MDL

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-001

Client Sample ID: D001
Collection Date: 8/10/2011 12:30:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TCL SW8081B					(SW3580)		Analyst: KDD
Chlordane	BRL	4.9		mg/Kg	150395	1	8/17/2011 3:05 PM
Endrin	BRL	0.097		mg/Kg	150395	1	8/17/2011 3:05 PM
gamma-BHC	BRL	0.049		mg/Kg	150395	1	8/17/2011 3:05 PM
Heptachlor	BRL	0.049		mg/Kg	150395	1	8/17/2011 3:05 PM
Heptachlor epoxide	BRL	0.049		mg/Kg	150395	1	8/17/2011 3:05 PM
Methoxychlor	BRL	0.49		mg/Kg	150395	1	8/17/2011 3:05 PM
Toxaphene	BRL	4.9		mg/Kg	150395	1	8/18/2011 2:27 PM
Surr: Decachlorobiphenyl	57.9	30-150		%REC	150395	1	8/17/2011 3:05 PM
Surr: Tetrachloro-m-xylene	59.5	30-150		%REC	150395	1	8/17/2011 3:05 PM
POLYCHLORINATED BIPHENYLS SW8082A					(SW3580)		Analyst: KDD
Aroclor 1016	BRL	0.97		mg/Kg	150394	1	8/17/2011 1:48 PM
Aroclor 1221	BRL	0.97		mg/Kg	150394	1	8/17/2011 1:48 PM
Aroclor 1232	BRL	0.97		mg/Kg	150394	1	8/17/2011 1:48 PM
Aroclor 1242	BRL	0.97		mg/Kg	150394	1	8/17/2011 1:48 PM
Aroclor 1248	BRL	0.97		mg/Kg	150394	1	8/17/2011 1:48 PM
Aroclor 1254	BRL	0.97		mg/Kg	150394	1	8/17/2011 1:48 PM
Aroclor 1260	BRL	0.97		mg/Kg	150394	1	8/17/2011 1:48 PM
Surr: Decachlorobiphenyl	75.8	40.7-175		%REC	150394	1	8/17/2011 1:48 PM
Surr: Tetrachloro-m-xylene	51.5	57.9-188	S	%REC	150394	1	8/17/2011 1:48 PM
CHLORINATED HERBICIDES SW8151A					(SW3580)		Analyst: AK
2,4,5-T	BRL	2000		ug/Kg	150393	1	8/17/2011 2:53 PM
2,4,5-TP (Silvex)	BRL	2000		ug/Kg	150541	1	8/18/2011 2:51 PM
2,4,5-TP (Silvex)	BRL	2000		ug/Kg	150393	1	8/17/2011 2:53 PM
2,4-D	BRL	2000		ug/Kg	150541	1	8/18/2011 2:51 PM
2,4-D	BRL	2000		ug/Kg	150393	1	8/17/2011 2:53 PM
2,4-DB	BRL	4900		ug/Kg	150393	1	8/17/2011 2:53 PM
Dalapon	BRL	4900		ug/Kg	150393	1	8/17/2011 2:53 PM
Dicamba	BRL	2000		ug/Kg	150393	1	8/17/2011 2:53 PM
Dichlorprop	BRL	2000		ug/Kg	150393	1	8/17/2011 2:53 PM
Dinoseb	BRL	5000		ug/Kg	150541	1	8/18/2011 2:51 PM
MCPA	BRL	490000		ug/Kg	150393	1	8/17/2011 2:53 PM
MCPP	BRL	490000		ug/Kg	150393	1	8/17/2011 2:53 PM
Surr: DCAA	72.3	20-127		%REC	150541	1	8/18/2011 2:51 PM
Surr: DCAA	102	20-127		%REC	150393	1	8/17/2011 2:53 PM
METALS, TOTAL SW6010C					(SW3050B)		Analyst: MAW
Arsenic	9.6	0.99		mg/Kg	150405	1	8/16/2011 8:50 PM
Barium	BRL	0.99		mg/Kg	150405	1	8/16/2011 8:50 PM
Cadmium	BRL	0.50		mg/Kg	150405	1	8/16/2011 8:50 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-001

Client Sample ID: D001
Collection Date: 8/10/2011 12:30:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL SW6010C					(SW3050B)		Analyst: MAW
Chromium	12000	50		mg/Kg	150405	100	8/17/2011 1:48 PM
Lead	BRL	0.99		mg/Kg	150405	1	8/16/2011 8:50 PM
Selenium	BRL	0.99		mg/Kg	150405	1	8/16/2011 8:50 PM
Silver	BRL	0.50		mg/Kg	150405	1	8/16/2011 8:50 PM
TOTAL MERCURY - WASTE SW7471B					(SW7471B)		Analyst: MP
Mercury	BRL	0.0986		mg/Kg	150449	1	8/17/2011 3:32 PM
SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
1,4-Dichlorobenzene	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
3,4-Methylphenol	BRL	490		mg/Kg	150392	1	8/17/2011 6:46 PM
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
Pyridine	BRL	490		mg/Kg	150392	1	8/17/2011 6:46 PM
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
2,4,5-Trichlorophenol	BRL	2500		mg/Kg	150392	5	8/17/2011 3:33 PM
2,4,5-Trichlorophenol	BRL	490		mg/Kg	150392	1	8/17/2011 6:46 PM
2,4,6-Trichlorophenol	BRL	490		mg/Kg	150392	5	8/17/2011 3:33 PM
2,4,6-Trichlorophenol	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
2,4-Dinitrotoluene	BRL	490		mg/Kg	150392	5	8/17/2011 3:33 PM
2,4-Dinitrotoluene	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
2-Methylphenol	BRL	490		mg/Kg	150392	5	8/17/2011 3:33 PM
2-Methylphenol	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
Hexachlorobenzene	BRL	490		mg/Kg	150392	5	8/17/2011 3:33 PM
Hexachlorobenzene	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
Hexachlorobutadiene	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
Hexachlorobutadiene	BRL	490		mg/Kg	150392	5	8/17/2011 3:33 PM
Hexachloroethane	BRL	490		mg/Kg	150392	5	8/17/2011 3:33 PM
Hexachloroethane	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
Nitrobenzene	BRL	490		mg/Kg	150392	5	8/17/2011 3:33 PM
Nitrobenzene	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
Pentachlorophenol	BRL	490		mg/Kg	150392	1	8/17/2011 6:46 PM
Pentachlorophenol	BRL	2500		mg/Kg	150392	5	8/17/2011 3:33 PM
Pyrene	BRL	98		mg/Kg	150392	1	8/17/2011 6:46 PM
Pyrene	BRL	490		mg/Kg	150392	5	8/17/2011 3:33 PM
Surr: 2,4,6-Tribromophenol	105	56.6-181		%REC	150392	1	8/17/2011 6:46 PM
Surr: 2,4,6-Tribromophenol	69.8	56.6-181		%REC	150392	5	8/17/2011 3:33 PM
Surr: 2-Fluorobiphenyl	77.8	64.9-140		%REC	150392	5	8/17/2011 3:33 PM
Surr: 2-Fluorobiphenyl	116	64.9-140		%REC	150392	1	8/17/2011 6:46 PM
Surr: 2-Fluorophenol	72.7	50.5-175		%REC	150392	5	8/17/2011 3:33 PM
Surr: 2-Fluorophenol	128	50.5-175		%REC	150392	1	8/17/2011 6:46 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
BRL Below Reporting Limit
H Holding times for preparation or analysis exceeded
N Analyte not NELAC certified
B Analyte detected in the associated Method Blank
> Greater than Result value

E Estimated (Value above quantitation range)
S Spike Recovery outside limits due to matrix
Narr See Case Narrative
NC Not Confirmed
< Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-001

Client Sample ID: D001
Collection Date: 8/10/2011 12:30:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
Surr: 4-Terphenyl-d14	131	58.3-145		%REC	150392	1	8/17/2011 6:46 PM
Surr: 4-Terphenyl-d14	76.4	58.3-145		%REC	150392	5	8/17/2011 3:33 PM
Surr: Nitrobenzene-d5	65.3	49.6-157		%REC	150392	5	8/17/2011 3:33 PM
Surr: Nitrobenzene-d5	117	49.6-157		%REC	150392	1	8/17/2011 6:46 PM
Surr: Phenol-d5	123	46-187		%REC	150392	1	8/17/2011 6:46 PM
Surr: Phenol-d5	76.2	46-187		%REC	150392	5	8/17/2011 3:33 PM
TCL VOLATILE ORGANICS SW8260B					(SW5035)		Analyst: JE
1,1-Dichloroethene	BRL	2400		ug/Kg	150418	50	8/17/2011 5:35 PM
1,2-Dichloroethane	BRL	2400		ug/Kg	150418	50	8/17/2011 5:35 PM
2-Butanone	BRL	24000		ug/Kg	150418	50	8/17/2011 5:35 PM
Benzene	BRL	2400		ug/Kg	150418	50	8/17/2011 5:35 PM
Carbon tetrachloride	BRL	2400		ug/Kg	150418	50	8/17/2011 5:35 PM
Chlorobenzene	BRL	2400		ug/Kg	150418	50	8/17/2011 5:35 PM
Chloroform	BRL	2400		ug/Kg	150418	50	8/17/2011 5:35 PM
Tetrachloroethene	BRL	2400		ug/Kg	150418	50	8/17/2011 5:35 PM
Trichloroethene	BRL	2400		ug/Kg	150418	50	8/17/2011 5:35 PM
Vinyl chloride	BRL	4800		ug/Kg	150418	50	8/17/2011 5:35 PM
Surr: 4-Bromofluorobenzene	96.2	56-137		%REC	150418	50	8/17/2011 5:35 PM
Surr: Dibromofluoromethane	101	73.7-137		%REC	150418	50	8/17/2011 5:35 PM
Surr: Toluene-d8	95.0	69.2-126		%REC	150418	50	8/17/2011 5:35 PM
IGNITABILITY SW1010							Analyst: AZS
Ignitability	180	0	>	°F		1	8/17/2011 9:30 AM
CYANIDE, REACTIVE SW7.3.3.2					(SW7.3.3.2)		Analyst: CG
Cyanide, Reactive	BRL	0.990		mg/Kg	150461	1	8/17/2011 2:40 PM
SULFIDE, REACTIVE SW7.3.4.2					(SW7.3.4.2)		Analyst: AZS
Sulfide, Reactive	BRL	100		mg/Kg	150498	1	8/17/2011 5:00 PM
LABORATORY HYDROGEN ION (PH) SW9045D					(SW9045D)		Analyst: SRI
pH	5.27	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-002

Client Sample ID: D002/D003
Collection Date: 8/10/2011 12:50:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TCL SW8081B					(SW3580)		Analyst: KDD
Chlordane	BRL	4.9		mg/Kg	150395	1	8/17/2011 3:16 PM
Endrin	BRL	0.097		mg/Kg	150395	1	8/17/2011 3:16 PM
gamma-BHC	BRL	0.049		mg/Kg	150395	1	8/17/2011 3:16 PM
Heptachlor	BRL	0.049		mg/Kg	150395	1	8/17/2011 3:16 PM
Heptachlor epoxide	BRL	0.049		mg/Kg	150395	1	8/17/2011 3:16 PM
Methoxychlor	BRL	0.49		mg/Kg	150395	1	8/17/2011 3:16 PM
Toxaphene	BRL	4.9		mg/Kg	150395	1	8/18/2011 2:38 PM
Surr: Decachlorobiphenyl	67.2	30-150		%REC	150395	1	8/17/2011 3:16 PM
Surr: Tetrachloro-m-xylene	89.8	30-150		%REC	150395	1	8/17/2011 3:16 PM
CHLORINATED HERBICIDES SW8151A					(SW3580)		Analyst: AK
2,4,5-T	BRL	1900		ug/Kg	150393	1	8/17/2011 3:21 PM
2,4,5-TP (Silvex)	BRL	1900		ug/Kg	150393	1	8/17/2011 3:21 PM
2,4,5-TP (Silvex)	BRL	2000		ug/Kg	150541	1	8/18/2011 3:20 PM
2,4-D	BRL	1900		ug/Kg	150393	1	8/17/2011 3:21 PM
2,4-D	BRL	2000		ug/Kg	150541	1	8/18/2011 3:20 PM
2,4-DB	BRL	4800		ug/Kg	150393	1	8/17/2011 3:21 PM
Dalapon	BRL	4800		ug/Kg	150393	1	8/17/2011 3:21 PM
Dicamba	BRL	1900		ug/Kg	150393	1	8/17/2011 3:21 PM
Dichlorprop	BRL	1900		ug/Kg	150393	1	8/17/2011 3:21 PM
Dinoseb	BRL	5000		ug/Kg	150541	1	8/18/2011 3:20 PM
MCPA	BRL	480000		ug/Kg	150393	1	8/17/2011 3:21 PM
MCPP	BRL	480000		ug/Kg	150393	1	8/17/2011 3:21 PM
Surr: DCAA	96.1	20-127		%REC	150541	1	8/18/2011 3:20 PM
Surr: DCAA	64.7	20-127		%REC	150393	1	8/17/2011 3:21 PM
MERCURY, TCLP SW1311/7470A					(SW7470A)		Analyst: TAA
Mercury	BRL	0.00400		mg/L	150826	1	8/25/2011 3:30 PM
METALS, TOTAL SW6010C					(SW3050B)		Analyst: MAW
Arsenic	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:26 PM
Barium	13	0.99		mg/Kg	150405	1	8/16/2011 9:26 PM
Cadmium	BRL	0.49		mg/Kg	150405	1	8/16/2011 9:26 PM
Chromium	1.1	0.49		mg/Kg	150405	1	8/16/2011 9:26 PM
Lead	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:26 PM
Selenium	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:26 PM
Silver	BRL	0.49		mg/Kg	150405	1	8/16/2011 9:26 PM
TOTAL MERCURY - WASTE SW7471B					(SW7471B)		Analyst: MP
Mercury	12.0	4.86		mg/Kg	150449	50	8/17/2011 4:14 PM
SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-002

Client Sample ID: D002/D003
Collection Date: 8/10/2011 12:50:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
1,4-Dichlorobenzene	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
3,4-Methylphenol	BRL	480		mg/Kg	150392	1	8/17/2011 7:15 PM
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
Pyridine	BRL	480		mg/Kg	150392	1	8/17/2011 7:15 PM
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
2,4,5-Trichlorophenol	BRL	2400		mg/Kg	150392	5	8/17/2011 3:05 PM
2,4,5-Trichlorophenol	BRL	480		mg/Kg	150392	1	8/17/2011 7:15 PM
2,4,6-Trichlorophenol	BRL	480		mg/Kg	150392	5	8/17/2011 3:05 PM
2,4,6-Trichlorophenol	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
2,4-Dinitrotoluene	BRL	480		mg/Kg	150392	5	8/17/2011 3:05 PM
2,4-Dinitrotoluene	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
2-Methylphenol	BRL	480		mg/Kg	150392	5	8/17/2011 3:05 PM
2-Methylphenol	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
Hexachlorobenzene	BRL	480		mg/Kg	150392	5	8/17/2011 3:05 PM
Hexachlorobenzene	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
Hexachlorobutadiene	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
Hexachlorobutadiene	BRL	480		mg/Kg	150392	5	8/17/2011 3:05 PM
Hexachloroethane	BRL	480		mg/Kg	150392	5	8/17/2011 3:05 PM
Hexachloroethane	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
Nitrobenzene	BRL	480		mg/Kg	150392	5	8/17/2011 3:05 PM
Nitrobenzene	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
Pentachlorophenol	BRL	480		mg/Kg	150392	1	8/17/2011 7:15 PM
Pentachlorophenol	BRL	2400		mg/Kg	150392	5	8/17/2011 3:05 PM
Pyrene	BRL	480		mg/Kg	150392	5	8/17/2011 3:05 PM
Pyrene	BRL	95		mg/Kg	150392	1	8/17/2011 7:15 PM
Surr: 2,4,6-Tribromophenol	105	56.6-181		%REC	150392	5	8/17/2011 3:05 PM
Surr: 2,4,6-Tribromophenol	119	56.6-181		%REC	150392	1	8/17/2011 7:15 PM
Surr: 2-Fluorobiphenyl	108	64.9-140		%REC	150392	5	8/17/2011 3:05 PM
Surr: 2-Fluorobiphenyl	118	64.9-140		%REC	150392	1	8/17/2011 7:15 PM
Surr: 2-Fluorophenol	116	50.5-175		%REC	150392	5	8/17/2011 3:05 PM
Surr: 2-Fluorophenol	135	50.5-175		%REC	150392	1	8/17/2011 7:15 PM
Surr: 4-Terphenyl-d14	130	58.3-145		%REC	150392	1	8/17/2011 7:15 PM
Surr: 4-Terphenyl-d14	107	58.3-145		%REC	150392	5	8/17/2011 3:05 PM
Surr: Nitrobenzene-d5	117	49.6-157		%REC	150392	1	8/17/2011 7:15 PM
Surr: Nitrobenzene-d5	93.8	49.6-157		%REC	150392	5	8/17/2011 3:05 PM
Surr: Phenol-d5	134	46-187		%REC	150392	1	8/17/2011 7:15 PM
Surr: Phenol-d5	115	46-187		%REC	150392	5	8/17/2011 3:05 PM
TCL VOLATILE ORGANICS SW8260B					(SW5035)		Analyst: JCT

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-002

Client Sample ID: D002/D003
Collection Date: 8/10/2011 12:50:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS SW8260B					(SW5035)		Analyst: JCT
1,1-Dichloroethene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:25 PM
1,2-Dichloroethane	BRL	2500		ug/Kg	150418	50	8/17/2011 5:25 PM
2-Butanone	BRL	25000		ug/Kg	150418	50	8/17/2011 5:25 PM
Benzene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:25 PM
Carbon tetrachloride	BRL	2500		ug/Kg	150418	50	8/17/2011 5:25 PM
Chlorobenzene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:25 PM
Chloroform	BRL	2500		ug/Kg	150418	50	8/17/2011 5:25 PM
Tetrachloroethene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:25 PM
Trichloroethene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:25 PM
Vinyl chloride	BRL	5000		ug/Kg	150418	50	8/17/2011 5:25 PM
Surr: 4-Bromofluorobenzene	84.1	56-137		%REC	150418	50	8/17/2011 5:25 PM
Surr: Dibromofluoromethane	115	73.7-137		%REC	150418	50	8/17/2011 5:25 PM
Surr: Toluene-d8	91.5	69.2-126		%REC	150418	50	8/17/2011 5:25 PM
IGNITABILITY SW1010							Analyst: AZS
Ignitability	180	0	>	°F		1	8/17/2011 9:30 AM
CYANIDE, REACTIVE SW7.3.3.2					(SW7.3.3.2)		Analyst: CG
Cyanide, Reactive	BRL	0.980		mg/Kg	150461	1	8/17/2011 2:40 PM
SULFIDE, REACTIVE SW7.3.4.2					(SW7.3.4.2)		Analyst: AZS
Sulfide, Reactive	BRL	100		mg/Kg	150498	1	8/17/2011 5:00 PM
LABORATORY HYDROGEN ION (PH) SW9045D					(SW9045D)		Analyst: SRI
pH	8.56	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-003

Client Sample ID: D004
Collection Date: 8/10/2011 1:10:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TCL	SW8081B				(SW3580)		Analyst: KDD
Chlordane	BRL	25		mg/Kg	150395	5	8/17/2011 3:27 PM
Endrin	BRL	0.49		mg/Kg	150395	5	8/17/2011 3:27 PM
gamma-BHC	BRL	0.25		mg/Kg	150395	5	8/17/2011 3:27 PM
Heptachlor	BRL	0.25		mg/Kg	150395	5	8/17/2011 3:27 PM
Heptachlor epoxide	BRL	0.25		mg/Kg	150395	5	8/17/2011 3:27 PM
Methoxychlor	BRL	2.5		mg/Kg	150395	5	8/17/2011 3:27 PM
Toxaphene	BRL	25		mg/Kg	150395	5	8/18/2011 4:39 PM
Surr: Decachlorobiphenyl	75.9	30-150		%REC	150395	5	8/17/2011 3:27 PM
Surr: Tetrachloro-m-xylene	68.4	30-150		%REC	150395	5	8/17/2011 3:27 PM
POLYCHLORINATED BIPHENYLS	SW8082A				(SW3580)		Analyst: KDD
Aroclor 1016	BRL	4.9		mg/Kg	150394	5	8/17/2011 1:59 PM
Aroclor 1221	BRL	4.9		mg/Kg	150394	5	8/17/2011 1:59 PM
Aroclor 1232	BRL	4.9		mg/Kg	150394	5	8/17/2011 1:59 PM
Aroclor 1242	BRL	4.9		mg/Kg	150394	5	8/17/2011 1:59 PM
Aroclor 1248	BRL	4.9		mg/Kg	150394	5	8/17/2011 1:59 PM
Aroclor 1254	BRL	4.9		mg/Kg	150394	5	8/17/2011 1:59 PM
Aroclor 1260	BRL	4.9		mg/Kg	150394	5	8/17/2011 1:59 PM
Surr: Decachlorobiphenyl	68.7	40.7-175		%REC	150394	5	8/17/2011 1:59 PM
Surr: Tetrachloro-m-xylene	130	57.9-188		%REC	150394	5	8/17/2011 1:59 PM
CHLORINATED HERBICIDES	SW8151A				(SW3580)		Analyst: AK
2,4,5-T	BRL	2000		ug/Kg	150393	1	8/17/2011 3:50 PM
2,4,5-TP (Silvex)	BRL	20000		ug/Kg	150541	10	8/18/2011 3:49 PM
2,4,5-TP (Silvex)	BRL	2000		ug/Kg	150393	1	8/17/2011 3:50 PM
2,4-D	BRL	2000		ug/Kg	150393	1	8/17/2011 3:50 PM
2,4-D	BRL	20000		ug/Kg	150541	10	8/18/2011 3:49 PM
2,4-DB	BRL	49000		ug/Kg	150393	1	8/17/2011 3:50 PM
Dalapon	BRL	4900		ug/Kg	150393	1	8/17/2011 3:50 PM
Dicamba	BRL	2000		ug/Kg	150393	1	8/17/2011 3:50 PM
Dichlorprop	BRL	2000		ug/Kg	150393	1	8/17/2011 3:50 PM
Dinoseb	BRL	50000		ug/Kg	150541	10	8/18/2011 3:49 PM
MCPA	BRL	490000		ug/Kg	150393	1	8/17/2011 3:50 PM
MCPP	BRL	490000		ug/Kg	150393	1	8/17/2011 3:50 PM
Surr: DCAA	71.2	20-127		%REC	150393	1	8/17/2011 3:50 PM
Surr: DCAA	138	20-127	S	%REC	150541	10	8/18/2011 3:49 PM
METALS, TOTAL	SW6010C				(SW3050B)		Analyst: MAW
Arsenic	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:30 PM
Barium	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:30 PM
Cadmium	BRL	0.49		mg/Kg	150405	1	8/16/2011 9:30 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-003

Client Sample ID: D004
Collection Date: 8/10/2011 1:10:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL SW6010C					(SW3050B)		Analyst: MAW
Chromium	BRL	0.49		mg/Kg	150405	1	8/16/2011 9:30 PM
Lead	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:30 PM
Selenium	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:30 PM
Silver	BRL	0.49		mg/Kg	150405	1	8/16/2011 9:30 PM
TOTAL MERCURY - WASTE SW7471B					(SW7471B)		Analyst: MP
Mercury	BRL	0.0996		mg/Kg	150449	1	8/17/2011 3:47 PM
SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
1,4-Dichlorobenzene	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
3,4-Methylphenol	BRL	2400		mg/Kg	150392	5	8/17/2011 2:09 PM
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
Pyridine	BRL	2400		mg/Kg	150392	5	8/17/2011 2:09 PM
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
2,4,5-Trichlorophenol	BRL	2400		mg/Kg	150392	5	8/17/2011 2:09 PM
2,4,6-Trichlorophenol	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
2,4-Dinitrotoluene	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
2-Methylphenol	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
Hexachlorobenzene	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
Hexachlorobutadiene	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
Hexachloroethane	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
Nitrobenzene	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
Pentachlorophenol	BRL	2400		mg/Kg	150392	5	8/17/2011 2:09 PM
Pyrene	BRL	480		mg/Kg	150392	5	8/17/2011 2:09 PM
Surr: 2,4,6-Tribromophenol	94.8	56.6-181		%REC	150392	5	8/17/2011 2:09 PM
Surr: 2-Fluorobiphenyl	96.8	64.9-140		%REC	150392	5	8/17/2011 2:09 PM
Surr: 2-Fluorophenol	97.4	50.5-175		%REC	150392	5	8/17/2011 2:09 PM
Surr: 4-Terphenyl-d14	96.8	58.3-145		%REC	150392	5	8/17/2011 2:09 PM
Surr: Nitrobenzene-d5	85.5	49.6-157		%REC	150392	5	8/17/2011 2:09 PM
Surr: Phenol-d5	102	46-187		%REC	150392	5	8/17/2011 2:09 PM
TCL VOLATILE ORGANICS SW8260B					(SW5035)		Analyst: JCT
1,1-Dichloroethene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:54 PM
1,2-Dichloroethane	BRL	2500		ug/Kg	150418	50	8/17/2011 5:54 PM
2-Butanone	BRL	25000		ug/Kg	150418	50	8/17/2011 5:54 PM
Benzene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:54 PM
Carbon tetrachloride	BRL	2500		ug/Kg	150418	50	8/17/2011 5:54 PM
Chlorobenzene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:54 PM
Chloroform	BRL	2500		ug/Kg	150418	50	8/17/2011 5:54 PM
Tetrachloroethene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:54 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-003

Client Sample ID: D004
Collection Date: 8/10/2011 1:10:00 PM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS SW8260B					(SW5035)		Analyst: JCT
Trichloroethene	BRL	2500		ug/Kg	150418	50	8/17/2011 5:54 PM
Vinyl chloride	BRL	5000		ug/Kg	150418	50	8/17/2011 5:54 PM
Surr: 4-Bromofluorobenzene	108	56-137		%REC	150418	50	8/17/2011 5:54 PM
Surr: Dibromofluoromethane	113	73.7-137		%REC	150418	50	8/17/2011 5:54 PM
Surr: Toluene-d8	96.4	69.2-126		%REC	150418	50	8/17/2011 5:54 PM
IGNITABILITY SW1010							Analyst: AZS
Ignitability	180	0	>	°F		1	8/17/2011 9:30 AM
CYANIDE, REACTIVE SW7.3.3.2					(SW7.3.3.2)		Analyst: CG
Cyanide, Reactive	BRL	0.952		mg/Kg	150461	1	8/17/2011 2:40 PM
SULFIDE, REACTIVE SW7.3.4.2					(SW7.3.4.2)		Analyst: AZS
Sulfide, Reactive	BRL	100		mg/Kg	150498	1	8/17/2011 5:00 PM
LABORATORY HYDROGEN ION (PH) SW9045D					(SW9045D)		Analyst: SRI
pH	6.78	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
B	Analyte detected in the associated Method Blank
>	Greater than Result value

E	Estimated (Value above quantitation range)
S	Spike Recovery outside limits due to matrix
Narr	See Case Narrative
NC	Not Confirmed
<	Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC**Client Sample ID:** D006**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 7:20:00 AM**Lab ID:** 1108C71-004**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TCL	SW8081B				(SW3580)		Analyst: KDD
Chlordane	BRL	5.0		mg/Kg	150395	1	8/17/2011 2:32 PM
Endrin	BRL	0.099		mg/Kg	150395	1	8/17/2011 2:32 PM
gamma-BHC	BRL	0.050		mg/Kg	150395	1	8/17/2011 2:32 PM
Heptachlor	BRL	0.050		mg/Kg	150395	1	8/17/2011 2:32 PM
Heptachlor epoxide	BRL	0.050		mg/Kg	150395	1	8/17/2011 2:32 PM
Methoxychlor	BRL	0.50		mg/Kg	150395	1	8/17/2011 2:32 PM
Toxaphene	BRL	5.0		mg/Kg	150395	1	8/18/2011 3:52 PM
Surr: Decachlorobiphenyl	55.4	30-150		%REC	150395	1	8/17/2011 2:32 PM
Surr: Tetrachloro-m-xylene	57.3	30-150		%REC	150395	1	8/17/2011 2:32 PM
POLYCHLORINATED BIPHENYLS	SW8082A				(SW3580)		Analyst: KDD
Aroclor 1016	BRL	0.99		mg/Kg	150394	1	8/17/2011 1:15 PM
Aroclor 1221	BRL	0.99		mg/Kg	150394	1	8/17/2011 1:15 PM
Aroclor 1232	BRL	0.99		mg/Kg	150394	1	8/17/2011 1:15 PM
Aroclor 1242	BRL	0.99		mg/Kg	150394	1	8/17/2011 1:15 PM
Aroclor 1248	BRL	0.99		mg/Kg	150394	1	8/17/2011 1:15 PM
Aroclor 1254	BRL	0.99		mg/Kg	150394	1	8/17/2011 1:15 PM
Aroclor 1260	21	5.0		mg/Kg	150394	5	8/17/2011 3:49 PM
Surr: Decachlorobiphenyl	66.1	40.7-175		%REC	150394	1	8/17/2011 1:15 PM
Surr: Tetrachloro-m-xylene	35.6	57.9-188	S	%REC	150394	1	8/17/2011 1:15 PM
CHLORINATED HERBICIDES	SW8151A				(SW3580)		Analyst: AK
2,4,5-T	BRL	1900		ug/Kg	150393	1	8/17/2011 12:58 PM
2,4,5-TP (Silvex)	BRL	40000		ug/Kg	150541	20	8/18/2011 4:18 PM
2,4,5-TP (Silvex)	BRL	1900		ug/Kg	150393	1	8/17/2011 12:58 PM
2,4-D	BRL	40000		ug/Kg	150541	20	8/18/2011 4:18 PM
2,4-D	BRL	1900		ug/Kg	150393	1	8/17/2011 12:58 PM
2,4-DB	BRL	95000		ug/Kg	150393	1	8/17/2011 12:58 PM
Dalapon	BRL	4800		ug/Kg	150393	1	8/17/2011 12:58 PM
Dicamba	BRL	1900		ug/Kg	150393	1	8/17/2011 12:58 PM
Dichlorprop	BRL	1900		ug/Kg	150393	1	8/17/2011 12:58 PM
Dinoseb	BRL	100000		ug/Kg	150541	20	8/18/2011 4:18 PM
MCPA	BRL	480000		ug/Kg	150393	1	8/17/2011 12:58 PM
MCPP	BRL	480000		ug/Kg	150393	1	8/17/2011 12:58 PM
Surr: DCAA	89.3	20-127		%REC	150393	1	8/17/2011 12:58 PM
Surr: DCAA	94.0	20-127		%REC	150541	20	8/18/2011 4:18 PM
METALS, TOTAL	SW6010C				(SW3050B)		Analyst: MAW
Arsenic	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:33 PM
Barium	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:33 PM
Cadmium	BRL	0.49		mg/Kg	150405	1	8/16/2011 9:33 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Date: 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-004

Client Sample ID: D006
Collection Date: 8/11/2011 7:20:00 AM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
METALS, TOTAL SW6010C					(SW3050B)		Analyst: MAW
Chromium	BRL	0.49		mg/Kg	150405	1	8/16/2011 9:33 PM
Lead	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:33 PM
Selenium	BRL	0.99		mg/Kg	150405	1	8/16/2011 9:33 PM
Silver	BRL	0.49		mg/Kg	150405	1	8/16/2011 9:33 PM
TOTAL MERCURY - WASTE SW7471B					(SW7471B)		Analyst: MP
Mercury	BRL	0.0963		mg/Kg	150449	1	8/17/2011 3:50 PM
SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
1,4-Dichlorobenzene	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
3,4-Methylphenol	BRL	2400		mg/Kg	150392	5	8/17/2011 1:41 PM
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
Pyridine	BRL	2400		mg/Kg	150392	5	8/17/2011 1:41 PM
TCL-SEMIVOLATILE ORGANICS SW8270D					(SW3580A)		Analyst: YH
2,4,5-Trichlorophenol	BRL	2400		mg/Kg	150392	5	8/17/2011 1:41 PM
2,4,6-Trichlorophenol	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
2,4-Dinitrotoluene	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
2-Methylphenol	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
Hexachlorobenzene	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
Hexachlorobutadiene	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
Hexachloroethane	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
Nitrobenzene	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
Pentachlorophenol	BRL	2400		mg/Kg	150392	5	8/17/2011 1:41 PM
Pyrene	BRL	480		mg/Kg	150392	5	8/17/2011 1:41 PM
Surr: 2,4,6-Tribromophenol	87.4	56.6-181		%REC	150392	5	8/17/2011 1:41 PM
Surr: 2-Fluorobiphenyl	95.8	64.9-140		%REC	150392	5	8/17/2011 1:41 PM
Surr: 2-Fluorophenol	97.6	50.5-175		%REC	150392	5	8/17/2011 1:41 PM
Surr: 4-Terphenyl-d14	96.3	58.3-145		%REC	150392	5	8/17/2011 1:41 PM
Surr: Nitrobenzene-d5	78.9	49.6-157		%REC	150392	5	8/17/2011 1:41 PM
Surr: Phenol-d5	97.6	46-187		%REC	150392	5	8/17/2011 1:41 PM
TCL VOLATILE ORGANICS SW8260B					(SW5035)		Analyst: JE
1,1-Dichloroethene	BRL	1900		ug/Kg	150418	50	8/17/2011 6:00 PM
1,2-Dichloroethane	BRL	1900		ug/Kg	150418	50	8/17/2011 6:00 PM
2-Butanone	BRL	19000		ug/Kg	150418	50	8/17/2011 6:00 PM
Benzene	BRL	1900		ug/Kg	150418	50	8/17/2011 6:00 PM
Carbon tetrachloride	BRL	1900		ug/Kg	150418	50	8/17/2011 6:00 PM
Chlorobenzene	BRL	1900		ug/Kg	150418	50	8/17/2011 6:00 PM
Chloroform	BRL	1900		ug/Kg	150418	50	8/17/2011 6:00 PM
Tetrachloroethene	BRL	1900		ug/Kg	150418	50	8/17/2011 6:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- BRL Below Reporting Limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated Method Blank
- > Greater than Result value

- E Estimated (Value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See Case Narrative
- NC Not Confirmed
- < Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11

CLIENT: Environmental Restoration, LLC
Project: US Finishing Cone Mills
Lab ID: 1108C71-004

Client Sample ID: D006
Collection Date: 8/11/2011 7:20:00 AM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
TCL VOLATILE ORGANICS SW8260B					(SW5035)		Analyst: JE
Trichloroethene	BRL	1900		ug/Kg	150418	50	8/17/2011 6:00 PM
Vinyl chloride	BRL	3800		ug/Kg	150418	50	8/17/2011 6:00 PM
Surr: 4-Bromofluorobenzene	103	56-137		%REC	150418	50	8/17/2011 6:00 PM
Surr: Dibromofluoromethane	103	73.7-137		%REC	150418	50	8/17/2011 6:00 PM
Surr: Toluene-d8	96.1	69.2-126		%REC	150418	50	8/17/2011 6:00 PM
IGNITABILITY SW1010							Analyst: AZS
Ignitability	180	0	>	°F		1	8/17/2011 9:30 AM
CYANIDE, REACTIVE SW7.3.3.2					(SW7.3.3.2)		Analyst: CG
Cyanide, Reactive	BRL	0.971		mg/Kg	150461	1	8/17/2011 2:40 PM
SULFIDE, REACTIVE SW7.3.4.2					(SW7.3.4.2)		Analyst: AZS
Sulfide, Reactive	BRL	100		mg/Kg	150498	1	8/17/2011 5:00 PM
LABORATORY HYDROGEN ION (PH) SW9045D					(SW9045D)		Analyst: SRI
pH	4.37	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
BRL	Below Reporting Limit
H	Holding times for preparation or analysis exceeded
N	Analyte not NELAC certified
B	Analyte detected in the associated Method Blank
>	Greater than Result value

E	Estimated (Value above quantitation range)
S	Spike Recovery outside limits due to matrix
Narr	See Case Narrative
NC	Not Confirmed
<	Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11**CLIENT:** Environmental Restoration, LLC**Client Sample ID:** D007**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 7:34:00 AM**Lab ID:** 1108C71-005**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH)	SW9045D				(SW9045D)		Analyst: SRI
pH	4.39	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

	E	Estimated (Value above quantitation range)
	S	Spike Recovery outside limits due to matrix
	Narr	See Case Narrative
	NC	Not Confirmed
	<	Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11**CLIENT:** Environmental Restoration, LLC**Client Sample ID:** D008**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 7:48:00 AM**Lab ID:** 1108C71-006**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH)	SW9045D				(SW9045D)		Analyst: SRI
pH	4.37	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

	E	Estimated (Value above quantitation range)
	S	Spike Recovery outside limits due to matrix
	Narr	See Case Narrative
	NC	Not Confirmed
	<	Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11**CLIENT:** Environmental Restoration, LLC**Client Sample ID:** D009**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 8:05:00 AM**Lab ID:** 1108C71-007**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH)	SW9045D				(SW9045D)		Analyst: SRI
pH	4.25	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

	E	Estimated (Value above quantitation range)
	S	Spike Recovery outside limits due to matrix
	Narr	See Case Narrative
	NC	Not Confirmed
	<	Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11**CLIENT:** Environmental Restoration, LLC**Client Sample ID:** D010**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 8:25:00 AM**Lab ID:** 1108C71-008**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH)	SW9045D				(SW9045D)		Analyst: SRI
pH	4.32	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

	E	Estimated (Value above quantitation range)
	S	Spike Recovery outside limits due to matrix
	Narr	See Case Narrative
	NC	Not Confirmed
	<	Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11**CLIENT:** Environmental Restoration, LLC**Client Sample ID:** D011**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 8:45:00 AM**Lab ID:** 1108C71-009**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH)	SW9045D				(SW9045D)		Analyst: SRI
pH	4.28	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

	E	Estimated (Value above quantitation range)
	S	Spike Recovery outside limits due to matrix
	Narr	See Case Narrative
	NC	Not Confirmed
	<	Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11**CLIENT:** Environmental Restoration, LLC**Client Sample ID:** D012**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 9:05:00 AM**Lab ID:** 1108C71-010**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH)	SW9045D				(SW9045D)		Analyst: SRI
pH	5.00	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

	E	Estimated (Value above quantitation range)
	S	Spike Recovery outside limits due to matrix
	Narr	See Case Narrative
	NC	Not Confirmed
	<	Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11**CLIENT:** Environmental Restoration, LLC**Client Sample ID:** D013**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 9:25:00 AM**Lab ID:** 1108C71-011**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH)	SW9045D				(SW9045D)		Analyst: SRI
pH	4.22	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

	E	Estimated (Value above quantitation range)
	S	Spike Recovery outside limits due to matrix
	Narr	See Case Narrative
	NC	Not Confirmed
	<	Less than Result value

Analytical Environmental Services, Inc.**Date:** 25-Aug-11**CLIENT:** Environmental Restoration, LLC**Client Sample ID:** D014**Project:** US Finishing Cone Mills**Collection Date:** 8/11/2011 9:45:00 AM**Lab ID:** 1108C71-012**Matrix:** WASTE

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
LABORATORY HYDROGEN ION (PH)	SW9045D				(SW9045D)		Analyst: SRI
pH	4.21	0.01	H	pH Units	150481	1	8/16/2011 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level
	BRL	Below Reporting Limit
	H	Holding times for preparation or analysis exceeded
	N	Analyte not NELAC certified
	B	Analyte detected in the associated Method Blank
	>	Greater than Result value

	E	Estimated (Value above quantitation range)
	S	Spike Recovery outside limits due to matrix
	Narr	See Case Narrative
	NC	Not Confirmed
	<	Less than Result value

ATTACHMENT E
LOGBOOK NOTES

of Bay Building products

0930: Taking pictures at Bulcombe Rd.
around fence facing OBR → (main gate)
5th breach at Bulcombe Rd (main breach)

10:00 L. Frances case OSC on site

1010: START, ATSDR personnel (Robert Sa-
fay, David Sutton & D) and

EPA; discussing logistics for the sampling

1020: START, EPA & ATSDR walking the
site

note: 23 55 gallon drums of angel
water; 23 55 gallon drums (steel)
non hazardous waste label

② building inside: zinc sheet walls
~ 40 feet curling

1031: Building #2 → now lying (ruined)

1032: potential asbestos (Am) material on site
in front of shed at left hand side.

1039: START at wave height
containers of 02-66-3430 Fast red
base 3 gal 70% liquid dispersed
(Chloronitroaniline) - 91543 62

- marine pollutant

- 1 55 gallon poly drum used oil

1049: Continue walking the site towards
former production-ruined building
AST's (empty) #7 & #8

Sign: Danger Cause (see sketch)
Shed at left hand side of road →
asbestos tiles (sheets for ceiling) inside
the shed (full pallet)

Shed (distribution) → stuck down; no way
to get inside. AST in containment area
(empty)

note: a sump in front of building in ruins

1113: entering building aside building in ruins

note: solidified UR 3082

Fast Red base 3 gal 90% liq.

Dispersed 55 gall steel drum

89-235 048

Chloronitroaniline

→ brick building with lead paint

note: 55 gallon poly drum 3/4 full

potentially caustic liquid.

1145: START, EPA & ATSDR going for lunch

1225: Back on site

1245: Discussing sample locations for water
samples

Location Greenville, SC Date 8/9/11
 Project / Client US Finishing - Cone Mills

1308: START, EPA & ATSDR arrived to the ~~NO aeration pond~~ ^{pump station} area; outside the site boundaries at back yard of Stephens and Services in Alston St.

note: PCB material in drums inside the station based on information from a former employee. (inaccessible add'l note A. Davis for E. Hederson 9/14/11)

1310: coordinates collected

1318: START, ATSDR & EPA walked to the aeration lagoon (fenced area); START will collect samples from the lagoon.

1344: START at station one at the aeration lagoon USF-CM-001

1351: Sample collected and duplicate USF-CM-002

1407: START arrived to station 2 location Sample # USF-CM-003

1415: collecting samples.

1430: START sampling at station 3; USF-CM-004

1440: START, ATSDR & EPA arrived to the reservoir location; a sample(s) will be collected at this location

1450: START collecting sample USF-CM-005

Location Greenville, SC Date 8/9/11
 Project / Client US Finishing - Cone Mills

at the reservoir sample location
 1511: START arrived to the site to sample surface water from ^{site's} water treatment plant

1500: START, EPA & ATSDR walking around treatment plant for sample locations logistics.

USF-CM-006 sample location will be collected at the water treatment building

note: lead paint sample will be taken from water treatment station

USF-CM-007 w paint-001

1539: collecting USF-CM-wpaint-001

1545: START collecting sample # USF-CM-006

1602: USF-CM-paint 002 collected from building outside building in ruins

1613: The site had been called an ETC by the OSE.

1635: START off site

Location AES MOBILE Date 8/9/11
 Project / Client US Finishing Cone Mills
Greenville, SC

- 1725 - Call Ron R. Henderson request by
 START Support for Adam Davis
 on site on 8/10/11 @ 1200.
 2018 - Depart Mobile.
 0200 - Arrive Atlanta, GA.

17HRS MOB

fel

Location Greenville, SC Date 8/10/11
 Project / Client US Finishing Cone Mills
TDD NO:

- 1130 - Meet w/ R. Henderson @ Flexap
 Site in Anderson, get site by book.
 1140 - Speak w/ L. Franciscere (EPAOSC)
 Requests START support of POLREP.
 1207 - Arrive @ hotel, work on initial
 POLREP with input from EPAOSC.
 1555 - Depart hotel to site.
 (Note: photos uploaded to website)
 Documented email from EPAOSC
 to Mr. Head regarding poly drums
 abandoned onsite.
 1630 - Meet OSC Franc. onsite. Discuss
 site conditions. OSC Franc. partly on
 reply from Mr. Head (Attorney for Receivership)
 regarding poly drums in wastewater treatment
 bldg. (near aeration lagoon inside gate).
 1635 - EPAOSC Supervisor Cl. Keith Sanders
 onsite dismisses options for force requis,
 subcontractor to reply by noon.

Garry Stewart - Program Director DHEC
 Columbia replies to OSC Franc. with
 permission to remove poly drums as
 described above.

fel

Location Greenville, SC Date 8/10/11
 Project / Client US Finishing Cone Mills
 TDD No: _____

1700- ERRS (11:45) & START recon aeration pond bldg. (Power/Control) for drums. Building is within fenced area adjacent to aeration pond near Atsion St. Bldg is concrete block w/ metal roof (approx. 15x30'). Door was blocked but unlocked. Windows open. 5 55-gal. drums (3 blue poly rdy tops unlabeled & 2 black, 1 labeled muriatic acid, 1 unlabeled). ERRS will stage drums on 8/11/11. Also 5, 10-gallon totes same marked red last. 4 of 55-gal drums may be able to be shipped as is, one has been shipped (acid drum). Sm. containers maybe able to be shipped.

1750- Convey above information to OSC Franc.

1830- Upload photos to website.

12 HRS

Location Greenville, SC Date 8/11/11
 Project / Client US Finishing / Cone Mills

0600 - ERRS on site.

0610 - Site Safety Brief Today's hazards heat, movement of drums from aeration control/power room. Will PH samples for proper PPE determination during movement (ERRS Cliff, Nigel, & Byron)
 Weather: 75°F, high humidity overcast.

0645- ERRS moves from main bldg. to aeration lagoon.

Note: steel blue drums behind guard house (main entrance) under walkway. Drums labeled nonhazardous appear to contain PPE.

0656- Arrive @ aeration lagoon access point (near 34.88133, -82.42928) Behind (SW of) Blue metal Bldg. (Stephens Photo)
 SW of site. Take photos of access point. (see next page).

12 Location Greenville, SC Date 8/11/11
 Project / Client US Finishing / Cone Mills

Photo Log US Fin. / CM

ID	TIME	COMMENT
001	0708	Aeration access point → aeration lagoon SW of main Bldg.
002	0729	Door to control Bldg.
003	0729	Inside Bldg.
004	0730	Label on Black poly ^{SS-gal} Marijane Meid 20
005	0732	Label on 10 GAL Blue container
006	0732	Fast Red Base 3GL 90% liquid disposed Gross 31,8KG Net 66 LBS, Env. Hazardous substance, liquid, w.o.s. UN 3082 Marine Pollutant.
007	0732	2 of 3 Blue SS-gal polys unlabeled.
008	0733	Inside Bldg.
009	0814	Drum sample D-006
010	0814	Same as 009

13 Location Greenville, SC Date 8/11/11
 Project / Client US Finishing / Cone Mills

Photo Log US Fin. / CM

ID	TIME	COMMENT
011	0816	Same as before
012	0817	D006 sample
013	0819	" " pH
014	0824	D007 pH
015	0824	" "
016	0824	D007 sample
017	0827	D008 sample
018	0832	D009 sample
019	0837	D010 sample
020	0844	D011 sample pH
021	0845	D012 sample pH
022	0850	D013 " "
023	0851	D014 " "
024		SKIP DUPLICATE
025	0950	N SIDE BLDG.
026	1016	N " " E END SIDE
027	1017	BRICK WALL COLLAPSED NE END
028	1416	PARKER FIRE FACILITY ENTRANCE
029	1436	ENTRANCE TO PARKER FIRE
030-032		DUPLICATES
033-1436		STAGING AREA @ PARKER
		FIRE FACILITY.
034-1445		SAME AS ABOVE

1: 14 Location Greenville, SC Date 8/11/11
 Project / Client US Finishing / Core Mills

0802 - ERS suits up for sampling
 Sample #5 will begin w/ D-006
 (D-001 thru D-005 collected on 8/10/11)
 D-005 will not be submitted because
 sample material is a known, see
 ERS notes on 8/10/11.

Drum INVENTORY 8/11/11

Sample IDs 8/11/11

FD	Drum ID	Drum TYPE	PHT
D-006	D-006	55-GAL BLK POLY	4-5

monoc Acid

(amber liquid)

[85 GAL OPAC POLY]

D-007	D-007	55-GAL BLUE POLY	5
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(amber liquid)

[85 GAL STEEL OPAC]

D-008	D-008	55-GAL BLUE POLY	5
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(amber liquid)

[85 GAL STEEL OPAC]

D-009	D-009	55-GAL BLK POLY	5
-------	-------	-----------------	---

(amber liquid)

[85 GAL STEEL OPAC]

15 Location Greenville, SC Date 8/11/11
 Client US Finishing / Core Mills

Drum INVENTORY 8/11/11 CONT.
SAMPLE IDS (CONT.) 8/11/11

FD	Drum ID	Drum TYPE	PHT
D-010	D-010	55-GAL BLUE POLY	5

[85 GAL OPAC] (amber liquid)

D-011	D-011	10-GAL BLUE POLY	5
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[ORIG CONT.] (amber liquid)

D-012	D-012	10-GAL BLUE POLY	5
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[ORIG. CONT.] (amber liquid)

D-013	D-013	10-GAL BLUE POLY	5
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[ORIG CONT.] (amber liquid)

D-014	D-014	10-GAL BLUE POLY	5
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[ORIG. CONT.] (amber liquid)

D-015	D-015	10-GAL BLUE POLY	5
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(NO SAMPLE * (amber liquid)

SUBMITTED FOR ANALYSIS [ORIG. CONT.]

SAMPLES FROM 8/10/11 COLLECTED BY
 ERS.
 SEE NEXT PAGE

Location GREENVILLE, SC Date 8/11/11Project / Client US FINISH / CONE MILLSDRUMS INVENTORY 8/10/11SAMPLES FROM 8/10/11 EARS

SAMPLE ID	DRUM ID	DRUM TYPE / CONTENTS	pH
D001	D001	55-GAL BUE POLY	5

AMBER LIQUID

NO LABEL (FULL)

[95 GAL POLY OPAK]

D002/D003	D002	55-GAL STEEL BULK (FAST RED BASE)
	D003	55-GAL STEEL BULK (NO LABEL)

70% SOLID

[2 95 GAL POLY OPAK'S]

D004	D004	55-GAL BULK POLY
------	------	------------------

DUAL PHASE

CLEAR LIQUID &

BULK LIQUID (OIL)

[85 GAL STEEL OPAK]

NO SAMPLE D005 2 1/2 GAL CONTAINER

WHITE

LIQUID FORM RETARD.

UNOPENED

ORIGINAL CONTAINER

[ORIG. CONT.]

Location GREENVILLE, SC Date 8/11/11Client US FINISH / CONE MILLSSAMPLES FOR ANALYSIS (COC)

SAMPLE ID	DATE	TIME	CORR. DRUM ID	ANALYSIS
D001	8/10/11	1230	D001	FULL TLP
			95 GAL OPAK	PCB

D002/D003	8/10/11	1230	D002	FULL TLP
			D003	PCB
			(2) 95 GAL OPAK	PCB

D004	8/10/11	1310	D004	FULL TLP
			85 GAL STEEL OPAK	PCB

D005 NO SAMPLE SEE PREV PG.

D006	8/11/11	0720	D006	FULL TLP
			95 GAL OPAK (LIQUID)	PCB

D007	8/11/11	0730	D007	pH
			85 GAL STEEL OPAK	HOLD FOR ANALYSIS
				ANALYSIS SAME MATERIAL AS D006
				(D001)

Location Greenville, SC Date 8/11/11
Project / Client US Finish / Core Mills

- 1040 - J. Webster on site. Site walk w/ OSC Franc. to discuss options to address asbestos & possible LBP.
- 1149 - ERRS near complete on laundry drums onto truck for transport over to temp staging area @ Fire Station.
- 1200 - Depart for lunch.
- 1300 - Back on site.
- 1325 - Ask R. Henderson for Figure w/ Calc. of sq. footage of main Bldg & assoc. areas for calc. of potential disposal volumes as requested by OSC.
- 1430 - Arrive @ Fire Station (1880 W. Washington St Greenville, SC 34.862432N - 82.72256°W) to store drums (ERRS & OSC Franc. also onsite).
- 1450 - Take photos of temp staging area @ Fire Training Area.
- 1450 - Complete staging of drums/containers

TOC @ Fire Training Site is: ^{Drty.} Chief Rudy Jones or Drty Chief Rich Dren
804 467 2618 / Dispatcher 804 467-4000

Location Greenville, SC Date 8/11/11
Client US / Finish Core Mills

- 1510 - Depart Parker Fire Train. Site (Staging Area). OSC L. Franc. onsite. ERRS & START back to site to recon. possible haul route to upper level pits on west end of site from road in front of site.
- 1540 - Pits are near western parking lot ^{ONSITE} & could possibly be connected to parking area w/ site improvements (grading, gravel, & tree clearing). Take photos of pits & possible access & route to parking area. Parking area is accessed from gate in front & west of guard shack @ main entrance.
- 1600 - Depart Site.
- 1630 - Upload photos to website.

12 HRS. SEE NEXT PG. MORE PHOTOS

PHOTOS of PITS ETC.

TIME#	TIME	COMMENTS
037	1538	WW TREAT PIT SW MAIN BLDG. (PIT 2")
038	1538	ACCESS ROAD TO PIT 2
039	1538	ACCESS TO PIT 2 + PIT 1 + FORMER WST AREA (PIT 3")
040	1538	SAME AS ABOVE → SOUTH TOWARDS WW TREAT BLDG.
041	1539	PIT 3 FORMER WST AREA
042	1539	AREA ACCESS LOOKING FROM PIT 3 → SE
043	1539	PIT 3 → SW
044	1539	" " "
045	1539	PIT 3 → NW
046	1540	PIT 2 (LARGE/DEEP PIT) → NE

0700 - On site, check fence & take measurements
0710 - Off site, upload photos to website.
Denob 8 HRS.

1730 - Arrive mobile, meet w/ Louie on
GIS map. 2 HRS (office).

2030 - Add comments to photos 1 HRS office
correspond w/ OSC on task 5 for
next week 2 HRS (office)

~~4 HRS FIELD~~ 8 HRS DENOB
4 HRS OFFICE

Sat 1 HR

Sun Mob (8 HRS bill 4.95)

Location Greenville, SC Date 8/11/11
 Project / Client US Finish / Core Mills

PHOTOS of PITS ETC.

TIME#	TIME	COMMENTS
037	1538	W/TREAT PIT SW MAIN BLDG. (PIT 2)
038	1538	ACCESS ROAD TO PIT 2
039	1538	ACCESS TO PIT 2 + PIT 1 + FORMER WST AREA (PIT 3)
040	1538	SAME AS ABOVE → SOUTH TOWARDS W/TREAT BLDG.
041	1539	PIT 3 FORMER WST AREA
042	1539	AREA ACCESS LOOKING FROM PIT 3 → SE
043	1539	PIT 3 → SW
044	1539	" " "
045	1539	PIT 3 → NW
046	1540	PIT 2 (LARGE/DEEP PIT) → NE

Greenville, SC Date 8/14/11
 Client US Finish / Core Mills

0700 - On site, check fence & take measurements
 0710 - Office, upload photos to web site.
 Demob 8 HRS.

1010 - Arrive mobile, meet w/ Louie on
 GIS map. 2 HRS (office)

1030 - Add comments to photos 1 HRS office
 correspond w/ OSC on tasks for
 next week 2 HRS (office)

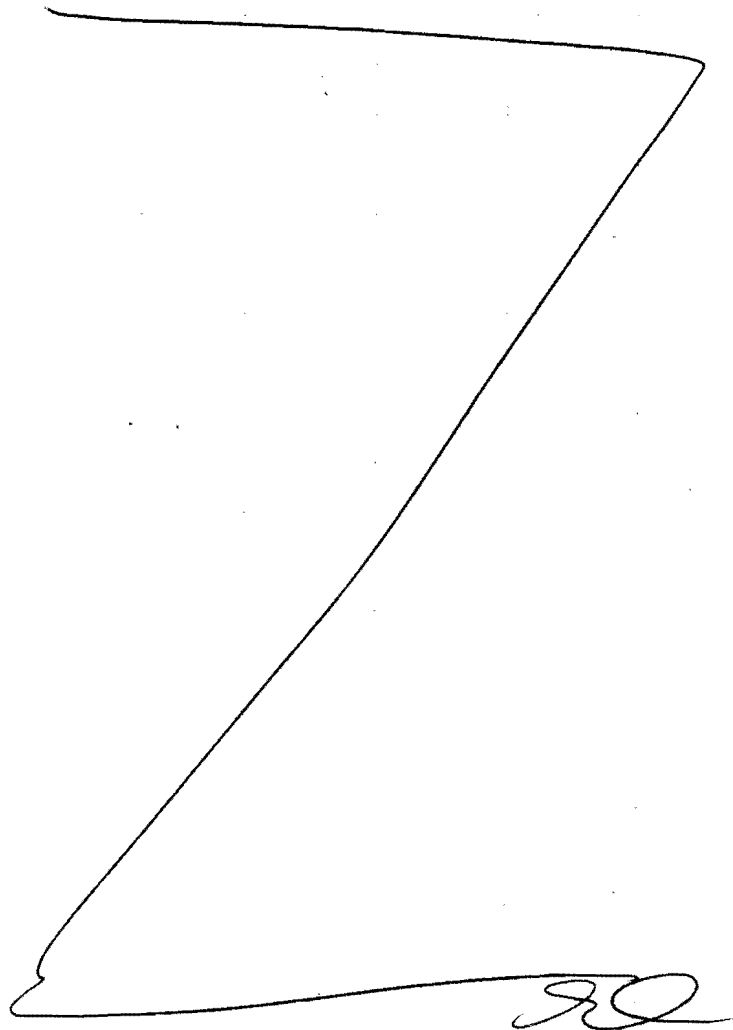
~~6 HRS field~~ 8 HRS DEMOB
 4 HRS office

Sat 1 HR
 Sun Mob (18 HRS bill 4.95)

Location Mobile, AL / Greenville, SC Date 8/14/11
 Project / Client US Enrich / Core Mills

1400- Depart Mobile. A Davis.

2745- Arrive Greenville, SC. 17.75 hrs MOB.



Location Greenville, SC Date 8/15/11
 Client US Enriching / Core Mills

0730- Arrive on site. Inspect Area / Piles.

0800- Communicate w/ R. Holston on Scope & Work.

1) Collect waste debris pile samples as follows:

Waste Piles - 63 Full TCU, PCBs

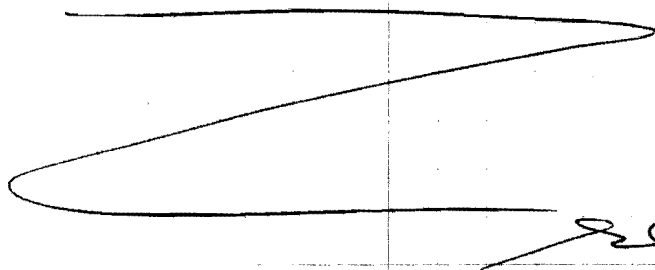
LBP media (brick, etc.) - 2-3 TCU
 metals

→ AES FedEx delivery.

2) Hazwmat (2) Fast Seal Chlorinated
 drums (1) waste oil Drum
 → LEO

3) Building / Piles / Contain. area calculations
 → LEO

4) Stormwater drainage from Bldg /
 Basement → LEO



0940- Collect ^{grab} sample of debris (paint chips burnt wood) near main entrance doors to site next to brick wall. ~~see~~
 1 1602 jar for TCLP ~~Field~~, PCBs ^{Mtlds} only
 Lat $34.88389^{\circ}N$
 Long $-82.42541^{\circ}W$ (uncorrected)

Take photos of sample area, 1 close up, 1 perspective. (TMC #s: SEE WEBSITE)
 Sample ID: USFCM-WC-001

0950- Collect composite sample (5-point) of debris pile on NE portion of site (1, 1602 jar for Full TCLP, PCBs) Sample ID: USFCM-WC-002
 (vac, metals, syas, paint, ^{solids})
 Lat $34.88353^{\circ}N$ (uncorrected)
 Long $-82.42513^{\circ}W$

(debris consists of concrete (2-5%), burnt wood (80%), roofing material (metal / glass / plastic / tar) (2-5%))

Take photos USFCM-WC-002 Sample ID

- center of pile $\rightarrow N$ (TMC #s: SEE WEBSITE)
- West side of pile (TMC #s: " "
- close up of sample (TMC #s: " "

1005- Collect 5-point composite sample of debris pile (center northern portion of site) - 1, 1602 jar for Full TCLP, PCBs -
 Lat $-34.88327^{\circ}N$
 Long $-82.42546^{\circ}W$
 Sample ID: USFCM-WC-003
 Time: 1005

1024- Take photos of:

- center of pile \rightarrow South
- close up ^{see} of sample point center $\rightarrow N$
- close up of sample point

NOTE - Samples of debris pile (Sample IDs WC-002 & WC-003)

Sample matrix consists of finer Solids (degraded burned material) found in pile which appears to represent greatest volume by % in piles & most likely leachabile material. Suspect solids consist of burned wood & finer material scraped from concrete after fire. Sample matrix also consists of small pcs. of burned wood (charcoal like), plastic & concrete debris. ~~see~~

Location Greenville, SC Date 8/15/11
 Project / Client US Fm. Cone Mills

1040 - Collect sample from brick wall of peeling green paint & debris on concrete floor rear wall from southern portion of site (SE side of open area). Grab sample. 1, 16 oz jar, for TCLP metals.

Lat - 34.88290°N (uncorrected)
 Long - $-82.42567^{\circ}\text{W}$

Take photos of sample area:

- close up of wall (img # SEE WEBSITE)
- debris on floor rear wall (img # ")
- wall perspective from open area \rightarrow SW

SAMPLE ID - US FCM-WC-004

TIME - 1040

TCLP metals

img #
 SEE
 WEBSITE

1100 - Collect sample from debris pile located under SE portion of buried bldg which has steel I-beams in place, piping, & concrete roof in place. 5 point composite (mostly fines assoc. w/ buried debris some paint chips from concrete ceiling, minor amounts burnt plastic)

Location Greenville, SC Date 8/15/11
 Client US Finish. Cone Mills

1100 (CONT) - Sample ID - US FCM-WC-005 - 1, 16 oz jar
 Full TCLP, PCBs (confirm w/ R.H. ILE)
 Lat - 34.88283°N (uncorrected)
 Long - $-82.42576^{\circ}\text{W}$

Take photos of sample area:

- debris pile as seen from opening (east) \rightarrow towards interior of bldg.

(img # 0849 Note Date/Time stamp reflects 8/14/11 2057 will correct for photos of next sample locn.)

- roof of bldg. (peeling paint) (img # 0850)

- debris pile rear pipe sample pt. (851)
- debris pile (img # 852)
- close up of sample pt. (img # 853)

SAMPLE ID US FCM-WC-005

TIME - 1100

Full TCLP, PCB (confirm)

1115 - Confer w/ L. Francese that sample collection is sufficient for waste character.

no pest/hab.

Location Greenville, SC Date 8/15/11
 Project / Client US Finish Cone Mills
ADDITIONAL SURVEY (SEWER)

850 - Survey stormwater drainage
 from buried portion of bldg.

Photo # Comment
850 Drain near & central portion
 on floor

851 View of drains / conduits
 from floor to basement

852 Debris Pile
 remaining photos loaded onto website
 with comment descriptions

PHOTOS LOADED DIRECTLY TO EPA OSC WEBSITE

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Location Greenville, SC Date 8/15/11
 Client US Finish Cone Mills

Stormwater Survey Photos cont.

PHOTOS LOADED DIRECTLY TO EPA OSC WEBSITE

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8/15/11

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Greenville, SC

8/15/11

USFCM

1325 - Depart Site to meet w/ Parker
Fire Dept & collect sample for
bioassay.

1420 - Collect aliquots of ^{se} samples & ^{se} sample drums
D006, D005 (amber liquid suspect chlorinated
aromatics) & D004 (oily liquid).

1445 - Depart site. Meet w/ J. Putney.

1530 - Arrive @ Am. Seaw.

1545 - Begin hazard of D006 -

2H5, flammable, PCBs > 50

EPA Method 9079 (accord to R.H.
this test really just means "chlorides
present").

1650 - Depart to FedEx/ice samples.

1715 - Drop samples @ FedEx

5 samples expedited TAT

Sample ID Analytical

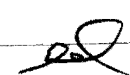
USFCM-WC-001 TCLP metals only

USFCM-WC-002 TCLP (VOCs, SVOCs, Metals, Pest/Herb)
+ PCBs

USFCM-WC-003 Same as above, except no Pest/Herb

USFCM-WC-004 TCLP Metals only

USFCM-WC-005 Same as - 003.

1800 - Arrive home / load photos website
work on calculations 12 Hrs S. 

Location Greenville, SCDate 8/16/11Project / Client USFCM

0730 - Work on building calculations
download windrose → Louise.

0930 - Contact City of Greenville GIS
& Engineering Dept (206 S. Main St
Greenville, SC. 864-467-4400
8th Floor).

1040 - Contact P. Henderson & discuss
scheduling & lab.

1100 - Depart for City of Greenville
Engineering Dept.

1125 - Arrive Greenville Engineering Dept.
Award to Engineer Site is located outside
City Limits & search reveals no site info.

1140 - Depart to County Bldg (303 University
Ridge Greenville, SC).

1205 - Arrive @ County Bldg.
(for sewer info Parker Sewer & Cellar)
(407 W. Broad Greenville Water)

Permitting - need to follow request records
Parcel # 0160000100201 Am. Fast
Print. (greenvillecounty.org)

Prostate Court Deed Records - no drawings
Recommend Archivist/Historian @ Green. Public Library
864-242-5000

Parker Sewer - 864-467-4028

Location Greenville, SCDate 8/16/11Client USFCM

BS - Onsite cant I beams

Front right -

(29x5) x 2 16' L I 1/2" thick 10" W

middle (11x8) x 2 Face 1/2" thick 9" W

Back - 80

Utility beams - 80 23' L

I 1/2" thick 10" wide

Face 1/2" " 15" wide

Pipe - 80 30' L 3" x 0.25"

1340 - Call Parker Sewer & Fire

Don Calpepper 864-467-4028

left message

1420 - Contact L. Franc. Discuss Bldg

demo options & waste material disp.
options. L.F. requests Flu u)

1) sewer

2) ER (CLIFF) RE: SIGNS

3) Aerial photography (see email link)

Location Greenville, SC Date 8/18/11

Project / Client US Fin. Core Mills

1200 - Cont. call w/ L. Franc. & L. Anderson
Leo requests 1) ER Report by COO on
8/18/11. 2) Lab results from ER waste
samples 3) ASMP camera design for
low angle aeriots (balloon rapp'g) 4)
Genex records from:
Matt Head, Recreanship Atty.
16 Whitsett St.
Greenville, SC

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

DRUM TYPE: ☐ FIBER ☐ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☐ CLOSED TOP ☒ OVERPACKED *For SHIPMENT* ☒ OTHER BLUE

DRUM CONDITION: ☐ MEETS DOT SPEC ☒ ~~GOOD~~ ☒ FAIR ☐ POOR
 DRUM SIZE: ☐ 85 ☒ ~~55~~ ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER _____
 DRUM CONTENTS: ☒ ~~FULL~~ ☐ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY

CHEMICAL NAME None
MFG. NAME _____
ADDITIONAL INFORMATION _____

FIELD READINGS	
RADIATION BACKGROUND	<u>N/A</u> mrem/hr
RADIATION READING	<u>N/A</u> mrem/hr
PID:	
FID:	% LEL/O2:
OTHER	
IF RAD ABOVE 5 REM STOP	

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
L A Y E R S	L I Q U I D	S O L I D	G E L	S L U D G E		C L E A R	C L O U D Y	O P A Q U E	I N C H E S
TOP	X				AMBER	X			
MIDDLE	X				↓	X			
BOTTOM	X				↓	X			

HAZCAT ANALYSIS BY: JERRY PANTAP WITNESS: ADAM DAVIS
HAZCAT TEST DATE: 8/15/11

RADIATION	<input type="checkbox"/>	POSITIVE	<input checked="" type="checkbox"/>	NEGATIVE
	NEG.	POS.		
REACTIVITY AIR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(IF AIR REACTIVE STOP TEST)	
PEROXIDE (Blue test pos)	NEG.	POS.		
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(IF PEROXIDE STOP TEST)	
OXIDIZER (Black test pos)	NEG.	POS.		
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TOP	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MID	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BOT	
pH (0-14)			TOP	
			MID	5
			BOT	
REACTIVITY H2O (IF	NEG.	POS.		
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	TOP	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MID	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BOT	
				FLAMM

(If Radiation Detected Do Not Test Further)									
	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
L A Y E R S	L I Q U I D	S O L I D	G E L	S L U D G E		C L E A R	C L O U D Y	O P A Q U E	I N C H E S
TOP	X				AMBER				
MIDDLE	X				↓				
BOTTOM	X								

	NEG.	POS.		NEG.	POS.
FLAMMABLE	<input type="checkbox"/>	<input checked="" type="checkbox"/> TOP	COPPER WIRE	<input checked="" type="checkbox"/>	<input type="checkbox"/> TOP
	<input type="checkbox"/>	<input checked="" type="checkbox"/> MID	(Green flame pos.)	<input checked="" type="checkbox"/>	<input type="checkbox"/> MID
	<input type="checkbox"/>	<input checked="" type="checkbox"/> BOT		<input checked="" type="checkbox"/>	<input type="checkbox"/> BOT

<input type="checkbox"/> Base-Neutral	<input type="checkbox"/> Base	<input type="checkbox"/> Peroxide
<input type="checkbox"/> Organic	<input checked="" type="checkbox"/> Acid	<input type="checkbox"/> Oxidizer
<input type="checkbox"/> Halogen	<input checked="" type="checkbox"/> Flammable	<input type="checkbox"/> Reactive

COMMENTS ORANGE FLAME; FLATS ON WATER; OILY RING
POSITIVE FOR (HCOXIDES)

(S=SOLUBLE / P=PARTIALLY SOULUBLE / I=INSOLUBLE)

WATER SOLUBILITY			ORGANIC SOLUBILITY (Hexane)				
	S	P	I		S	P	I
TOP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	TOP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MID	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BOT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	BOT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME US FINISHING / CONE MILLS TDD# 12050010144 Drum # 0004
 LOCATION (City, County, State) GREENVILLE, GREENVILLE, SC
 OSC Name LEO FRANCENDESE SAMPLER ADAM DAVIS
 DATE SAMPLED 8/15/11 TIME SAMPLED 1615 WEATHER sunny TEMPERATURE (F) 78°K

DRUM TYPE: ☐ FIBER ☐ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☐ CLOSED TOP ☒ OVERPACKED ☐ OTHER For shipment

DRUM CONDITION: ☐ MEETS DOT SPEC ☒ GOOD ☒ FAIR ☐ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☐ OTHER
 DRUM CONTENTS: ☒ FULL ☒ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY

DRUM LABELS / MARKINGS

CHEMICAL NAME _____
 MFG. NAME NONE
 ADDITIONAL INFORMATION _____

FIELD READINGS

RADIATION BACKGROUND 1.1 mrem/hr
 RADIATION READING 1.1 mrem/hr
 PID: _____
 FID: _____
 OTHER: _____
 IF RAD ABOVE 5 REM STOP

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
LAYER	L	S	G	S		C	C	O	
TOP	X				Black/dirty			X	2
MIDDLE	X				Clear	X			
BOTTOM	X				↓	X			

FIELD HAZCAT TESTING

HAZCAT ANALYSIS BY: TERRY PATTER WITNESS: ADAM DAVIS
 HAZCAT TEST DATE: 8/15/11

RADIATION ☐ POSITIVE ☒ NEGATIVE

REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)
 PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)
 OXIDIZER (Black test pos) ☒ NEG. ☐ POS.
 pH (0-14) 5 TOP 6 MID > 6 BOT

REACTIVITY H2O (IF) ☒ NEG. ☐ POS.
☒ TOP ☐ MID ☐ BOT

(If Radiation Detected Do Not Test Further)

	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS
LAYER	L	S	G	S		C	C	O	
TOP	X				Black/dirty				
MIDDLE	X				Clear	X			
BOTTOM	X				↓	X			

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

WATER SOLUBILITY: TOP ☐ S ☐ P ☒ I MID ☒ S ☐ P ☐ I BOT ☒ S ☐ P ☐ I

ORGANIC SOLUBILITY (Hexane): TOP ☐ S ☐ P ☐ I MID ☒ S ☐ P ☐ I BOT ☒ S ☐ P ☐ I

FLAMMABLE ☒ NEG. ☐ POS. TOP ☐ MID ☒ BOT

COPPER WIRE (Green flame pos.) ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT

Choose the Classification Group(s):
☐ Base-Neutral ☐ Base ☐ Peroxide
☐ Organic ☒ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS 2-PHASES - BLACK/CLEAR; NO OIL
LAYER STRATUMS

OTIE HAZCAT - DRUM INVENTORY FORM

PRIOR TO ANY DRUM ACTIVITIES, GROUND DRUM (USE ONLY NON-SPARKING TOOLS)

SITE NAME GREENVILLE US FINISHING / CANE MILLS TDD# TNA050010144 Drum # D-006(2)
 LOCATION (City, County, State) GREENVILLE, GREENVILLE, SC
 OSC Name LEO FRANCENDESE SAMPLER ADAM DAVIS
 DATE SAMPLED 8/15/11 TIME SAMPLED 1545 WEATHER SUNNY TEMPERATURE (F) 80°F

DRUM TYPE: ☐ FIBER ☐ STEEL ☒ POLY ☐ STAINLESS STEEL ☐ NICKEL
☐ POLY - LINED ☐ RING TOP ☐ CLOSED TOP ☒ OVERPACKED ☒ OTHER BLACK MISSING BUNG

DRUM CONDITION: ☐ MEETS DOT SPEC ☐ GOOD ☒ FAIR ☐ POOR
 DRUM SIZE: ☐ 85 ☒ 55 ☐ 42 ☐ 30 ☐ 16 ☐ 10 ☐ 5 ☒ OTHER MISSING BUNG
 DRUM CONTENTS: ☒ FULL ☐ 3/4 ☐ 1/2 ☐ 1/4 ☐ < 1/4 ☐ EMPTY

DRUM LABELS / MARKINGS

CHEMICAL NAME MURIATIC ACID
 MFG. NAME ILLEGIBLE
 ADDITIONAL INFORMATION NONE

FIELD READINGS

RADIATION BACKGROUND N/A mrem/hr
 RADIATION READING N/A mrem/hr
 PID: _____
 FID: _____
 OTHER: _____
 IF RAD ABOVE 5 REM STOP

L A Y E R S	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS INCHES
	L I Q U I D	S O L I D	G E L	S L U D G E		C L E A R	C L O U D Y	O P A Q U E	
TOP					Amber				
MIDDLE									
BOTTOM									

FIELD HAZCAT TESTING

HAZCAT ANALYSIS BY: JERRY PANTAP WITNESS: ADAM DAVIS
 HAZCAT TEST DATE: 8/15/11

RADIATION

☐ POSITIVE ☒ NEGATIVE

REACTIVITY AIR ☒ NEG. ☐ POS. (IF AIR REACTIVE STOP TEST)

PEROXIDE (Blue test pos) ☒ NEG. ☐ POS. (IF PEROXIDE STOP TEST)

OXIDIZER (Black test pos) ☒ NEG. ☐ POS.

pH (0-14) ☒ TOP ☐ MID ☐ BOT

REACTIVITY H2O (IF) ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT

(If Radiation Detected Do Not Test Further)

L A Y E R S	PHYS. STATE				COLOR	CLARITY			LAYER THICKNESS INCHES
	L I Q U I D	S O L I D	G E L	S L U D G E		C L E A R	C L O U D Y	O P A Q U E	
TOP					Amber				
MIDDLE									
BOTTOM									

FLAMMABLE ☐ NEG. ☒ POS. TOP ☐ MID ☐ BOT
 COPPER WIRE ☒ NEG. ☐ POS. TOP ☐ MID ☐ BOT
 (Green flame pos.)

(S=SOLUBLE / P=PARTIALLY SOLUBLE / I=INSOLUBLE)

WATER SOLUBILITY TOP ☐ S ☐ P ☒ I
 MID ☐ S ☐ P ☒ I
 BOT ☐ S ☐ P ☒ I
 ORGANIC SOLUBILITY (Hexane) TOP ☐ S ☐ P ☐ I
 MID ☐ S ☐ P ☐ I
 BOT ☐ S ☐ P ☐ I

Choose the Classification Group(s)
☐ Base-Neutral ☐ Base ☐ Peroxide
☐ Organic ☒ Acid ☐ Oxidizer
☐ Halogen ☐ Flammable ☐ Reactive

COMMENTS ORANGE FLAME; FWA3 UN H2O; OILY LIQUID
POSITIVE FOR CHLORIDES

ATTACHMENT F
WASTE MANIFEST

FOR EEI USE ABS: _____ Profile Log: _____ Entered by: _____ Date: _____	ENVIRONMENTAL ENTERPRISES, INC. CONFIDENTIAL WASTE PROFILE Page 1 of 2	EEI Approval/Profile # (completed by EEI) _____ Sales Code: <u>JATKINS-5</u>
---	---	--

Customer Reference # _____ PART (A) - GENERAL INFORMATION

Generator Name: <u>USEPA R4 ERFB (US FINISHING)</u> Contact Name: <u>LEO FRANCENDESE</u> Address: <u>3335 BUNCOMBE ROAD</u> City: <u>GREENVILLE</u> State: <u>SC</u> Zip: <u>29601</u> Area Code + Phone # <u>404 606</u> - <u>2223</u> Area Code + Fax # _____ - _____ USEPA ID# <u>S C D 0 0 3 3 5 8 7 4 4</u>	Billing Name: <u>Clean Management Environmental</u> Contact Name: <u>Scott Bridgeman</u> Address: <u>P.O. Box 1606</u> City: <u>Walterboro</u> State: <u>SC</u> Zip: <u>29488</u> Area Code + Phone # <u>843 538</u> - <u>8131</u> Area Code + Fax # <u>843 538</u> - <u>7845</u> Previous Profile# _____
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PART (B) - GENERAL WASTE INFORMATION

Name of Waste: <u>HAZARDOUS LIQUIDS (#1)</u>	
Process Generating: <u>EMERGENCY RESPONSE SITE CLEAN UP</u>	
Anticipated Volume: <u>1</u> _____ Units: <input checked="" type="checkbox"/> Drums _____ Gallons _____ _____ Tons _____ Yards _____	Frequency: _____ Monthly _____ Quarterly _____ _____ Yearly <input checked="" type="checkbox"/> One Time
Size and Type of Container: <u>55GA DRUM</u>	
DOT Shipping Name: <u>RQ HAZARDOUS WASTE LIQUID, N.OS. (CHROMIUM)</u>	
Hazard Class: <u>9</u> UN/NA # <u>3082</u>	Packing Group: <u>II</u> Samples Included? <input type="checkbox"/> Y <input checked="" type="checkbox"/> C <input type="checkbox"/> N
Special Handling or Precautions: _____	

PART (C) - RCRA CHARACTERISTICS

RCRA Waste Codes: <u>D004, D007</u>	F001 - F005 Solvent Waste: _____ Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N
Form Code: <u>W</u>	Waste is used in electroplating: _____ Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N
Virgin Product or Chemical: _____ Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	Spill Cleanup _____ Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N
MSDS Attached: _____ Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	Debris _____ Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N
Other Information _____	

PART (D) - CHEMICAL COMPOSITION

Total should be at least 100%. All constituents, including debris must be specifically identified. If actual percentages are not known, use ranges.					Is Waste?		Odor	Color																									
Constituents	Actual	Range			<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Mild	<input type="checkbox"/> VARIES																									
CHROMIUM & ARSENIC CONTAMINATED LIQUID	100	%	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	<input type="checkbox"/> Strong																											
	%	-	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	% Water																											
	%	-	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	< 5	> 20																										
	%	-	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	5 - 10																											
	%	-	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	10 - 20	actual																										
	%	-	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	% Halogens																											
	%	-	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	<input checked="" type="checkbox"/> < 1	10 - 20																										
	%	-	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	1 - 5	> 20																										
	%	-	-	-	<input type="checkbox"/> Y <input checked="" type="checkbox"/> X <input type="checkbox"/> N	5 - 10	actual																										
Contains TRI chemical above DeMinimus concentration. Actual concentration/range must be reported for each.					Flash Point ° F (closed cup)		Specific Gravity																										
					< 100 > 200		1.0-1.2																										
					100 - 140 NA																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Physical State</th> <th style="text-align: center;">Layers</th> <th style="text-align: center;">BTU/Pound (x1000)</th> <th style="text-align: center;">Total Suspended Solids (% wt.)</th> <th style="text-align: center;">Total Settled Solids</th> </tr> <tr> <td>Solid <input checked="" type="checkbox"/> Liquid _____</td> <td>X Single _____</td> <td>X < 2 _____ 10 - 16</td> <td>X < 1 _____ 10 - 20</td> <td>X < 1" _____</td> </tr> <tr> <td>Powder _____ Gel _____</td> <td>Bi _____</td> <td>2 - 5 _____ > 16</td> <td>1 - 5 _____ > 20</td> <td>1" - 6" _____</td> </tr> <tr> <td>Fused _____ Gas _____</td> <td>Multi _____</td> <td>5 - 10 _____</td> <td>5 - 10 _____</td> <td>6" - 12" _____</td> </tr> <tr> <td>Sludge _____ % _____</td> <td>actual _____</td> <td></td> <td></td> <td>> 12" _____</td> </tr> </table>					Physical State	Layers	BTU/Pound (x1000)	Total Suspended Solids (% wt.)	Total Settled Solids	Solid <input checked="" type="checkbox"/> Liquid _____	X Single _____	X < 2 _____ 10 - 16	X < 1 _____ 10 - 20	X < 1" _____	Powder _____ Gel _____	Bi _____	2 - 5 _____ > 16	1 - 5 _____ > 20	1" - 6" _____	Fused _____ Gas _____	Multi _____	5 - 10 _____	5 - 10 _____	6" - 12" _____	Sludge _____ % _____	actual _____			> 12" _____	X 4 - 6 _____		6 - 8 actual _____	
					Physical State	Layers	BTU/Pound (x1000)	Total Suspended Solids (% wt.)	Total Settled Solids																								
Solid <input checked="" type="checkbox"/> Liquid _____	X Single _____	X < 2 _____ 10 - 16	X < 1 _____ 10 - 20	X < 1" _____																													
Powder _____ Gel _____	Bi _____	2 - 5 _____ > 16	1 - 5 _____ > 20	1" - 6" _____																													
Fused _____ Gas _____	Multi _____	5 - 10 _____	5 - 10 _____	6" - 12" _____																													
Sludge _____ % _____	actual _____			> 12" _____																													
					Viscosity																												
					X Low _____ High _____		Medium _____																										

D-Code Characteristic Waste / TCLP (a blank box indicates N/A)		Actual Range	Continuation from Column (1)		Actual Range	
<input type="checkbox"/>	D001 Ignitable liquids (f.p. <140 °F)		<input type="checkbox"/>	D015 Toxaphene	>0.5 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Ignitable Liquids <input type="checkbox"/> High TOC (>10%)NW		<input type="checkbox"/>	D016 2, 4-D	>10.0 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Oxidizers <input type="checkbox"/> Low TOC (<10%) NWW		<input type="checkbox"/>	D017 2, 4, 5-TP Silvex	>1.0 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Reactives		<input type="checkbox"/>	D018 Benzene	>0.5 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Compressed Gases		<input type="checkbox"/>	D019 Carbon tetrachloride	>0.5 mg/l	
<input type="checkbox"/>	D002 Corrosive (pH ≤2 or ≥12.5)		<input type="checkbox"/>	D020 Chlordane	>0.03 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Acid Liquids <input type="checkbox"/> Alkaline Liquids		<input type="checkbox"/>	D021 Chlorobenzene	>100.0 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Other Corrosive Liquids		<input type="checkbox"/>	D022 Chloroform	>6.0 mg/l	
<input type="checkbox"/>	D003 Reactive		<input type="checkbox"/>	D023 o-Cresol	>200.0 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Reactive Sulfides <input type="checkbox"/> Reactive Cyanides		<input type="checkbox"/>	D024 m-Cresol	>200.0 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Water Reactives <input type="checkbox"/> Explosives		<input type="checkbox"/>	D025 p-Cresol	>200.0 mg/l	
<input type="checkbox"/>	<input type="checkbox"/> Other Reactives		<input type="checkbox"/>	D026 Cresol	>200.0 mg/l	
X	D004 Arsenic	>5.0 mg/l	9.6mg/Kg	<input type="checkbox"/>	D027 1, 4-Dichlorobenzene	>7.5 mg/l
<input type="checkbox"/>	D005 Barium	>100.0 mg/l		<input type="checkbox"/>	D028 1, 2-Dichloroethane	>0.5 mg/l
<input type="checkbox"/>	D006 Cadmium	>1.0 mg/l		<input type="checkbox"/>	D029 1, 1-Dichloroethylene	>0.7 mg/l
<input type="checkbox"/>	<input type="checkbox"/> Cadmium Batteries			<input type="checkbox"/>	D030 2, 4-Dinitrotoluene	>0.13 mg/l
X	D007 Chromium	>5.0 mg/l	12000mg/Kg	<input type="checkbox"/>	D031 Heptachlor (and it's epoxide)	>0.008 mg/l
<input type="checkbox"/>	D008 Lead	>5.0 mg/l		<input type="checkbox"/>	D032 Hexachlorobenzene	>0.13 mg/l
<input type="checkbox"/>	<input type="checkbox"/> Lead Acid Batteries			<input type="checkbox"/>	D033 Hexachlorobutadiene	>0.5 mg/l
<input type="checkbox"/>	D009 Mercury	>0.2 mg/l		<input type="checkbox"/>	D034 Hexachlorethane	>3.0 mg/l
<input type="checkbox"/>	<input type="checkbox"/> High Mercury Organics (>260 mg / kg Total)			<input type="checkbox"/>	D035 Methyl ethyl ketone	>200.0 mg/l
<input type="checkbox"/>	<input type="checkbox"/> Low Mercury Inorganics (>260 mg / kg Total)			<input type="checkbox"/>	D036 Nitrobenzene	>2.0 mg/l
<input type="checkbox"/>	<input type="checkbox"/> Incineration Residues			<input type="checkbox"/>	D037 Pentachlorophenol	>100.0 mg/l
<input type="checkbox"/>	<input type="checkbox"/> Low Mercury (<260 mg / kg Total)			<input type="checkbox"/>	D038 Pyridine	>5.0 mg/l
<input type="checkbox"/>	D010 Selenium	>1.0 mg/l		<input type="checkbox"/>	D039 Tetachloroethylene	>0.7 mg/l
<input type="checkbox"/>	D011 Silver	>5.0 mg/l		<input type="checkbox"/>	D040 Trichloroethylene	>0.5 mg/l
<input type="checkbox"/>	D012 Endrin	>0.02 mg/l		<input type="checkbox"/>	D041 2, 4, 5-Trichlorophenol	>400.0 mg/l
<input type="checkbox"/>	D013 Lindane	>0.4 mg/l		<input type="checkbox"/>	D042 2, 4, 6-Trichlorophenol	>2.0 mg/l
<input type="checkbox"/>	D014 Methoxchlor	>10.0 mg/l		<input type="checkbox"/>	D043 Vinyl Chloride	>0.2 mg/l

If waste is D001 - D043 does it contain any of the underlying hazardous constituents listed in Table UTS 40 CFR 268.48?

☐ YES -- (If "Yes" complete Question 2 below) ☒ NO -- (If "No" complete Question 3 below)

Other Metals	Actual / Range	Other Organic Constituents (ppm)	Actual / Range	Other Inorganic Constituents	None	ppm	Actual / Range
Copper		VOCs <100 >100		Cyanide (Total)		>250	
Nickel		*PCB 0 <50 50-500 >500		Cyanide (Amendable)		>30	
Thallium		TOC <1% >1%		Sulfides		>500	
Zinc							

*PCB regulated by 40 CFR part 761? ☐ Yes ☐ No If "Yes," material must be profiled on a confidential PCB waste profile

Federal Land Disposal Restrictions & Underlying Hazardous Constituent Determination

1. Federal Land Disposal Restriction Standards: (check one and complete questions)

- ☐ Does not meet any applicable standards
☒ Treated to meet all applicable standards
☐ Meets all applicable standards without treatment
☐ Needs to be treated to meet certain treatment standards
☐ No federally mandated treatment standards apply

2. List all underlying hazardous constituents applicable to this waste at the point of generation. Refer to 40 CFR 286.48 - Table UTS

2a. ☐ This waste meets the Universal Treatment Standards for all "underlying constituents" listed above.2b. ☒ This waste does not meet the Universal Treatment Standards for the "underlying constituents" listed above and must be treated before this waste can be land disposed.3. The above information was determined by: ☒ Generator's knowledge of the waste ☐ Laboratory analysis (attached)

Benzene NESHAP Determination

Is waste generated by a chemical manufacturing plant, coke by product recovery plant, or a petroleum refinery?

☐ Yes ☒ No
☐ Yes ☒ No

Does this waste contain benzene subject to the control requirements of 40 CFR Part 61 Subpart FF (NESHAP)?

Infectious Waste Certification

If the waste is biological, I certify that it is not infectious _____ initial

This information provided is true and correct and is based on analysis of a representative sample of the waste in accordance with EPA Guidelines Document SW-846 and EPA 60012-80018 or my thorough knowledge of the waste.

Signature: _____ Title: _____ Date: _____

CMEG, INC.

Generator's Material Profile Sheet

ID #:

Approval #:

Page 1 of 2

ENV RES

GENERATOR: **USEPA R4 ERRB US FINISHING SITE** EPA ID NO: **SCD003358744**

Address: 3335 BUNCOMBE ROAD

City: **GREENVILLE** State: **SC** County: **GREENVILLE** Zip: **29601**Contact: **LEO FRANCENDESE** Title: **OSC** Phone: **404-606-2223** Fax:Broker: **Clean Management Environmental Group, Inc.** Salesman: **Scott Bridgeman**Billing Address **P O BOX 1606** CITY: **WALTERBORO** STATE: **SC** ZIP: **29488** PHONE: **800-538-8131** FAX: **843-538-7845**

WASTE CHARACTERIZATION

COMMON NAME OF MATERIAL: **NON HAZARDOUS SOLIDS #2**PROCESS OF WASTE GENERATION: **EMERGENCY RESPONSE SITE CLEAN UP**

SOILD WASTE (TRASH & DEBRIS)	100	%		%
		%		%
		%		%
		%		%
		%		%

SEE ANALYTICAL

Powdery Solid ☐Solid ☒Soils ☐Viscosity: Thin ☐Liquid ☐Sludge ☐Multi Level ☐Medium ☐ Thick ☒Debris ☐

Describe:

Free Liquid %: 0%

Does the waste have an odor? Yes ☐ No ☒

Describe:

Color: VARIES 8-12 lbs/gal Flash Point: NA PH: NA

Ship every 30 days ☐ 45 days ☐ 60 days ☐ 90 days ☐ 180 days ☐ 360 days ☐ 1 Time ☒

Type/Size of Container: 55 GA DRUMS Quantity on Hand: 2

TCLP METAL CERTIFICATION

D004 ARSENIC	<5.00	<input checked="" type="checkbox"/>	D009 MERCURY	<0.20	<input checked="" type="checkbox"/>
D005 BARIUM	<100.00	<input checked="" type="checkbox"/>	D010 SELENIUM	<1.00	<input checked="" type="checkbox"/>
D006 CADMIUM	<1.00	<input checked="" type="checkbox"/>	D011 SILVER	<5.00	<input checked="" type="checkbox"/>
D007 CHROMIUM	<5.00	<input checked="" type="checkbox"/>	001D COPPER	<100.00	<input checked="" type="checkbox"/>
D008 LEAD	<5.00	<input checked="" type="checkbox"/>	003D ZINC	<500.00	<input checked="" type="checkbox"/>

STANDARD 8 AIR TOXICS LIST

Indicate below all of the following compounds that can reasonably be expected to be in this waste stream.

Please Indicate One: totals **X** MSDS: Generator Knowledge:

CAS NO	PPM%	CAS NO	PPM%	CAS NO	PPM%
Acetaldehyde 75070	BRL	Cyanic Acid 420053	BRL	Nitric Acid 7697372	BRL
Acetamide 60355	BRL	Cyanide 57125	BRL	Nitroaniline(p-) 100016	BRL
Acetic Anhydride 108247	BRL	Cyanide Compounds *****	BRL	Nitrobenzene 98953	BRL
Acetonitrile 75058	BRL	Cyanoacetamide 107915	BRL	Nitrobiphenyl (4-) 92933	BRL
Acetophenone 98862	BRL	Cyanogen 460195	BRL	Nitrogen Mustard 51752	BRL
Acetylaminofluonne (2-) 53963	BRL	DDE 3547044	BRL	Nitroglycerin 55630	BRL
Acetylene Tetrachloride 79345	BRL	Diazomethane 334883	BRL	Nitrophenol (p-) 100027	BRL
Acrolein 107028	BRL	Dibenzefuran 132649	BRL	Nitropropane(1-) 108032	BRL
Acrylamide 79061	BRL	Dibrom-3-Chloropropane(1,2-) 96128	BRL	Nitropropane(2-) 79469	BRL
Acrylic Acid 79107	BRL	Dibutylphthalate 84742	BRL	Nitrosodimethylamine 62759	BRL
Acrylonitrile 107131	BRL	Dichlorobenzene(p-) 106467	BRL	Nitrosomorpholine 59892	BRL
Aldicarb 116063	BRL	Dichlorobenzidine(3,3-) 91941	BRL	Nitrosomorpheno(p-) 104916	BRL
Allyl Chloride 107051	BRL	Dichloropropene(1,3-) 542756	BRL	Nitroso-N-Methylurea(N-) 684935	BRL
Aminodiphenyl (p-) 92671	BRL	Dichlorvos 62737	BRL	Nitrotoluene(p-) 99990	BRL
Ammonium Chloride 12125029	BRL	Diethanolamine 111422	BRL	Octachloronaphthalene 2234131	BRL
Aniline 62533	BRL	Diethyl Phthalate 84662	BRL	Octadecanoic Acid(n-) 57114	BRL
Anisidine (0-) 90040	BRL	Diethyl Sulfate 64675	BRL	Oxalic Acid 144627	BRL
Anisidine (p-) 104949	BRL	Diethylaniline(N,N-) 121697	BRL	Paraquat 1910425	BRL
Antimony Compounds *****	BRL	Diisodecyl Phthalate 2671400	BRL	Parathion 56382	BRL

CMEG PROFILE SHEET

COMPANY NAME:

USEPA R4 US FINISHING

PROFILE #:

PAGE 2 OF 2

	CAS NO.	PPM%		CAS NO.	PPM%		CAS NO.	PPM%
Arsenic	7440382	BRL	Dimethoxybenzidine(3,3-)	119904	BRL	Pentachloronitrobenzene	82688	BRL
Arsenic Pentoxide	1303282	BRL	Dimethyl Benzidine(3,3'-)	119937	BRL	Pentachlorophenol	87865	BRL
Benzene	71432	BRL	Dimethyl Caramoyl Chloride	79447	BRL	Perchloroethylene	127184	BRL
Benzidine	92875	BRL	Dimethyl Formamide	68122	BRL	Phenol	108952	BRL
Benzotrichloride	98077	BRL	Dimethyl Hydrazine(1,1-)	57147	BRL	Phenylenediamine(p-)	106503	BRL
Benzyl Chloride	100447	BRL	Dimethyl Hydrazine(1,2-)	540738	BRL	Phenylhydrazine	100630	BRL
Beryllium	7440417	BRL	Dimethyl Phthalate	131113	BRL	Phosgene Carbonyl Chloride	75445	BRL
Beryllium Oxide	1304569	BRL	Dimethyl Sulfate	77781	BRL	Phosphine	7803512	BRL
Beryllium Sulfate	13510491	BRL	Dimethylaminoazobenze(4-)	60117	BRL	Phosphoric Acid	7664382	BRL
Belphenyl	92524	BRL	Dinitrobenzene(m-)	99650	BRL	Phosphorus	7723140	BRL
Bis (Chloroemethyl) Ether	542881	BRL	Dinitrophenol(2,4-)	51285	BRL	Phthalic Anhydride	85449	BRL
Bis-(2-ethylhexyl)phthalate	117817	BRL	Dinitrotoluene(2,4-)	121142	BRL	Picric Acid	88891	BRL
Bromoform	75252	BRL	Dinitro-o-cresol(4,6-) and salts	534521	BRL	Polychlorinated Diphenyl's		BRL
Butadiene(1,3-)	106990	BRL	Diocetyl Phthalate	117840	BRL	(PCB) Multiple Compounds	****	BRL
Butanethiol	19795	BRL	Dioxane	123911	BRL	Polycyclic Organic Matter	****	BRL
Butylamine(n-)	109739	BRL	Diphenylhydrazine(1,2-)	122667	BRL	Propane Sultone(1,3-)	1120714	BRL
Cadmium	7440439	BRL	D (2,4-), salts and esters	94757	BRL	Propiolactone(b-)	57578	BRL
Cadmium Oxide	1306190	BRL	Epichlorohydrin	106898	BRL	Propoxur	114261	BRL
Cadmium Sulfate	10124364	BRL	Epoxybutane(1,2-)	106887	BRL	Sulfuric Acid	7664939	BRL
Calcium Cyanamide	156627	BRL	Ethanethiol	75081	BRL	Tetrachlorinated Dibenzo-p-	4746016	BRL
Caprolactam, dust	105602	BRL	Ethanolamine	141435	BRL	Tetrachloroethane(1,1,2,2-)	79345	BRL
Caprolactam, vapor	105602	BRL	Ethyl Acrylate	140885	BRL	Tetrachloroethylene	127184	BRL
Captan	133062	BRL	Ethyl Benzene	100414	BRL	Titanium Tetrachloride	7550450	BRL
Carbaryl	63252	BRL	Ethyl Chloride	75003	BRL	Toluene	108883	BRL
Carbon Disulfide	75150	BRL	Ethylene Dibromide	16934	BRL	Toluene Diisocyanate	584840	BRL
Carbon Tetrachloride	56235	BRL	Ethylene Dichloride	107062	BRL	Toluenediamine(2,4-)	95807	BRL
Carbonyl Sulfide	463581	BRL	Ethylene Glycol	107211	BRL	Toluene-2, 4-diisocyanate	584849	BRL
Catechol	120809	BRL	Ethylene Oxide	75218	BRL	Toluidine(o-)	95534	BRL
Chloramben	133904	BRL	Ethylene Thiourea	96457	BRL	Toxaphene	8001352	BRL
Chlordane	57749	BRL	Ethylenimine	151564	BRL	Trichlorobenzene(1,2,4-)	120821	BRL
Chlorine	7782505	BRL	Ethylidene Dichloride	75343	BRL	Trichloroethane(1,1,2-)	79005	BRL
Chloroacetic Acid	79118	BRL	Formaldehyde	50000	BRL	Trichloroethylene	79016	BRL
Chloracetophenone(2-)	532274	BRL	Formamide	75127	BRL	Trichlorophenol(2,4,5-)	95954	BRL
Chlorobenzene	108907	BRL	Formic Acid	64186	BRL	Trichlorophenol(2,4,6-)	88062	BRL
Chlor Based on:	510156	BRL	Furfural	98011	BRL	Triethylamine	121448	BRL
Chloroform	67663	BRL	Furfuryl Alcohol	98000	BRL	Trifluralin	15802098	BRL
Chlormethyl Methyl Ether	107302	BRL	Glycidaldehyde	765344	BRL	Trimethylpentane(2,2,4-)	540841	BRL
Chloronitrobenzene(p-)	100005	BRL	Glycol Ethers	****	BRL	Urethane Carbamic Acid Eth	51796	BRL
Chloroprene	126998	BRL	Heptachlor	76448	BRL	Vinyl Acetate	108054	BRL
Chromium(6+) Compounds	*****	BRL	Hexachlorobenzene	118741	BRL	Vinyl Bromide	593602	BRL
Cobalt Compounds	*****	BRL	Hexachlorobutadiene	87683	BRL	Vinyl Chloride	75014	BRL
Coke Oven Emissions	*****	BRL	Hexachlorocyclohexane		BRL	Vinyl Fluoride	75025	BRL
Cresol	1319773	BRL	(multiple isomers)	608731	BRL	Vinylidene Chloride	75354	BRL
Cresols/cresylic acid		BRL	Naphthalene	91203	BRL	Xylene	1330207	BRL
and mixture	1319773	BRL	Naphthylamine(a-)	134327	BRL	Xylene(m-)	108383	BRL
Cresol(m-)	108394	BRL	Naphthylamine(b-)	91598	BRL	Xylene(o-)	95476	BRL
Cresol(o-)	95487	BRL	Nickel	7440020	BRL	Xylene(p-)	106423	BRL
Cresol(p-)	106445	BRL	Nickel Carbonyl	1.3E+07	BRL	Xylidine	1300738	BRL
Cumene	98828	BRL	Nickel Oxide	1313991	BRL	Lead	****	BRL
Cyanamide	420042	BRL	Nickel Sulfate	7786814	BRL			

"I CERTIFY BASED UPON MY KNOWLEDGE OF THE WASTE AND GENERATING PROCESS, THAT ALL OTHER TCLP CONSTITUENTS (SEE PAGE 1) ARE BELOW REGULATORY LEVELS, AND TO THE BEST OF MY GENERATOR KNOWLEDGE, ANALYTICAL TESTING, MSDS SHEETS, AND/OR OTHER METHODS OF DETERMINATION; THERE ARE NO OTHER COMPOUNDS LISTED ABOVE THAT CAN REASONABLE BE EXPECTED TO BE IN THIS NON-HAZARDOUS WASTE STREAM OR CONCENTRATIONS OF THESE COMPOUNDS IN EXCESS OF THOSE INDICATED ABOVE. I FURTHER HEREBY CERTIFY UNDER PENALTY OF THE LAW THAT THE INFORMATION HEREIN IS COMPLETE AND FACTUAL. THE WASTE MATERIAL DESCRIBED IN NON-HAZARDOUS PER ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND IS EXACTLY THE SAME WASTE MATERIAL THAT WILL BE DELIVERED TO CMEG, INC. FOR TREATMENT AND I UNDERSTAND THAT MY WASTE WILL BE BULKED WITH OTHER NON-HAZARDOUS WASTE FOR DISPOSAL. I UNDERSTAND THAT CMEG, INC. IS A NON-HAZARDOUS WASTE PROCESSING FACILITY AND CAN ONLY RECEIVE NON-HAZARDOUS WASTE AND THAT THERE ARE SEVERE PENALTIES FOR SUBMITTING FALSE CERTIFICATIONS. I, THE CUSTOMER, AGREES TO REMOVE AND DISPOSE OF ANY REGULATED HAZARDOUS WASTE THAT IS DISCOVERED WITHIN THE CUSTOMER'S SHIPMENT."

SIGNATURE

PRINT NAME

TITLE

DATE

CMEG, INC.

Generator's Material Profile Sheet

ID #:

Approval #:

Page 1 of 2

ENV RES

GENERATOR: USEPA R4 ERRB US FINISHING SITE EPA ID NO: SCD003358744Address: 3335 BUNCOMBE ROADCity: GREENVILLE State: SC County: GREENVILLE Zip: 29601Contact: LEO FRANCENDESE Title: OSC Phone: 404-606-2223 Fax: _____Broker: Clean Management Environmental Group, Inc. Salesman: Scott BridgemanBilling Address P O BOX 1606 CITY: WALTERBORO STATE: SC ZIP: 29488 PHONE: 800-538-8131 FAX: 843-538-7845

WASTE CHARACTERIZATION

COMMON NAME OF MATERIAL : OIL #3
PROCESS OF WASTE GENERATION: EMERGENCY RESPONSE SITE CLEAN UP

WASTE OIL	100	%		%
		%		%
		%		%
		%		%
		%		%

SEE ANALYTICAL

Powdery Solid ☐Solid ☐Soils ☐Viscosity: Thin ☒Liquid ☒Sludge ☐Multi Level ☐Medium ☐ Thick ☐Debris ☐

Describe: _____

Free Liquid %: 100%

Describe: _____

Does the waste have an odor? Yes ☐ No ☒Color: VARIES 8 lbs/gal Flash Point: 180 PH: 6.78Ship every 30 days ☐ 45 days ☐ 60 days ☐ 90 days ☐ 180 days ☐ 360 days ☐ 1 Time ☒Type/Size of Container: 55 GA DRUMS Quantity on Hand: 2

TCLP METAL CERTIFICATION

	BRL		BRL
D004 ARSENIC	<5.00	D009 MERCURY	<0.20
D005 BARIUM	<100.00	D010 SELENIUM	<1.00
D006 CADMIUM	<1.00	D011 SILVER	<5.00
D007 CHROMIUM	<5.00	001D COPPER	<100.00
D008 LEAD	<5.00	003D ZINC	<500.00

STANDARD 8 AIR TOXICS LIST

Indicate below all of the following compounds that can reasonably be expected to be in this waste stream.

Please Indicate One: totals X MSDS: _____ Generator Knowledge: _____

CAS NO	PPM%	CAS NO	PPM%	CAS NO	PPM%
Acetaldehyde 75070	BRL	Cyanic Acid 420053	BRL	Nitric Acid 7697372	BRL
Acetamide 60355	BRL	Cyanide 57125	BRL	Nitroaniline(p-) 100016	BRL
Acetic Anhydride 108247	BRL	Cyanide Compounds *****	BRL	Nitrobenzene 98953	BRL
Acetonitrile 75058	BRL	Cyanoacetamide 107915	BRL	Nitrobiphenyl (4-) 92933	BRL
Acetophenone 98862	BRL	Cyanogen 460195	BRL	Nitrogen Mustard 51752	BRL
Acetylaminofluonne (2-) 53963	BRL	DDE 3547044	BRL	Nitroglycerin 55630	BRL
Acetylene Tetrachloride 79345	BRL	Diazomethane 334883	BRL	Nitrophenol (p-) 100027	BRL
Acrolein 107028	BRL	Dibenzefuran 132649	BRL	Nitropropane(1-) 108032	BRL
Acrylamide 79061	BRL	Dibrom-3-Chloropropane(1,2-) 1128	BRL	Nitropropane(2-) 79469	BRL
Acrylic Acid 79107	BRL	Dibutylphthalate 84742	BRL	Nitrosodimethylamine 62759	BRL
Acrylonitrile 107131	BRL	Dichlorobenzene(p-) 106467	BRL	Nitrosomorpholine 59892	BRL
Aldicarb 116063	BRL	Dichlorobenzidine(3,3-) 91941	BRL	Nitrosomorphenol(p-) 104916	BRL
Allyl Chloride 107051	BRL	Dichloropropene(1,3-) 542756	BRL	Nitroso-N-Methylurea(N-) 684935	BRL
Aminodiphenyl (p-) 92671	BRL	Dichlorvos 62737	BRL	Nitrotoluene(p-) 99990	BRL
Ammonium Chloride 12125029	BRL	Diethanolamine 111422	BRL	Octachloronaphthalene 2234131	BRL
Aniline 62533	BRL	Diethyl Phthalate 84662	BRL	Octradecanoic Acid(n-) 57114	BRL
Anisidine (0-) 90040	BRL	Diethyl Sulfate 64675	BRL	Oxalic Acid 144627	BRL
Anisidine (p-) 104949	BRL	Diethylaniline(N,N-) 121697	BRL	Paraquat 1910425	BRL
Antimony Compounds *****	BRL	Diisodecyl Phthalate 2671400	BRL	Parathion 56382	BRL

CMEG PROFILE SHEET

COMPANY NAME:

USEPA R4 US FINISHING

PROFILE #:

PAGE 2 OF 2

	CAS NO.	PPM%		CAS NO.	PPM%		CAS NO.	PPM%
Arsenic	7440382	BRL	Dimethoxybenzidine(3,3-)	119904	BRL	Pentachloronitrobenzene	82688	BRL
Arsenic Pentoxide	1303282	BRL	Dimethyl Benzidine(3,3'-)	119937	BRL	Pentachlorophenol	87865	BRL
Benzene	71432	BRL	Dimethyl Caramoyl Chloride	79447	BRL	Perchloroethylene	127184	BRL
Benzidine	92875	BRL	Dimethyl Formamide	68122	BRL	Phenol	108952	BRL
Benzotrichloride	98077	BRL	Dimethyl Hydrazine(1,1-)	57147	BRL	Phenylenediamine(p-)	106503	BRL
Benzyl Chloride	100447	BRL	Dimethyl Hydrazine(1,2-)	540738	BRL	Phenylhydrazine	100630	BRL
Beryllium	7440417	BRL	Dimethyl Phthalate	131113	BRL	Phosgene Carbonyl Chloride	75445	BRL
Beryllium Oxide	1304569	BRL	Dimethyl Sulfate	77781	BRL	Phosphine	7803512	BRL
Beryllium Sulfate	13510491	BRL	Dimethylaminoazobenze(4-)	60117	BRL	Phosphoric Acid	7664382	BRL
Belphenyl	92524	BRL	Dinitrobenzene(m-)	99650	BRL	Phosphorus	7723140	BRL
Bis (Chloroemethyl) Ether	542881	BRL	Dinitrophenol(2,4-)	51285	BRL	Phthalic Anhydride	85449	BRL
Bis-(2-ethylhexyl)phthalate	117817	BRL	Dinitrotoluene(2,4-)	121142	BRL	Picric Acid	88891	BRL
Bromoform	75252	BRL	Dinitro-o-cresol(4,6-) and salts	534521	BRL	Polychlorinated Diphenyl's	****	BRL
Butadiene(1,3-)	106990	BRL	Dioctyl Phthalate	117840	BRL	(PCB) Multiple Compounds	****	BRL
Butanethiol	19795	BRL	Dioxane	123911	BRL	Polycyclic Organic Matter	****	BRL
Butylamine(n-)	109739	BRL	Diphenylhydrazine(1,2-)	122667	BRL	Propane Sultone(1,3-)	1120714	BRL
Cadmium	7440439	BRL	D (2,4-), salts and esters	94757	BRL	Propiolactone(b-)	57578	BRL
Cadmium Oxide	1306190	BRL	Epichlorohydrin	106898	BRL	Propoxur	114261	BRL
Cadmium Sulfate	10124364	BRL	Epoxybutane(1,2-)	106887	BRL	Sulfuric Acid	7664939	BRL
Calcium Cyanamide	156627	BRL	Ethanethiol	75081	BRL	Tetrachlorinated Dibenzo-p-4	476016	BRL
Caprolactam, dust	105602	BRL	Ethanolamine	141435	BRL	Tetrachloroethane(1,1,2,2-)	79345	BRL
Caprolactam, vapor	105602	BRL	Ethyl Acrylate	140885	BRL	Tetrachlorethylene	127184	BRL
Captan	133062	BRL	Ethyl Benzene	100414	BRL	Titanium Tetrachloride	7550450	BRL
Carbaryl	63252	BRL	Ethyl Chloride	75003	BRL	Toluene	108883	BRL
Carbon Disulfide	75150	BRL	Ethylene Dibromide	16934	BRL	Toluene Diisocyanate	584840	BRL
Carbon Tetrachloride	56235	BRL	Ethylene Dichloride	107062	BRL	Toluenediamine(2,4-)	95807	BRL
Carbonyl Sulfide	463581	BRL	Ethylene Glycol	107211	BRL	Toluene-2, 4-diisocyanate	584849	BRL
Catechol	120809	BRL	Ethylene Oxide	75218	BRL	Toluidine(o-)	95534	BRL
Chloramben	133904	BRL	Ethylene Thiourea	96457	BRL	Toxaphene	8001352	BRL
Chlordane	57749	BRL	Ethyleneimine	151564	BRL	Trichlorobenzene(1,2,4-)	120821	BRL
Chlorine	7782505	BRL	Ethylidene Dichloride	75343	BRL	Trichloroethane(1,1,2-)	79005	BRL
Chloroecetic Acid	79118	BRL	Formaldehyde	50000	BRL	Trichloroethylene	79016	BRL
Chloracetophenone(2-)	532274	BRL	Formamide	75127	BRL	Trichlorophenol(2,4,5-)	95954	BRL
Chlorobenzene	108907	BRL	Formic Acid	64186	BRL	Trichlorophenol(2,4,6-)	88062	BRL
Chloro Based on:	510156	BRL	Furfural	98011	BRL	Triethylamine	121448	BRL
Chloroform	67663	BRL	Furfuryl Alcohol	98000	BRL	Trifluralin	15802098	BRL
Chlormethyl Methyl Ether	107302	BRL	Glycidaldehyde	765344	BRL	Trimethylpentane(2,2,4-)	540841	BRL
Chloronitrobenzene(p-)	100005	BRL	Glycol Ethers	****	BRL	Urethane Carbamic Acid Eth	51796	BRL
Chloroprene	126998	BRL	Heptachlor	76448	BRL	Vinyl Acetate	108054	BRL
Chromium(6+) Compounds	*****	BRL	Hexachlorobenzene	118741	BRL	Vinyl Bromide	593602	BRL
Cobalt Compounds	*****	BRL	Hexachlorobutadiene	87683	BRL	Vinyl Chloride	75014	BRL
Coke Oven Emissions	*****	BRL	Hexachlorocyclohexane		BRL	Vinyl Fluoride	75025	BRL
Cresol	1319773	BRL	(multiple isomers)	608731	BRL	Vinylidene Chloride	75354	BRL
Cresols/cresylic acid		BRL	Naphthalene	91203	BRL	Xylene	1330207	BRL
and mixture	1319773	BRL	Naphthylamine(a-)	134327	BRL	Xylene(m-)	108383	BRL
Cresol(m-)	108394	BRL	Naphthylamine(b-)	91598	BRL	Xylene(o-)	95476	BRL
Cresol(o-)	95487	BRL	Nickel	7440020	BRL	Xylene(p-)	106423	BRL
Cresol(p-)	106445	BRL	Nickel Carbonyl	1.3E+07	BRL	Xylidine	1300738	BRL
Cumene	98828	BRL	Nickel Oxide	1313991	BRL	Lead	****	BRL
Cyanamide	420042	BRL	Nickel Sulfate	7786814	BRL			

"I CERTIFY BASED UPON MY KNOWLEDGE OF THE WASTE AND GENERATING PROCESS, THAT ALL OTHER TCLP CONSTITUENTS (SEE PAGE 1) ARE BELOW REGULATORY LEVELS, AND TO THE BEST OF MY GENERATOR KNOWLEDGE, ANALYTICAL TESTING, MSDS SHEETS, AND/OR OTHER METHODS OF DETERMINATION; THERE ARE NO OTHER COMPOUNDS LISTED ABOVE THAT CAN REASONABLE BE EXPECTED TO BE IN THIS NON-HAZARDOUS WASTE STREAM OR CONCENTRATIONS OF THESE COMPOUNDS IN EXCESS OF THOSE INDICATED ABOVE. I FURTHER HEREBY CERTIFY UNDER PENALTY OF THE LAW THAT THE INFORMATION HEREIN IS COMPLETE AND FACTUAL. THE WASTE MATERIAL DESCRIBED IN NON-HAZARDOUS PER ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND IS EXACTLY THE SAME WASTE MATERIAL THAT WILL BE DELIVERED TO CMEG, INC. FOR TREATMENT AND I UNDERSTAND THAT MY WASTE WILL BE BULKED WITH OTHER NON-HAZARDOUS WASTE FOR DISPOSAL. I UNDERSTAND THAT CMEG, INC. IS A NON-HAZARDOUS WASTE PROCESSING FACILITY AND CAN ONLY RECEIVE NON-HAZARDOUS WASTE AND THAT THERE ARE SEVERE PENALTIES FOR SUBMITTING FALSE CERTIFICATIONS. I, THE CUSTOMER, AGREES TO REMOVE AND DISPOSE OF ANY REGULATED HAZARDOUS WASTE THAT IS DISCOVERED WITHIN THE CUSTOMER'S SHIPMENT."

SIGNATURE

PRINT NAME

TITLE

DATE

CMEG, INC.

Generator's Material Profile Sheet

ID #:

Approval #:

Page 1 of 2

ENV RES

GENERATOR:

USEPA R4 ERRB US FINISHING SITE

EPA ID NO:

SCD003358744

Address: 3335 BUNCOMBE ROAD

City: GREENVILLE State: SC County: GREENVILLE Zip: 29601

Contact: LEO FRANCENDESE Title: OSC Phone: 404-606-2223 Fax:

Broker: Clean Management Environmental Group, Inc. Salesman: Scott Bridgeman

Billing Address P O BOX 1606

CITY: WALTERBORO

STATE: SC

ZIP

29488

PHONE: 800-538-8131

FAX: 843-538-7845

WASTE CHARACTERIZATION

COMMON NAME OF MATERIAL : NON HAZARDOUS LIQUIDS (#4 & #5)

PROCESS OF WASTE GENERATION: EMERGENCY RESPONSE SITE CLEAN UP

NON HAZ WASTE LIQUIDS	100	%		%
		%		%
		%		%
		%		%
		%		%

SEE ANALYTICAL

Powdery Solid ☐Liquid ☒Debris ☐Solid ☐Sludge ☐

Describe: _____

Soils ☐Multi Level ☐Viscosity: Thin ☒Medium ☐ Thick ☐

Free Liquid %: 100%

Does the waste have an odor? Yes ☐ No ☒

Describe: _____

Color: VARIES

8

lbs/gal

Flash Point: 180

PH: 4.37

Ship every 30 days ☐45 days ☐60 days ☐90 days ☐180 days ☒360 days ☐1 Time ☒

Type/Size of Container: 55 GA DRUMS & 10GA DRUMS

Quantity on Hand: 2

TCLP METAL CERTIFICATION

BRL			BRL		
D004 ARSENIC	<5.00	<input checked="" type="checkbox"/>	D009 MERCURY	<0.20	<input checked="" type="checkbox"/>
D005 BARIUM	<100.00	<input checked="" type="checkbox"/>	D010 SELENIUM	<1.00	<input checked="" type="checkbox"/>
D006 CADMIUM	<1.00	<input checked="" type="checkbox"/>	D011 SILVER	<5.00	<input checked="" type="checkbox"/>
D007 CHROMIUM	<5.00	<input checked="" type="checkbox"/>	001D COPPER	<100.00	<input checked="" type="checkbox"/>
D008 LEAD	<5.00	<input checked="" type="checkbox"/>	003D ZINC	<500.00	<input checked="" type="checkbox"/>

STANDARD 8 AIR TOXICS LIST

Indicate below all of the following compounds that can reasonably be expected to be in this waste stream.

Please Indicate One:

totals X

MSDS: _____

Generator Knowledge: _____

CAS NO	PPM%	CAS NO	PPM%	CAS NO	PPM%
Acetaldehyde 75070	BRL	Cyanic Acid 420053	BRL	Nitric Acid 7697372	BRL
Acetamide 60355	BRL	Cyanide 57125	BRL	Nitroaniline(p-) 100016	BRL
Acetic Anhydride 108247	BRL	Cyanide Compounds *****	BRL	Nitrobenzene 98953	BRL
Acetonitrile 75058	BRL	Cyanoacetamide 107915	BRL	Nitrobiphenyl (4-) 92933	BRL
Acetophenone 98862	BRL	Cyanogen 460195	BRL	Nitrogen Mustard 51752	BRL
Acetylaminofluonne (2-) 53963	BRL	DDE 3547044	BRL	Nitroglycerin 55630	BRL
Acetylene Tetrachloride 79345	BRL	Diazomethane 334883	BRL	Nitrophenol (p-) 100027	BRL
Acrolein 107028	BRL	Dibenzefuran 132649	BRL	Nitropropane(1-) 108032	BRL
Acrylamide 79061	BRL	Dibrom-3-Chloropropane(1,2-96128	BRL	Nitropropane(2-) 79469	BRL
Acrylic Acid 79107	BRL	Dibutylphthalate 84742	BRL	Nitrosodimethylamine 62759	BRL
Acrylonitrile 107131	BRL	Dichlorobenzene(p-) 106467	BRL	Nitrosomorpholine 59892	BRL
Aldicarb 116063	BRL	Dichlorobenzidine(3,3-) 91941	BRL	Nitrosomorpholine(p-) 104916	BRL
Allyl Chloride 107051	BRL	Dichloropropene(1,3-) 542756	BRL	Nitroso-N-Methylurea(N-) 684935	BRL
Aminodiphenyl (p-) 92671	BRL	Dichlorvos 62737	BRL	Nitrotoluene(p-) 99990	BRL
Ammonium Chloride 12125029	BRL	Diethanolamine 111422	BRL	Octachloronaphthalene 2234131	BRL
Aniline 62533	BRL	Diethyl Phthalate 84662	BRL	Octadecanoic Acid(n-) 57114	BRL
Anisidine (0-) 90040	BRL	Diethyl Sulfate 64675	BRL	Oxalic Acid 144627	BRL
Anisidine (p-) 104949	BRL	Diethylaniline(N,N-) 121697	BRL	Paraquat 1910425	BRL
Antimony Compounds *****	BRL	Diisodecyl Phthalate 2671400	BRL	Parathion 56382	BRL

CMEG PROFILE SHEET

COMPANY NAME:

USEPA R4 US FINISHING

PROFILE #:

PAGE 2 OF 2

	CAS NO.	PPM%		CAS NO.	PPM%		CAS NO.	PPM%
Arsenic	7440382	BRL	Dimethoxybenzidine(3,3-)	119904	BRL	Pentachloronitrobenzene	82688	BRL
Arsenic Pentoxide	1303282	BRL	Dimethyl Benzidine(3,3'-)	119937	BRL	Pentachlorophenol	87865	BRL
Benzene	71432	BRL	Dimethyl Caramoyl Chloride	79447	BRL	Perchloroethylene	127184	BRL
Benzidine	92875	BRL	Dimethyl Formamide	68122	BRL	Phenol	108952	BRL
Benzotrichloride	98077	BRL	Dimethyl Hydrazine(1,1-)	57147	BRL	Phenylenediamine(p-)	106503	BRL
Benzyl Chloride	100447	BRL	Dimethyl Hydrazine(1,2-)	540738	BRL	Phenylhydrazine	100630	BRL
Beryllium	7440417	BRL	Dimethyl Phthalate	131113	BRL	Phosgene Carbonyl Chloride	75445	BRL
Beryllium Oxide	1304569	BRL	Dimethyl Sulfate	77781	BRL	Phosphine	7803512	BRL
Beryllium Sulfate	13510491	BRL	Dimethylaminoazobenze(4-)	60117	BRL	Phosphoric Acid	7664382	BRL
Belphenyl	92524	BRL	Dinitrobenzene(m-)	99650	BRL	Phosphorus	7723140	BRL
Bis (Chloroemethyl) Ether	542881	BRL	Dinitrophenol(2,4-)	51285	BRL	Phthalic Anhydride	85449	BRL
Bis-(2-ethylhexyl)phthalate	117817	BRL	Dinitrotoluene(2,4-)	121142	BRL	Picric Acid	88891	BRL
Bromoform	75252	BRL	Dinitro-o-cresol(4,6-) and salts	534521	BRL	Polychlorinated Diphenyl's		BRL
Butadiene(1,3-)	106990	BRL	Diocetyl Phthalate	117840	BRL	(PCB) Multiple Compounds	****	BRL
Butanethiol	19795	BRL	Dioxane	123911	BRL	Polycyclic Organic Matter	****	BRL
Butylamine(n-)	109739	BRL	Diphenylhydrazine(1,2-)	122667	BRL	Propane Sultone(1,3-)	1120714	BRL
Cadmium	7440439	BRL	D (2,4-), salts and esters	94757	BRL	Propiolactone(b-)	57578	BRL
Cadmium Oxide	1306190	BRL	Epichlorohydrin	106898	BRL	Propoxur	114261	BRL
Cadmium Sulfate	10124364	BRL	Epoxybutane(1,2-)	106887	BRL	Sulfuric Acid	7664939	BRL
Calcium Cyanamide	156627	BRL	Ethanethiol	75081	BRL	Tetrachlorinated Dibenzo-p-t	746016	BRL
Caprolactam, dust	105602	BRL	Ethanolamine	141435	BRL	Tetrachloroethane(1,1,2,2-)	79345	BRL
Caprolactam, vapor	105602	BRL	Ethyl Acrylate	140885	BRL	Tetrachlorethylene	127184	BRL
Captan	133062	BRL	Ethyl Benzene	100414	BRL	Titanium Tetrachloride	7550450	BRL
Carbaryl	63252	BRL	Ethyl Chloride	75003	BRL	Toluene	108883	BRL
Carbon Disulfide	75150	BRL	Ethylene Dibromide	16934	BRL	Toluene Diisocyanate	584840	BRL
Carbon Tetrachloride	56235	BRL	Ethylene Dichloride	107062	BRL	Toluenediamine(2,4-)	95807	BRL
Carbonyl Sulfide	463581	BRL	Ethylene Glycol	107211	BRL	Toluene-2, 4-diisocyanate	584849	BRL
Catechol	120809	BRL	Ethylene Oxide	75218	BRL	Toluidine(o-)	95534	BRL
Chloramben	133904	BRL	Ethylene Thiourea	96457	BRL	Toxaphene	8001352	BRL
Chlordane	57749	BRL	Ethylenimine	151564	BRL	Trichorobenzene(1,2,4-)	120821	BRL
Chlorine	7782505	BRL	Ethylidene Dichloride	75343	BRL	Trichloroethane(1,1,2-)	79005	BRL
Chloroecetic Acid	79118	BRL	Formaldehyde	50000	BRL	Trichloroethylene	79016	BRL
Chloracetophenone(2-)	532274	BRL	Formamide	75127	BRL	Trichlorophenol(2,4,5-)	95954	BRL
Chlorobenzene	108907	BRL	Formic Acid	64186	BRL	Trichlorophenol(2,4,6-)	88062	BRL
Chloro Based on:	510156	BRL	Furfural	98011	BRL	Triethylamine	121448	BRL
Chloroform	67663	BRL	Furfuryl Alcohol	98000	BRL	Trifluralin	15802098	BRL
Chlormethyl Methyl Ether	107302	BRL	Glycidaldehyde	765344	BRL	Trimethylpentane(2,2,4-)	540841	BRL
Chloronitrobenzene(p-)	100005	BRL	Glycol Ethers	****	BRL	Urethane Carbamic Acid Eth	51796	BRL
Chloroprene	126998	BRL	Heptachlor	76448	BRL	Vinyl Acetate	108054	BRL
Chromium(6+) Compounds	*****	BRL	Hexachlorobenzene	118741	BRL	Vinyl Bromide	593602	BRL
Cobalt Compounds	*****	BRL	Hexachlorobutadiene	87683	BRL	Vinyl Chloride	75014	BRL
Coke Oven Emissions	*****	BRL	Hexachlorocyclohexane		BRL	Vinyl Fluoride	75025	BRL
Cresol	1319773	BRL	(multiple isomers)	608731	BRL	Vinylidene Chloride	75354	BRL
Cresols/cresylic acid		BRL	Naphthalene	91203	BRL	Xylene	1330207	BRL
and mixture	1319773	BRL	Naphthylamine(a-)	134327	BRL	Xylene(m-)	108383	BRL
Cresol(m-)	108394	BRL	Naphthylamine(b-)	91598	BRL	Xylene(o-)	95476	BRL
Cresol(o-)	95487	BRL	Nickel	7440020	BRL	Xylene(p-)	106423	BRL
Cresol(p-)	106445	BRL	Nickel Carbonyl	1.3E+07	BRL	Xylidine	1300738	BRL
Cumene	98828	BRL	Nickel Oxide	1313991	BRL	Lead	****	BRL
Cyanamide	420042	BRL	Nickel Sulfate	7786814	BRL			

"I CERTIFY BASED UPON MY KNOWLEDGE OF THE WASTE AND GENERATING PROCESS, THAT ALL OTHER TCLP CONSTITUENTS (SEE PAGE 1) ARE BELOW REGULATORY LEVELS, AND TO THE BEST OF MY GENERATOR KNOWLEDGE, ANALYTICAL TESTING, MSDS SHEETS, AND/OR OTHER METHODS OF DETERMINATION; THERE ARE NO OTHER COMPOUNDS LISTED ABOVE THAT CAN REASONABLE BE EXPECTED TO BE IN THIS NON-HAZARDOUS WASTE STREAM OR CONCENTRATIONS OF THESE COMPOUNDS IN EXCESS OF THOSE INDICATED ABOVE. I FURTHER HEREBY CERTIFY UNDER PENALTY OF THE LAW THAT THE INFORMATION HEREIN IS COMPLETE AND FACTUAL. THE WASTE MATERIAL DESCRIBED IN NON-HAZARDOUS PER ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND IS EXACTLY THE SAME WASTE MATERIAL THAT WILL BE DELIVERED TO CMEG, INC. FOR TREATMENT AND I UNDERSTAND THAT MY WASTE WILL BE BULKED WITH OTHER NON-HAZARDOUS WASTE FOR DISPOSAL. I UNDERSTAND THAT CMEG, INC. IS A NON-HAZARDOUS WASTE PROCESSING FACILITY AND CAN ONLY RECEIVE NON-HAZARDOUS WASTE AND THAT THERE ARE SEVERE PENALTIES FOR SUBMITTING FALSE CERTIFICATIONS. I, THE CUSTOMER, AGREES TO REMOVE AND DISPOSE OF ANY REGULATED HAZARDOUS WASTE THAT IS DISCOVERED WITHIN THE CUSTOMER'S SHIPMENT."

SIGNATURE

PRINT NAME

TITLE

DATE

CMEG, INC.

Generator's Material Profile Sheet

ID #:

Approval #:

Page 1 of 2

ENV RES

GENERATOR: USEPA R4 ERRB US FINISHING SITE

EPA ID NO: SCD003358744

Address: 3335 BUNCOMBE ROAD

City: GREENVILLE State: SC County: GREENVILLE Zip: 29601

Contact: LEO FRANCENDESE Title: OSC Phone: 404-606-2223 Fax:

Broker: Clean Management Environmental Group, Inc. Salesman: Scott Bridgeman

Billing Address P O BOX 1606

CITY: WALTERBORO

STATE: SC

ZIP

29488

PHONE: 800-538-8131

FAX: 843-538-7845

WASTE CHARACTERIZATION

COMMON NAME OF MATERIAL: X PANDO #6

PROCESS OF WASTE GENERATION: EMERGENCY RESPONSE SITE CLEAN UP

SEE MSDS	100	%		%
		%		%
		%		%
		%		%
		%		%

SEE ANALYTICAL

Powdery Solid ☐Liquid ☒Debris ☐Solid ☐Sludge ☐

Describe:

Soils ☐Multi Level ☐Viscosity: Thin ☒Medium ☐ Thick ☐

Does the waste have an odor?

Yes

☒

No

☐

Free Liquid %:

100%

Describe:

MILD SOAP LIKE

Color: VARIES

1.05

lbs/gal

Flash Point:

>200

PH: 8-9

Ship every 30 days ☐45 days ☐60 days ☐90 days ☐180 days ☒360 days ☐1 Time ☒

Type/Size of Container:

5GA PAIL

Quantity on Hand:

2

TCLP METAL CERTIFICATION

BRL			BRL		
D004 ARSENIC	→	<5.00	D009 MERCURY	→	<0.20
D005 BARIUM	→	<100.00	D010 SELENIUM	→	<1.00
D006 CADMIUM	→	<1.00	D011 SILVER	→	<5.00
D007 CHROMIUM	→	<5.00	001D COPPER	→	<100.00
D008 LEAD	→	<5.00	003D ZINC	→	<500.00

STANDARD 8 AIR TOXICS LIST

Indicate below all of the following compounds that can reasonably be expected to be in this waste stream.

Please Indicate One:

totals X

MSDS:

Generator Knowledge:

CAS NO	PPM%	CAS NO	PPM%	CAS NO	PPM%
Acetaldehyde 75070	BRL	Cyanic Acid 420053	BRL	Nitric Acid 7697372	BRL
Acetamide 60355	BRL	Cyanide 57125	BRL	Nitroaniline(p-) 100016	BRL
Acetic Anhydride 108247	BRL	Cyanide Compounds *****	BRL	Nitrobenzene 98953	BRL
Acetonitrile 75058	BRL	Cyanoacetamide 107915	BRL	Nitrobiphenyl (4-) 92933	BRL
Acetophenone 98862	BRL	Cyanogen 460195	BRL	Nitrogen Mustard 51752	BRL
Acetylaminofluonne (2-) 53963	BRL	DDE 3547044	BRL	Nitroglycerin 55630	BRL
Acetylene Tetrachloride 79345	BRL	Diazomethane 334883	BRL	Nitrophenol (p-) 100027	BRL
Acrolein 107028	BRL	Dibenzefuran 132649	BRL	Nitropropane(1-) 108032	BRL
Acrylamide 79061	BRL	Dibrom-3-Chloropropane(1,2-β6128	BRL	Nitropropane(2-) 79469	BRL
Acrylic Acid 79107	BRL	Dibutylphthalate 84742	BRL	Nitrosodimethylamine 62759	BRL
Acrylonitrile 107131	BRL	Dichlorobenzene(p-) 106467	BRL	Nitrosomorpholine 59892	BRL
Aldicarb 116063	BRL	Dichlorobenzidine(3,3-) 91941	BRL	Nitrosomorpheno(p-) 104916	BRL
Allyl Chloride 107051	BRL	Dichloropropene(1,3-) 542756	BRL	Nitroso-N-Methylurea(N-) 684935	BRL
Aminodiphenyl (p-) 92671	BRL	Dichlorvos 62737	BRL	Nitrotoluene(p-) 99990	BRL
Ammonium Chloride 12125029	BRL	Diethanolamine 111422	BRL	Octachloronaphthalene 2234131	BRL
Aniline 62533	BRL	Diethyl Phthalate 84662	BRL	Octradecanoic Acid(n-) 57114	BRL
Anisidine (0-) 90040	BRL	Diethyl Sulfate 64675	BRL	Oxalic Acid 144627	BRL
Anisidine (p-) 104949	BRL	Diethylaniline(N,N-) 121697	BRL	Paraquat 1910425	BRL
Antimony Compounds *****	BRL	Diisodecyl Phthalate 2671400	BRL	Parathion 56382	BRL

MATERIAL SAFETY DATA SHEET

Page 1 Of 2

Complies with Hazard Communication Standard of the
Occupational Safety & Health Administration
As Specified in 29 CFR 1010.1200

PRODUCT NAME.....X-PANDO
EMERGENCY CONTACT.....800-424-9300 (CHEMTREC)
MANUFACTURER OR Vendor.....STEVENS COMPANY
P. O. Box 23312
Toledo, Ohio 43623
CHEMICAL NAME.....FOAMING AGENT
CHEMICAL FAMILY.....SORFACTANT SOLUTION
FORMULA.....NOT APPLICABLE: MIXTURE

Section 2 - Contents

Chemical Abstract Service Numbers: When CAS Number of a compound is unknown the CAS numbers of its reactants are shown; or inclusion in the Toxic Substance Control Act Inventory is noted; or its certification as a Drug and Chemical Color by FDA is noted. Occupational Safety and Health Administration Permissible Exposure Limits and American Council of Governmental Industrial Hygienists Threshold Limit Values are shown in parts per million (pt), milligrams per cubic meter (mg), or as NoAdv = No Adopted Value. If listed as a carcinogen or potential carcinogen by International Agency for Research on Cancer or by the National Toxicology Program, or if regulated as a carcinogen by OSHA such listing or regulation is indicated under "listed regltd".

<u>RAW MATERIAL</u>	<u>% By Weight</u>	<u>CAS Number(s)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>LISTED REGLTD</u>
Water		7732-18-5	NoAdv	NoAdv	No
Anionic Surfactant		25155-30-0	NoAdv	NoAdv	No

This product is not classified as a hazardous substance by DOT criteria.

This product is not regulated as a hazardous waste by EPA criteria.

The following components, if any, are subject to the reporting requirements of Section 313 of Title III and 40 CFR 372.

None

Section 3 - Physical Data

At temperature of 70F/21C unless specified. ND=Not Determined Volatile; Having vapor pressure higher than water; except odorants, if any.

BOILING POINT, F.....215F
VAPOR PRESSURE, mm Hg...20 @ 68F
VAPOR DENSITY, air=1....<1
SOLUBLE WATER, %.....100
SPECIFIC GRAVITY.....1.05

VOLATILE, % of Volume....0
EVAPORATION RATE, water=1...<1
pH, AS IS.....8.0-9.0
COLOR & STATE.....amber liquid
ODOR.....mild soap-like

STEVENS FIRE CHEMICALS
PO BOX 23312, TOLEDO, OH 43623
PH:419.536.0222 FX:419.531.6302
E-mail stevens_company@msn.com

X-PANDO

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Section 4 - Fire & Explosion Hazard Data

FLASH POINT & METHOD.....NONE
FLAMMABLE LIMITS.....NOT APPLICABLE
EXTINGUISHING MEDIA.....NOT APPLICABLE
SPECIAL FIRE
FIGHTING PROCEDURES.....NOT APPLICABLE
UNUSUAL FIRE &
EXPLOSION HAZARDS.....NOT APPLICABLE

Section 5 - Health Hazard Data

THRESHOLD LIMIT.....See Section 2.
OVEREXPOSURE EFFECTS....Skin: Defatting with repeated contact.
Eyes: Irritant. May cause redness or swelling of
the conjunctiva.
INGESTION.....May be irritating to the gastrointestinal system.
vomiting and diarrhea may be expected with large
doses.
INHALATION.....Not Applicable.
FIRST AID PROCEDURES: Skin: Flush with water. Seek medical attention if
irritation continues.
Eyes: Flush with water. Seek medical attention if
irritation occurs.
Ingestion: Dilute with two glasses of water. Seek
medical attention if symptoms persist.
Inhalation: Not applicable.

Section 6 - Reactivity Data

STABILITY.....Stable.
CONDITIONS TO AVOID.....None known.
INCOMPATIBILITY.....None known.
HAZARDOUS DECOMPOSITION PRODUCTS....None Known.
HAZARDOUS POLYMERIZATION.....Will not occur.

Section 7 - Spill or Leak Procedures

IF SPILLED OR RELEASED.....Mop up or otherwise absorb and hold for disposal.
WASTE DISPOSAL METHOD.....Any method in accordance with applicable regula-
tions.

Section 8 - Special Protection Information

RESPIRATORY PROTECTION.....No special requirements.
VENTILATION.....No special requirements.
PROTECTIVE GLOVES.....Waterproof gloves are recommended.
EYE PROTECTION.....Safety glasses are recommended.
OTHER EQUIPMENT.....Not applicable.

Section 9 - Special Precautions

HANDLING & STORAGE.....Keep out of reach of children. For use by trained
personnel only. Keep container closed during storage.
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

CMEG PROFILE SHEET

COMPANY NAME:

USEPA R4 US FINISHING

PROFILE #:

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CAS NO.	PPM%	CAS NO.	PPM%	CAS NO.	PPM%
Arsenic	7440382	BRL Dimethoxybenzidine(3,3-)	119904	BRL Pentachloronitrobenzene	82688
Arsenic Pentoxide	1303282	BRL Dimethyl Benzidine(3,3'-)	119937	BRL Pentachlorophenol	87865
Benzene	71432	BRL Dimethyl Caramoyl Chloride	79447	BRL Perchloroethylene	127184
Benzidine	92875	BRL Dimethyl Formamide	68122	BRL Phenol	108952
Benzotrichloride	98077	BRL Dimethyl Hydrazine(1,1-)	57147	BRL Phenylenediamine(p-)	106503
Benzyl Chloride	100447	BRL Dimethyl Hydrazine(1,2-)	540738	BRL Phenylhydrazine	100630
Beryllium	7440417	BRL Dimethyl Phthalate	131113	BRL Phosgene Carbonyl Chloride	75445
Beryllium Oxide	1304569	BRL Dimethyl Sulfate	77781	BRL Phosphine	7803512
Beryllium Sulfate	13510491	BRL Dimethylaminoazobenze(4-)	60117	BRL Phosphoric Acid	7664382
Belphenyl	92524	BRL Dinitrobenzene(m-)	99650	BRL Phosphorus	7723140
Bis (Chloroemethyl) Ether	542881	BRL Dinitrophenol(2,4-)	51285	BRL Phthalic Anhydride	85449
Bis-(2-ethylhexyl)phthalate	117817	BRL Dinitrotoluene(2,4-)	121142	BRL Picric Acid	88891
Bromoform	75252	BRL Dinitro-o-cresol(4,6-) and salts	534521	BRL Polychlorinated Diphenyl's	
Butadiene(1,3-)	106990	BRL Dioctyl Phthalate	117840	BRL (PCB) Multiple Compounds	****
Butanethiol	19795	BRL Dioxane	123911	BRL Polycyclic Organic Matter	****
Butylamine(n-)	109739	BRL Diphenylhydrazine(1,2-)	122667	BRL Propane Sultone(1,3-)	1120714
Cadmium	7440439	BRL D (2,4-), salts and esters	94757	BRL Propiolactone(b-)	57578
Cadmium Oxide	1306190	BRL Epichlorohydrin	106898	BRL Propoxur	114261
Cadmium Sulfate	10124364	BRL Epoxybutane(1,2-)	106887	BRL Sulfuric Acid	7664939
Calcium Cyanamide	156627	BRL Ethanethiol	75081	BRL Tetrachlorinated Dibenzo-p-	4746016
Caprolactam, dust	105602	BRL Ethanolamine	141435	BRL Tetrachloroethane(1,1,2,2-)	79345
Caprolactam, vapor	105602	BRL Ethyl Acrylate	140885	BRL Tetrachlorethylene	127184
Captan	133062	BRL Ethyl Benzene	100414	BRL Titanium Tetrachloride	7550450
Carbaryl	63252	BRL Ethyl Chloride	75003	BRL Toluene	108883
Carbon Disulfide	75150	BRL Ethylene Dibromide	16934	BRL Toluene Diisocyanate	584840
Carbon Tetrachloride	56235	BRL Ethylene Dichloride	107062	BRL Toluenediamine(2,4-)	95807
Carbonyl Sulfide	463581	BRL Ethylene Glycol	107211	BRL Toluene-2, 4-diisocyanate	584849
Catechol	120809	BRL Ethylene Oxide	75218	BRL Toluidine(o-)	95534
Chloramben	133904	BRL Ethylene Thiourea	96457	BRL Toxaphene	8001352
Chlordane	57749	BRL Ethylenimine	151564	BRL Trichlorobenzene(1,2,4-)	120821
Chlorine	7782505	BRL Ethylidene Dichloride	75343	BRL Trichloroethane(1,1,2-)	79005
Chloroacetic Acid	79118	BRL Formaldehyde	50000	BRL Trichloroethylene	79016
Chloracetophenone(2-)	532274	BRL Formamide	75127	BRL Trichlorophenol(2,4,5-)	95954
Chlorobenzene	108907	BRL Formic Acid	64186	BRL Trichlorophenol(2,4,6-)	88062
Chloro Based on:	510156	BRL Furfural	98011	BRL Triethylamine	121448
Chloroform	67663	BRL Furfuryl Alcohol	98000	BRL Trifluralin	15802098
Chlormethyl Methyl Ether	107302	BRL Glycidaldehyde	765344	BRL Trimethylpentane(2,2,4-)	540841
Chloronitrobenzene(p-)	100005	BRL Glycol Ethers	****	BRL Urethane Carbamic Acid Eth	51796
Chloroprene	126998	BRL Heptachlor	76448	BRL Vinyl Acetate	108054
Chromium(6+) Compounds	*****	BRL Hexachlorobenzene	118741	BRL Vinyl Bromide	593602
Cobalt Compounds	*****	BRL Hexachlorobutadiene	87683	BRL Vinyl Chloride	75014
Coke Oven Emissions	*****	BRL Hexachlorocyclohexane		BRL Vinyl Fluoride	75025
Cresol	1319773	BRL (multiple isomers)	608731	BRL Vinylidene Chloride	75354
Cresols/cresylic acid		BRL Naphthalene	91203	BRL Xylene	1330207
and mixture	1319773	BRL Naphthylamine(a-)	134327	BRL Xylene(m-)	108383
Cresol(m-)	108394	BRL Naphthylamine(b-)	91598	BRL Xylene(o-)	95476
Cresol(o-)	95487	BRL Nickel	7440020	BRL Xylene(p-)	106423
Cresol(p-)	106445	BRL Nickel Carbonyl	1.3E+07	BRL Xylidine	1300738
Cumene	98828	BRL Nickel Oxide	1313991	BRL Lead	****
Cyanamide	420042	BRL Nickel Sulfate	7786814	BRL	

"I CERTIFY BASED UPON MY KNOWLEDGE OF THE WASTE AND GENERATING PROCESS, THAT ALL OTHER TCLP CONSTITUENTS (SEE PAGE 1) ARE BELOW REGULATORY LEVELS, AND TO THE BEST OF MY GENERATOR KNOWLEDGE, ANALYTICAL TESTING, MSDS SHEETS, AND/OR OTHER METHODS OF DETERMINATION; THERE ARE NO OTHER COMPOUNDS LISTED ABOVE THAT CAN REASONABLE BE EXPECTED TO BE IN THIS NON-HAZARDOUS WASTE STREAM OR CONCENTRATIONS OF THESE COMPOUNDS IN EXCESS OF THOSE INDICATED ABOVE. I FURTHER HEREBY CERTIFY UNDER PENALTY OF THE LAW THAT THE INFORMATION HEREIN IS COMPLETE AND FACTUAL. THE WASTE MATERIAL DESCRIBED IN NON-HAZARDOUS PER ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND IS EXACTLY THE SAME WASTE MATERIAL THAT WILL BE DELIVERED TO CMEG, INC. FOR TREATMENT AND I UNDERSTAND THAT MY WASTE WILL BE BULKED WITH OTHER NON-HAZARDOUS WASTE FOR DISPOSAL. I UNDERSTAND THAT CMEG, INC. IS A NON-HAZARDOUS WASTE PROCESSING FACILITY AND CAN ONLY RECEIVE NON-HAZARDOUS WASTE AND THAT THERE ARE SEVERE PENALTIES FOR SUBMITTING FALSE CERTIFICATIONS. I, THE CUSTOMER, AGREES TO REMOVE AND DISPOSE OF ANY REGULATED HAZARDOUS WASTE THAT IS DISCOVERED WITHIN THE CUSTOMER'S SHIPMENT."

SIGNATURE

PRINT NAME

TITLE

DATE