UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
Science and Ecosystem Support Division
Enforcement and Investigations Branch
980 College Station Road
Athens, Georgia 30605-2720

4SESD-EIB January 31, 2011

MEMORANDUM

SUBJECT: SESD Final Field Investigation Report for
Hercules Inc., Hattiesburg, Mississippi
EPA ID No. MSD 008 182 081; SESD Project No. 10-0629

FROM: Sharon Matthews, PG SEM 1/31/11
Enforcement Section

THRU: Laura Ackerman, Chief LCA
Enforcement Section

TO: Larry Lamberth, Chief
South Enforcement and Compliance Section
RCRA & OPA Enforcement and Compliance Branch
RCRA Division

Attached is the final Field Investigation Report for the sampling conducted at Hercules Inc. in Hattiesburg, Mississippi on September 28-29, 2010. If you have any questions, please contact me at matthews.sharon@epa.gov. or at (706) 355-8608.

Attachment

Randy Jackson, RCRA w/attachment
Willie McKercher, MDEQ w/attachment
Jan Patton, MDEQ w/ attachment

United States Environmental Protection Agency
Region 4
Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

Field Investigation Report
Hercules Inc.
Hattiesburg, Mississippi

Date of Final Report: January 31, 2011
SESD Project Identification Number: 10-0629

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Title and Approval Sheet

Title: Hercules Inc.
Field Investigation Report

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Date

FIELD INVESTIGATION REPORT
Hercules Inc., Hattiesburg, Mississippi
SESD Project Identification Number: 10-0629

I. INTRODUCTION

On September 28-29, 2010, representatives of the Science and Ecosystem Support Division (SESD) conducted a sampling investigation at the Hercules Inc. facility in Hattiesburg, Mississippi. This field investigation was requested by the EPA South Enforcement & Compliance Section, RCRA Division and the Mississippi Department of Environmental Quality (MDEQ) as part of the EPA Surface Impoundment Initiative.

In April 2008, Hercules Inc. informed the MDEQ that an onsite impoundment basin was to be closed. MDEQ requested additional information on closure operations including a request for Hercules to characterize the sludge. After three sampling events, the results indicated some areas of the sludge exhibited hazardous characteristics for benzene. A notice of violation (NOV) was issued in November 2008 to the facility.

MDEQ contacted the EPA to see if they would conduct sampling and analysis of the sludge disposal area from prior surface impoundment clean-outs to determine if illegal disposal had occurred. The sludge disposal area is located on the 'back forty" of the facility's 170 acres, and spans an area of 6 to 7 acres.

Personnel that participated in the investigation included:

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II. SUMMARY

SESD collected a total of thirteen subsurface waste samples, twelve from the "back forty" area and one from the "wetlands" area. Samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals and TCLP. MDEQ and EPA requested the analytical data be compared to residential levels for soil given in the Tier 1 Target Remediation Goals (TRGs) and the most recent USEPA Regional Screening levels (RSLs).

Eighteen volatile organic compounds were detected in the thirteen samples. Benzene failed the TCLP regulatory limit of 0.5 mg/L in six of the samples and was detected in ten samples. Toluene and p-isopropyltoluene were detected in all thirteen samples. Methylcyclohexane and 1, 2, 4-trimethylbenzene were detected in eleven samples and. Cyclohexane was detected in nine samples and ethyl benzene was detected in eight samples. The remainder of the VOCs were detected in six or less of the samples.

Forty SVOCs were detected in the thirteen samples. None of the SVOCs failed TCLP for the thirteen samples. The compound 1, 1-biphenyl was detected in twelve of the thirteen samples and petroleum product was detected in eleven of the samples. Phenol, hexahydro-tetramethylmethanonaphthalene (TIC) and dimethylisopropylphenanthrene (TIC) were detected in ten of the samples. Nine samples contained camphene, 2-methylnaphthalene, and naphthalene. Eight of the samples contained diphenyl ether (TIC), (3-and/or 4) methylphenol, methyl (methylethyl) benzene (TIC), methyl (methylethyl)cyclohexane (TIC), and trimethyl-bicycloheptane (TIC). Seven of the samples contained 2-methylphenol, fluoranthene and pinene (TIC). The remainder of the SVOCs were detected in six or less of the samples.

Twenty-two metals were detected in the thirteen samples with seventeen detected in all of the samples. Arsenic was detected in samples HERC04-B, HERC05-A, HERC10-B and HERC13-B at levels that exceeded both the MDEQ and EPA regulatory levels with values ranging from 5.0 to 6.4 mg/kg. None of the samples exceeded the MDEQ and EPA regulatory levels for Chromium III; however, all of the samples exceeded the EPA regulatory level of 0.29 mg/kg for Chromium VI. Vanadium was detected in samples HERC03-B, HERC04-B, HERC05-A, HERC08, HERC09-B, HERC10-B, HERC11-B, HERC12-B and HERC13-B at levels that exceeded the EPA regulatory level of 5.5 mg/kg with values ranging from 5.6 to 18 mg/kg. No other metal concentrations exceeded the MDEQ and EPA regulatory levels. None of the metals failed TCLP for the thirteen samples.

III. SITE BACKGROUND

The facility is located at 613 West Seventh Street in Hattiesburg, Mississippi (Figure 1). Facility operations, which began in 1923, included wood grinding, shredding extraction, fractionation, refining, distillation and processing of rosin from pine tree stumps. Some of the products that were manufactured included modified resins, polyamides, ketene dimmer, crude tall oil wax emulsions, synthetic rubber and the agricultural pesticide Delnav. Hercules also manufactured specialty organic chemicals for use in paper products. Over 250 products were produced at the facility. Hercules downsized the Hattiesburg operations and has now ceased operations.

A state preliminary assessment was completed in December 1989 and indicated two source areas which included about 38 acres of contaminated soil and almost 900,000 cubic feet of surface impoundments. The contaminated soil contained cadmium, cobalt, lead, mercury, toluene, MEK, benzene, PCBs and acetone. Contaminants present in the surface impoundments included arsenic, heavy metals, toluene, MEK and benzene.

In April 2008 the facility sent a letter to MDEQ to close an onsite impoundment basin. MDEQ requested additional information on closure operations including a request for Hercules to characterize the sludge. After three sampling events, the results indicated some areas of the

sludge exhibited hazardous characteristics for benzene. A notice of violation (NOV) was issued November 2008. Prior surface impoundment clean-outs had been taken to a landfill disposal area located on the 'back forty" of the facility's 170 acres, spanning an area of 6 to 7 acres. According to information from MDEQ, the "back forty" had been used to dispose of process wastes, boiler ash and waste treatment sludge from plant activities. A compliance evaluation inspection conducted by MDEQ in March 2009 resulted in several violations involving the surface impoundment and closure/post-closure procedures. MDEQ then requested EPA's assistance in sampling and testing the sludge disposal area to determine if illegal disposal had occurred.

IV. DISSCUSSION OF FIELD ACTIVITIES

SESD personnel arrived at the site Tuesday, September 28, 2010 at around 7:45 am and met with EPA-Atlanta, MDEQ and facility personnel to assess the proposed sampling areas. Using an authoritative sampling design, sampling locations were determined in the field by MDEQ and EPA personnel based on access and prior knowledge of the site. Twelve borings were completed using Geoprobe direct-push technology or hand auger in the 'back forty" disposal area. Total depth of the sludge had been estimated to be around 14 to 16 feet below land surface but was actually closer to 5 to 8 feet in depth. Two samples had been proposed from the wetlands, but only one could be collected due to the high quantity of vegetative material/roots. Two samples had been proposed from the impoundment outfall, but those sample locations were deleted and added to the samples to be collected from the "back forty". Samples from the sludge disposal area were collected based on visual observations and screening results obtained with the Thermo Toxic Vapor Analyzer (TVA) 1000B. All samples were analyzed for VOCs, SVOCs, metals and TCLP. Table 1 gives information on the waste samples. Sampling locations are shown on Figures 3, 4 and 5. Photographs taken during the investigation are included in Appendix A.

Waste Samples

Under the direction of EPA-Atlanta and MDEQ personnel, sample **HERC01-A** was collected from the "back forty" using Geoprobe direct-push equipment to a depth of 0 to 4 feet below land surface (BLS). The core was screened with a Thermo Toxic Vapor Analyzer (TVA) 1000B. The sample was described as a black organic rich material with a strong odor of pine. The waste sample core was placed in a glass pan and using a stainless steel spoon, three 8-ounce glass containers were filled for the VOC, SVOC and total metals analyses. The VOC sample was collected first, and then the remainder of the sample was homogenized in the glass pan. The facility elected to split with EPA for all samples and supplied one 4-ounce amber glass container for VOCs, one 16-ounce glass container for SVOCs and one 8-ounce plastic container for metals.

For sample **HERC02-B,** a stainless steel hand auger was used to auger to 5 feet BLS. The waste sample was collected from 3.5 to 5 feet BLS and was described as a tan to black sticky material. EPA and facility containers were filled for the VOC, SVOC and total metals analyses using the same procedure described above.

Sample **HERC03-B** was also collected with a stainless steel hand auger from some of the oldest part of the "back forty" sludge disposal area. The waste sample was collected from 4 to 5 feet BLS and was described as a black organic material with a strong odor, sandier at depth. Native material of sand and gravel was noted at about 6 feet BLS. EPA and facility containers were filled for the same analyses using the same procedure described above.

Sample **HERC04-B** was collected with a stainless steel hand auger from the older part of the "back forty" sludge disposal area. The waste sample was collected from 6 to 7 feet BLS and was described as a black organic material with some odor. EPA and facility containers were filled for the same analyses using the same procedure described previously.

Sample **HERC05-A** was collected with a stainless steel hand auger from the older part of the "back forty" sludge disposal area. The waste sample was collected from 5.5 to 6.5 feet BLS and was described as a dark organic sludge with a strong odor. EPA and facility containers were filled for the same analyses using the same procedure described before.

Sample **HERC06-B** was collected with a stainless steel hand auger from 4.5 to 5.5 feet BLS and was described as a dark gray to black sludge with a strong odor, drier material at the surface that became moister and sandier with depth. The sand that was encountered at 5.5 to 6 feet BLS is the sand layer that sits on top of the Hattiesburg clay in this area, indicating native material. EPA and facility containers were filled for the same analyses using the same procedure described previously.

Sample **HERC07-B** was collected with a stainless steel hand auger from 5.5 to 6 feet BLS and was described as a drier dark organic material which became moister with depth. EPA and facility containers were filled for the same analyses using the same procedure described before.

Sample **HERC08** was collected with a stainless steel scoop from the "wetlands" area from a depth of about 3 to 4 inches. The material was mostly cat-tails and detritus with some stratified sludgy material with no odor. Two samples had been proposed from the wetlands, one around the influent and one from the effluent, but only the influent sample could be collected due to the high amount of vegetative material/roots around the effluent area. EPA and facility containers were filled for the same analyses using the same procedure described previously.

Sample **HERC09-B** was collected from the "back forty" using Geoprobe direct-push equipment. The first core was 0 to 4 feet BLS and was a black organic material. The second core was collected from 4 to 8 feet BLS and was black sludge for the first foot, then native sand. Because the core was compacting inside the core barrel, it was decided to hand auger this and subsequent samples to collect enough material to fill all the EPA and facility sample containers. The sample was collected from 5 to 6 feet BLS and described as a black sludge material. EPA and facility containers were filled for the same analyses using the same procedure described before.

Sample **HERC10-B** was collected with a stainless steel hand auger from 5 to 6 feet BLS. Native sand was encountered at 6 feet BLS. The black sludge sample was collected above the sand and some odor was noted during sampling. EPA and facility containers were filled for the same analyses using the same procedure described previously.

Sample **HERC11-B** was collected with a stainless steel hand auger from 5 to 6 feet BLS. Native sand was encountered at 6 feet BLS. The sample was collected above the sand and was described as a black organic sludge with some odor. EPA and facility containers were filled for the same analyses using the same procedure described before.

Sample **HERC12-B** was collected with a stainless steel hand auger from 4.5 to 5.5 feet BLS. Native sand was encountered at 5.5 feet BLS. The sample was collected above the sand and was described as a black sludge with some odor. EPA and facility containers were filled for the same analyses using the same procedure described previously.

Sample **HERC13-B** was collected with a stainless steel hand auger from 4.5 to 5.5 feet BLS. Native sand was encountered at 5.5 feet BLS. The sample was collected above the sand and was described as a black sludge material with a strong odor and an oily sheen. EPA and facility containers were filled for the same analyses using the same procedure described before.

V. RESULTS OF ANALYSES

Samples were analyzed for VOCs by SW-846 Methods 8260C, for SVOCs by SW-846 Method 8270D and for total metals by SW-846 Method 6010. Analytical results for the VOC-detected analytes in the waste samples are given in Table 2 and the TCLP results are given in Table 3. The MDEQ Tier 1 TRG and EPA Regional Screening Levels (RSLs) for VOCs in residential soils are listed in Table 4. Results for the SVOC-detected analytes are given in Table 5. Because no compounds failed TCLP for SVOCs, there is no TCLP table. The MDEQ Tier 1 TRG and EPA RSLs for SVOCs in residential soils are listed in Table 6. Analytical results for total metals are given in Table 7 and the MDEQ Tier 1 TRG and EPA RSLs for metals are given in Table 8. Because no compounds failed TCLP for metals, there is no TCLP table. The complete set of results generated by the SESD laboratory is included as Appendix B. The following analytes were detected in samples collected at the facility:

Volatile Organic Compounds- (Tables 2, 3 and 4)

Eighteen volatile compounds were detected in the thirteen samples **(Table 2)**. Toluene and p-isopropyltoluene were detected in all thirteen samples. Methylcyclohexane and 1,2,4-trimethylbenzene were detected in eleven samples and benzene was detected in ten samples. Cyclohexane was detected in nine samples and ethyl benzene was detected in eight samples. The remaining VOCs were detected in six or less of the samples. Benzene failed the TCLP regulatory limit of 0.5 mg/L in six of the samples **(Table 3)**. Analytical data was compared to the MDEQ and EPA regulatory levels referenced in **Table 4.** Exceedences are listed below:

<u>HERC01-A</u> - *Analytes exceeding the reference standard or level*: benzene (18 mg/kg), toluene (7100 mg/kg)

HERC02-B - *Analytes exceeding the reference standard or level*: benzene (37 mg/kg), ethyl benzene (6.5 J, O mg/kg), toluene (16000 mg/kg)

HERC03-B - *Analytes exceeding the reference standard or level*: benzene (3.4 mg/kg)

HERC04-B - *Analytes exceeding the reference standard or level*: benzene (19 mg/kg), toluene (3000 mg/kg)

HERC05-A - *Analytes exceeding the reference standard or level*: benzene (14 mg/kg), toluene (5300 mg/kg)

HERC06-B - *Analytes exceeding the reference standard or level*: toluene (280 mg/kg)

HERC07-B - *Analytes exceeding the reference standard or level*: toluene (1400 mg/kg)

HERC08 - *Analytes exceeding the reference standard or level*: none

HERC09-B - *Analytes exceeding the reference standard or level*: benzene (170 mg/kg), toluene (1100 mg/kg)

HERC10-B - *Analytes exceeding the reference standard or level*: benzene (140 mg/kg), toluene (3100 mg/kg)

HERC11-B - *Analytes exceeding the reference standard or level*: benzene (77 mg/kg), toluene (2600 mg/kg)

HERC12-B - *Analytes exceeding the reference standard or level*: benzene (440 mg/kg), isopropylbenzene (47 mg/kg), toluene (160 mg/kg)

HERC13-B - *Analytes exceeding the reference standard or level*: benzene (390 mg/kg), toluene (3400 mg/kg)

Semi Volatile Organic Compounds (Tables 5 and 6)

Forty SVOCs were detected in the thirteen samples **(Table 5)**. The compound 1,1-biphenyl was detected in twelve of the thirteen samples and petroleum product was detected in eleven of the samples. Phenol, dimethylisopropylphenanthrene (TIC), and hexahydro-tetramethylmethanonaphthalene (TIC) were detected in ten of the samples. Nine samples contained 2-methylnaphthalene, camphene and naphthalene. Eight of the samples contained diphenyl ether (TIC), (3-and/or 4) methylphenol, methyl(methylethyl)benzene (TIC), methyl(methylethyl)cyclohexane (TIC), and trimethylbicycloheptane (TIC). Seven of the samples contained 2-methylphenol, fluoranthene and pinene (TIC). The remainder of the SVOCs were detected in six or less of the samples. None of the SVOCs failed TCLP for the thirteen samples. Analytical data was compared to the MDEQ and EPA regulatory levels referenced in **Table 6.** Exceedences are listed below:

HERC01-A - *Analytes exceeding the reference standard or level*: naphthalene (6.2 mg/kg)

HERC02-B - *Analytes exceeding the reference standard or level*: 1,1-biphenyl (3900 mg/kg), naphthalene (8.8 mg/kg)

HERC03-B - *Analytes exceeding the reference standard or level*: none

HERC04-B - *Analytes exceeding the reference standard or level*: naphthalene (7.8 mg/kg)

HERC05-A - *Analytes exceeding the reference standard or level*: naphthalene (8.7 mg/kg)

HERC06-B - *Analytes exceeding the reference standard or level*: none

HERC07-B - *Analytes exceeding the reference standard or level*: none

HERC08 - *Analytes exceeding the reference standard or level*: none

HERC09-B - *Analytes exceeding the reference standard or level*: none

HERC10-B - *Analytes exceeding the reference standard or level*: naphthalene (6.7 mg/kg)

HERC11-B - *Analytes exceeding the reference standard or level*: none

HERC12-B - *Analytes exceeding the reference standard or level*: naphthalene (3.9 mg/kg)

HERC13-B - *Analytes exceeding the reference standard or level*: naphthalene (5.2 mg/kg)

Metals (Tables 7 and 8)

Twenty-two metals were detected in the thirteen samples **(Table 7)**. Seventeen of the metals were detected in all of the samples. Arsenic was detected in samples HERC04-B, HERC05-A, HERC10B and HERC13-B at levels that exceeded both the MDEQ and EPA regulatory levels with values ranging from 5.0 to 6.4 mg/kg. None of the samples exceeded the MDEQ and EPA regulatory levels for Chromium III; however, all of the samples exceeded the EPA regulatory level of 0.29 mg/kg for Chromium VI with values ranging from 7.7 to 45 mg/kg. Vanadium was detected in samples HERC03-B, HERC04-B, HERC05-A, HERC08, HERC09-B, HERC10-B, HERC11-B, HERC12-B and HERC13-B at levels that exceeded the EPA regulatory level of 5.5 mg/kg with values ranging from 5.6 to 18 mg/kg. No other metal concentrations exceeded the MDEQ and EPA regulatory levels. None of the metals failed TCLP for the thirteen samples. Analytical data was compared to the MDEQ and EPA regulatory levels referenced in **Table 8.** Exceedences are listed below:

HERC01-A - *Analytes exceeding the reference standard or level*: chromium VI (24 mg/kg)

HERC02-B - *Analytes exceeding the reference standard or level*: chromium VI (11 mg/kg)

HERC03-B - *Analytes exceeding the reference standard or level*: chromium VI (7.7mg/kg), vanadium (8.7 mg/kg)

HERC04-B - *Analytes exceeding the reference standard or level*: arsenic (6.4 mg/kg), chromium VI (29 mg/kg), vanadium (5.6 mg/kg)

HERC05-A - *Analytes exceeding the reference standard or level*: arsenic (5.6 mg/kg), chromium VI (45 mg/kg), vanadium (6.6 mg/kg)

HERC06-B - *Analytes exceeding the reference standard or level*: chromium VI (20 J,O mg/kg)

HERC07-B - *Analytes exceeding the reference standard or level*: chromium VI (32 mg/kg)

HERC08 - *Analytes exceeding the reference standard or level*: chromium VI (20 mg/kg), vanadium (18 mg/kg)

HERC09-B - *Analytes exceeding the reference standard or level*: chromium VI (20 mg/kg), vanadium (5.9 mg/kg)

HERC10-B - *Analytes exceeding the reference standard or level*: arsenic (5.0 mg/kg), chromium VI (26 mg/kg), vanadium (7.6 mg/kg)

HERC11-B - *Analytes exceeding the reference standard or level*: chromium VI (25 mg/kg), vanadium (7.2 mg/kg)

HERC12-B - *Analytes exceeding the reference standard or level*: chromium VI (18 mg/kg), vanadium (7.5 mg/kg)

HERC13-B - *Analytes exceeding the reference standard or level*: arsenic (5.6 mg/kg), chromium VI (36 mg/kg), vanadium (9.0 mg/kg)

VI. RESULTS OF FIELD QUALITY CONTROL SAMPLES

Field quality control samples for this investigation consisted of equipment rinse blanks collected from the liners used for the Geoprobe cores. No VOCs, SVOCs or metals were detected in the blanks. No metals were detected in the blank of the preservative used for the equipment rinse blank for metals analysis.

VII. METHODOLOGY

Field activities were conducted in accordance with the Region 4 SESD *Field Branches Quality System and Technical Procedures.* Specific field procedures applicable to this investigation included the following:

Soil Sampling, SESDPROC-300-R1
Waste Sampling SESDPROC-302-R1

Sediment Sampling, SESDPROC-200-R2
SESD Operating Procedure for Sample and Evidence Management, SESDPROC-005-R1
Global Positioning System, SESDPROC-110-R2
Management of Investigation Derived Waste, SESDPROC-202-R1
Field Equipment Cleaning and Decontamination, SESDPROC-205-R1
Packing, Marking, Labeling and Shipping of Environmental & Waste Samples, SESDPROC-209-R1

Field quality control measures were in accordance with the *SESD Operating Procedure for Field Sampling Quality Control,* SESDPROC-011-R2, and *40 CFR Part 136, Table II-Required Containers, Preservations Techniques, and Holding Times*, Revised as of July 1, 2007. All field measurement instruments and equipment were maintained in accordance with the *SESD Operating Procedure for Equipment Inventory and Management,* SESDPROC-108-R3.

Samples were analyzed at the SESD laboratory in accordance with the *SESD Analytical Support Branch Laboratory Operations and Quality Assurance Manual*, January 2010. The laboratory is accredited by the national Environmental Laboratory Accreditation Program (NELAP).

REFERENCES

Personnel communication: Kevin Koporec to Sharon Matthews regarding RSLs, 1/19/11

"Site Inspection" for Hercules Inc. prepared by B&V Waste Science and Technology Corp. for the US EPA Region 4. April, 1993.

USEPA Regional Screening Levels (11/10)

Mississippi Department of Environmental Quality Tier 1 TRG Table (2/28/02)

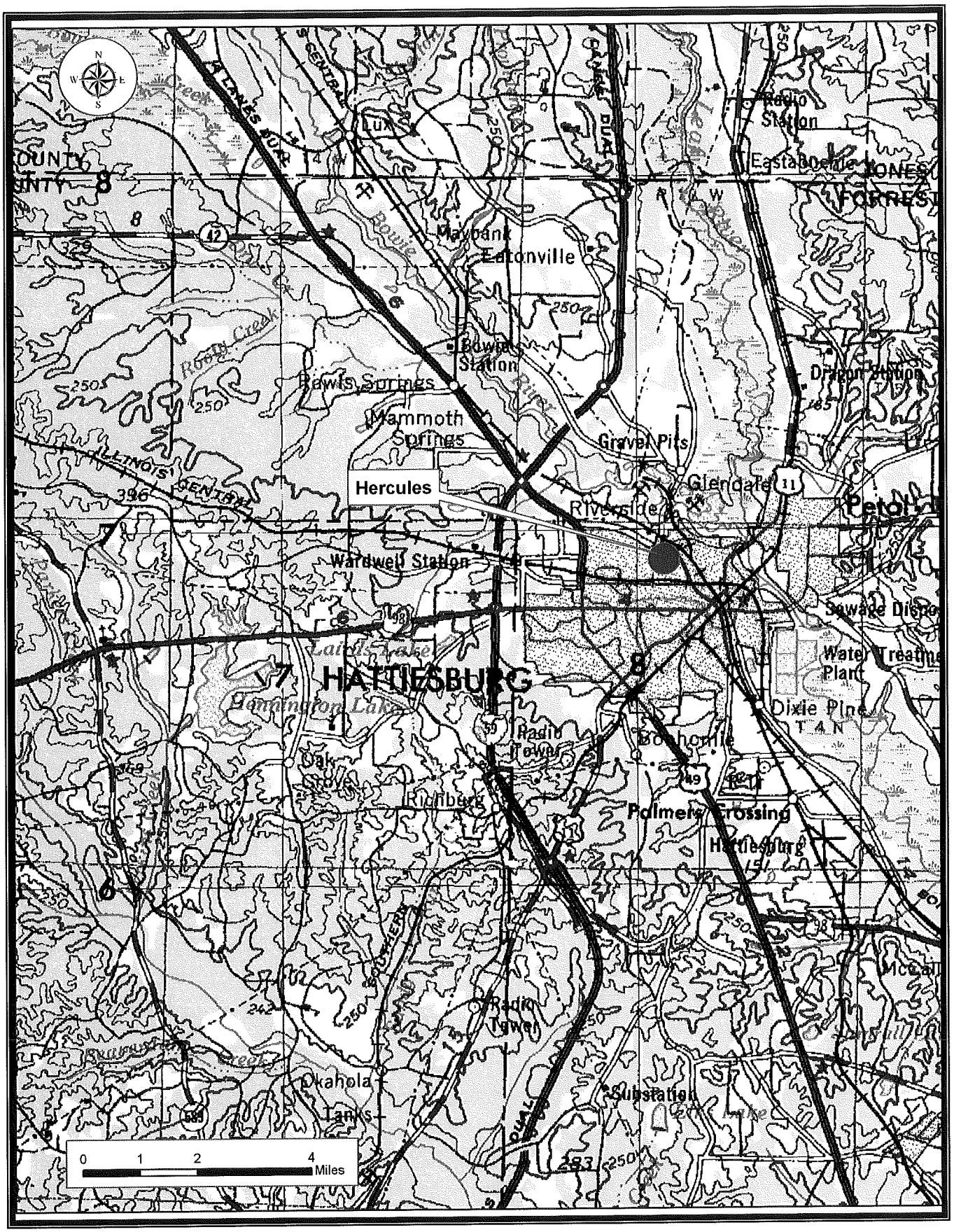


FIGURE 1 – FACILITY LOCATION MAP
HERCULES, INC.
HATTIESBURG, MISSISSIPPI

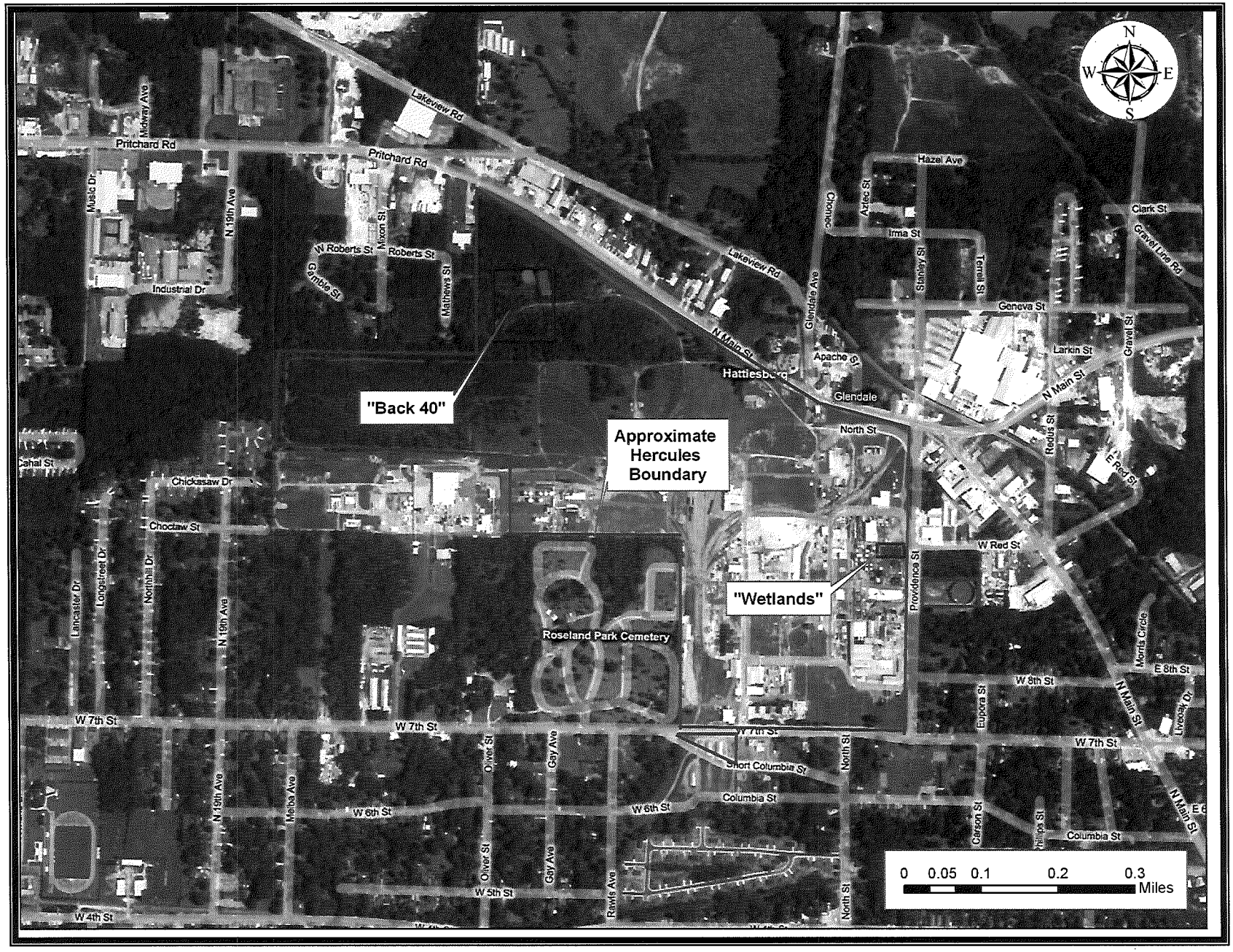


FIGURE 2 –SITE LOCATION MAP
HERCULES, INC., HATTIESBURG, MISSISSIPPI

FIGURE 3 – SAMPLE LOCATIONS
HERCULES, INC., HATTIESBURG, MISSISSIPPI

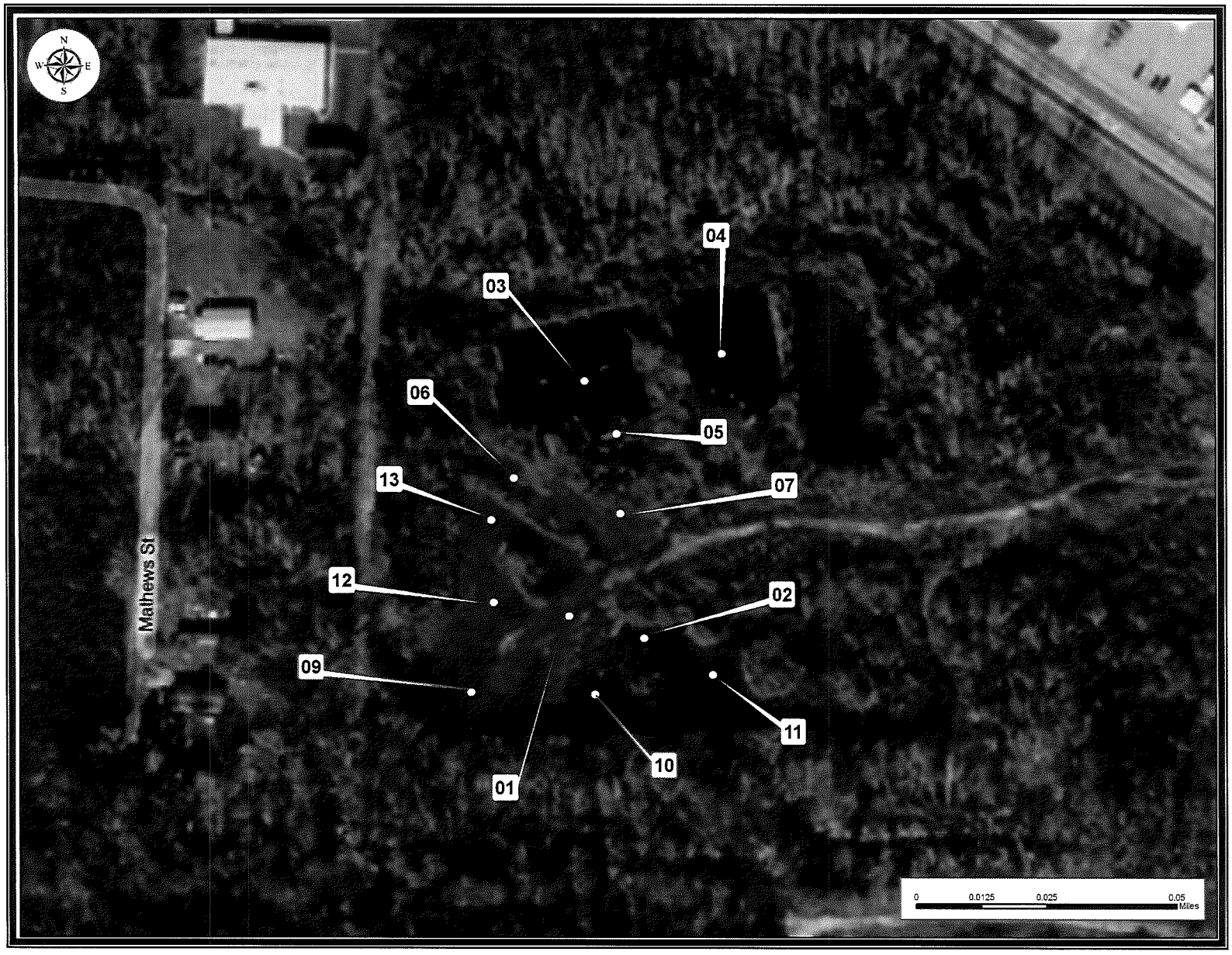


FIGURE 4 – "BACK 40" SAMPLE LOCATIONS – Expanded view
HERCULES, INC., HATTIESBURG, MISSISSIPPI

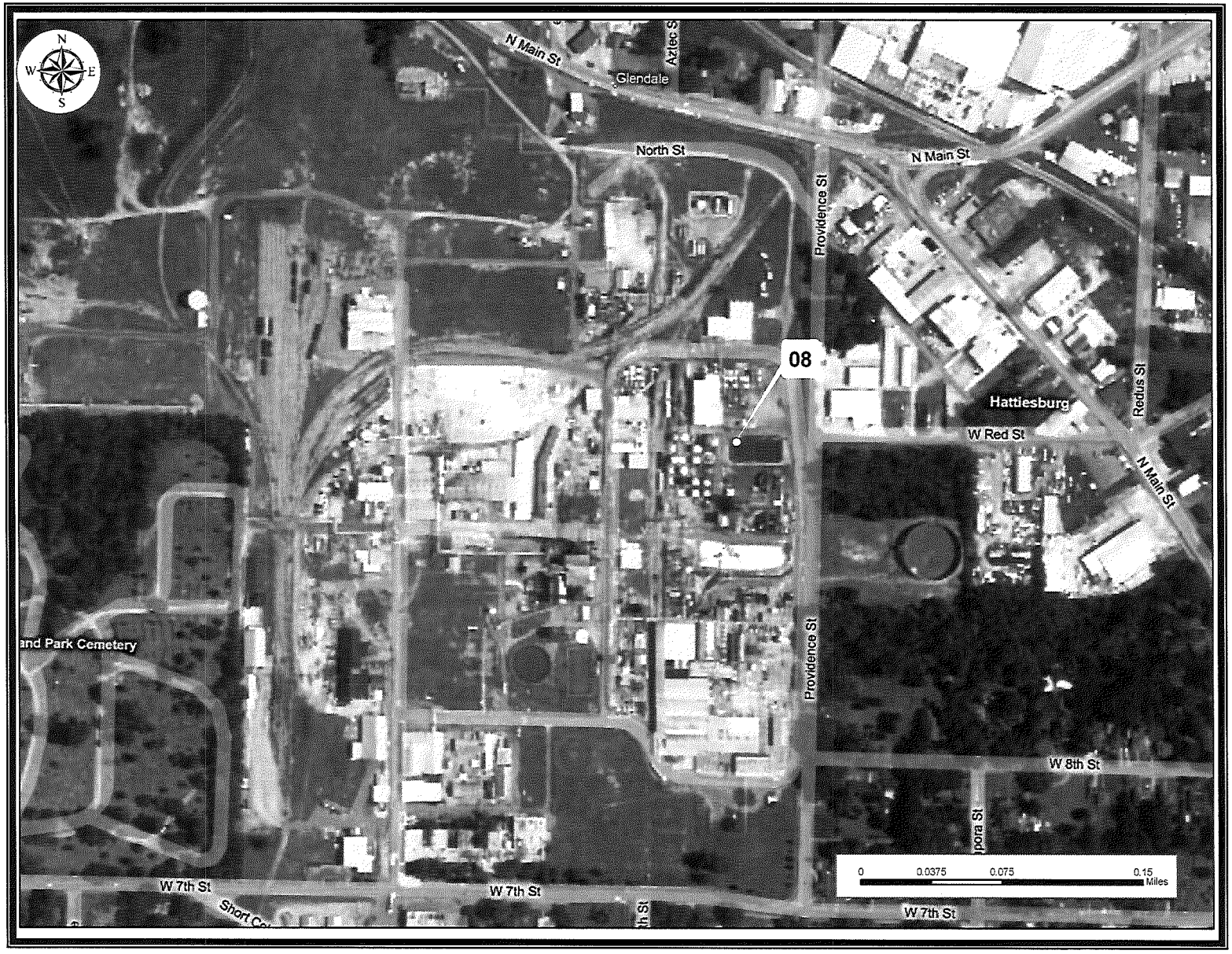


FIGURE 5 – "WETLANDS" SAMPLE LOCATION – Expanded view
HERCULES, INC., HATTIESBURG, MISSISSIPPI

TABLE 1
SAMPLE DESCRIPTIONS
HERCULES INC. – HATTIESBURG, MISSISSIPPI

Station ID	Sample ID	Media Code	Sample Date	Latitude	Longitude	Sample Description	Sample Interval (BLS)/ Sample Method
HERC01	HERC01-A	WA	9/28/10	31.34350	89.31332 ±10'	Black organic rich material; very strong odor; pine smell	0 to 4 feet - Geoprobe
HERC02	HERC02-B	WA	9/28/10	31.34344	89.31308 ±13'	Tan to black sticky material	3.5 to 5 feet – hand auger
HERC03	HERC03-B	WA	9/28/10	31.34417	89.31328 ±16'	Oldest material in "back 40": black organic material; strong odor; sandier at depth	4 to 5 feet – hand auger
HERC04	HERC04-B	WA	9/28/10	31.34425	89.31284 ±15	Back organic material; some odor	6 to 7 feet – hand auger
HERC05	HERC05-A	WA	9/28/10	31.34402	89.31318 ±11'	Dark organic sludge; strong odor	5.5 to 6.5 feet – hand auger
HERC06	HERC06-B	WA	9/28/10	31.34389	89.31351 ±12'	Drier material; dark gray to black sludge; strong odor; moister & sandier w/depth	4.5 to 5.5 feet – hand auger
HERC07	HERC07-B	WA	9/28/10	31.34380	89.31316 ±10'	Drier dark organic material; moister w/depth	5.5 to 6 feet – hand auger
HERC08	HERC08	WA	9/29/10	31.33928	89.30500 ±12'	Only "wetland" sample; mostly cat-tails, some sludgy material; no odor	3 to 4 inches - scoop
HERC09	HERC09-B	WA	9/29/10	31.34329	89.31363 ±16'	Black sludge material into sand at 6 feet BLS	5 to 6 feet – tried Geoprobe; had to hand-auger to get enough sample
HERC10	HERC10-B	WA	9/29/10	31.34329	89.31323 ±12'	Hit sand at 6 feet bls; some odor	5 to 6 feet – hand auger
HERC11	HERC11-B	WA	9/29/10	31.34335	89.31285 ±12'	Black organic sludge; some odor; into sand at 6 feet BLS	5 to 6 feet – hand auger
HERC12	HERC12-B	WA	9/29/10	31.34354	89.31357 ±11'	Black sludge; some odor; into sand at 5.5 feet BLS	4.5 to 5.5 feet – hand auger
HERC13	HERC13-B	WA	9/29/10	31.34377	89.31358 ±10'	Black sludge material; strong odor, oily sheen; into sand at 5.5 feet BLS	4.5 to 5.5 feet – hand auger

TABLE 2
Detected Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

	Station ID	HERC01	HERC02	HERC03	HERC04	HERC05	HERC06
	Sample ID	HERC01-A	HERC02-B	HERC03-B	HERC04-B	HERC05-A	HERC06-B
	Media Code	WA	WA	WA	WA	WA	WA
	Sample Date	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10
Analyte	**Units**						
(m- and/or p-)Xylene	mg/kg	5.1 J,O	U	0.76 J,O	5.8 J,O	4.6 J,O	U
1,2,4-Trimethylbenzene	mg/kg	3.9 J,O	7.0 J,O	2.1	4.6 J,O	4.0 J,O	0.40 J,O
1,2-Dichlorobenzene	mg/kg	U	U	U	25	6.3 J,O	U
Benzene	mg/kg	**18**	**37**	**3.4**	**19**	**14**	U
Carbon disulfide	mg/kg	5.3 J,O	U	U	5.6 J,O	3.6 J,O	0.42 J,O
Cyclohexane	mg/kg	110	190	U	910	420	U
Ethyl Benzene	mg/kg	2.4 J,O	**6.5 J,O**	0.62 J,O	2.2 J,O	2.6 J,O	U
Isopropylbenzene	mg/kg	U	U	U	U	U	U
Methyl Acetate	mg/kg	U	U	0.72 J,O	U	U	U
Methyl Isobutyl Ketone	mg/kg	U	U	U	U	4.6 J,O	U
Methylcyclohexane	mg/kg	6.9 J,O	17 J,O	8.6	20	22	0.24 J,O
n- Butylbenzene	mg/kg	U	U	1.2	U	U	U
o-Xylene	mg/kg	U	U	0.5 J,O	U	U	U
p-Isopropyltoluene	mg/kg	1100	1700	420	3500	3500	38
tert-Butylbenzene	mg/kg	U	U	1.4	U	U	U
Toluene	mg/kg	**7100**	**16000**	0.82 J,O	**3000**	**5300**	**280**
Dimethyloctane (TIC)	mg/kg	U	U	40 NJ	U	U	U
Ethylmethylcyclohexane (TIC)	mg/kg	U	U	20 NJ	U	U	U

Numbers in **BOLD** exceed the USEPA Regional Screening Levels (11/10) and/or values in the MDEQ Tier 1 TRG Table (2/28/02)
J= the identification of the analyte is acceptable; the reported value is an estimate
NJ = Presumptive evidence that analyte is present; reported as a tentative identification (TIC) with an estimated value.
O = other qualifiers have been assigned providing additional information and are defined in the analytical data sheets included as Appendix B of this report
U= the analyte was not detected at or above the reporting limit

TABLE 2 (con't)
Detected Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

	Station ID	HERC07	HERC08	HERC09	HERC10	HERC11	HERC12	HERC13
	Sample ID	HERC07-B	HERC08	HERC09-B	HERC10-B	HERC11-B	HERC12-B	HERC13-B
	Media Code	WA	WA	WA	WA	WA	WA	WA
	Sample Date	9/28/10	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10
Analyte	**Units**							
(m- and/or p-)Xylene	mg/kg	2.9	U	3.2	U	U	U	U
1,2,4-Trimethylbenzene	mg/kg	1.3 J,O	U	3.0	7.0 J,O	U	5.0 J,O	5.5 J,O
1,2-Dichlorobenzene	mg/kg	U	U	U	34	U	U	31
Benzene	mg/kg	U	U	**170**	**140**	**77**	**440**	**390**
Carbon disulfide	mg/kg	0.78 J,O	U	U	U	U	U	U
Cyclohexane	mg/kg	U	U	29	1500	100	48	870
Ethyl Benzene	mg/kg	0.92 J,O	U	1.0 J,O	4.0 J,O	U	U	U
Isopropylbenzene	mg/kg	U	U	U	U	U	**47**	U
Methyl Acetate	mg/kg	U	U	U	U	U	U	U
Methyl Isobutyl Ketone	mg/kg	U	U	U	U	U	U	11 J,O
Methylcyclohexane	mg/kg	U	U	8.2	12 J,O	7.4 J,O	11 J,O	10 J,O
n- Butylbenzene	mg/kg	U	U	U	U	U	U	U
o-Xylene	mg/kg	0.73 J,O	U	1.0 J,O	U	U	U	U
p-Isopropyltoluene	mg/kg	170	2.6	610	3400	720	2400	3100
tert-Butylbenzene	mg/kg	U	U	U	U	U	U	U
Toluene	mg/kg	**1400**	34	**1100**	**3100**	**2600**	**160**	**3400**
Dimethyloctane (TIC)	mg/kg	U	U	U	U	U	U	U
Ethylmethylcyclohexane (TIC)	mg/kg	U	U	U	U	U	U	U

Numbers in **BOLD** exceed the USEPA Regional Screening Levels (11/10) and/or values in the MDEQ Tier 1 TRG Table (2/28/02)
J= the identification of the analyte is acceptable; the reported value is an estimate
NJ = Presumptive evidence that analyte is present; reported as a tentative identification (TIC) with an estimated value.
O = other qualifiers have been assigned providing additional information and are defined in the analytical data sheets included as Appendix B of this report
U= the analyte was not detected at or above the reporting limit

TABLE 3
Volatile Organic Compounds – TCLP Results
Hercules Inc., Hattiesburg, Mississippi

	Station ID	HERC01	HERC02	HERC03	HERC04	HERC05	HERC06
	Sample ID	HERC01-A	HERC02-B	HERC03-B	HERC04-B	HERC05-A	HERC06-B
	Media Code	WA	WA	WA	WA	WA	WA
	Sample Date	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10
Analyte	**Units**						
Benzene	mg/L	0.21	**0.62 J,O**	NA-5	0.22	0.23	NA-5

	Station ID	HERC07	HERC08	HERC09	HERC10	HERC11	HERC12	HERC13
	Sample ID	HERC07-B	HERC08	HERC09-B	HERC10-B	HERC11-B	HERC12-B	HERC13-B
	Media Code	WA	WA	WA	WA	WA	WA	WA
	Sample Date	9/28/10	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10
Analyte	**Units**							
Benzene	mg/L	NA-5	NA-5	**1.8**	**2.2**	**0.54 J,O**	**1.8**	**3.6**

Numbers in **BOLD** exceed the EPA Regulatory Level of 0.5 mg/L for benzene.

TABLE 4
EPA and MDEQ Regulatory Levels for Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

		MDEQ Tier 1 TRG Soil	MDEQ Tier 1 TRG Soil	EPA RSLs Soil
Analyte	**Units**	**Restricted - mg/kg**	**Unrestricted - mg/kg**	**Residential – mg/kg**
(m- and/or p-)Xylene	mg/kg	m = 418; p = 461	m = 418; p = 461	3400
1,2,4-Trimethylbenzene	mg/kg	102000	3910	62
1,2-Dichlorobenzene	mg/kg	279	279	1900
Benzene	mg/kg	1.36	0.887	1.1
Carbon disulfide	mg/kg	7.97	7.97	820
Cyclohexane	mg/kg	NS	NS	7000
Ethyl Benzene	mg/kg	395	395	5.4
Isopropylbenzene (AKA cumene)	mg/kg	9.43	9.43	2100
Methyl Acetate	mg/kg	2040000	78200	78000
Methyl Isobutyl Ketone	mg/kg	163000	6260	5300
Methylcyclohexane	mg/kg	NS	NS	NS
n- Butylbenzene	mg/kg	81800	3130	NS
o-Xylene	mg/kg	413	413	3800
p-Isopropyltoluene	mg/kg	NS	NS	NS
tert-Butylbenzene	mg/kg	81800	3130	NS
Toluene	mg/kg	38	38	5000
Dimethyloctane (TIC)	mg/kg	NS	NS	NS
Ethylmethylcyclohexane (TIC)	mg/kg	NS	NS	NS

Regulatory levels are taken from the USEPA Regional Screening Levels (11/10) and the MDEQ Tier 1 TRG Table (2/28/02)
NS = No Regulatory Standard/Level

TABLE 5
Detected Semi Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

	Station ID	HERC01	HERC02	HERC03	HERC04	HERC05	HERC06	HERC07
	Sample ID	HERC01-A	HERC02-B	HERC03-B	HERC04-B	HERC05-A	HERC06-B	HERC07-B
	Media Code	WA	WA	WA	WA	WA	WA	WA
	Sample Date	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10
Analyte	**Units**							
(3-and/or 4-)Methylphenol	mg/kg	20 J,O	50	U	53	100	U	78
1,1-Biphenyl	mg/kg	1600	**3900**	130	1800	1200	120	330
2,4-Dimethylphenol	mg/kg	U	U	U	6.0 J,O	U	U	U
2-Methylnaphthalene	mg/kg	4.6	5.6	U	8.4	14	U	U
2-Methylphenol	mg/kg	7.8 J,O	4.7 J,O	U	4.3 J,O	4.9 J,O	U	17 J,O
Acenaphthene	mg/kg	U	2.9	U	3.8	2.8	U	U
Dibenzofuran	mg/kg	U	4.1	U	3.0	U	U	U
Fluoranthene	mg/kg	11 J,O	9.8	U	U	11	U	U
Fluorene	mg/kg	3.0	3.4	U	2.7	U	U	U
Naphthalene	mg/kg	**6.2**	**8.8**	U	**7.8**	**8.7**	U	U
Phenanthrene	mg/kg	U	5.5 J,O	U	3.0 J,N	U	U	U
Phenol	mg/kg	5.3 J,O	5.4 J,O	8.9 J,O	71	31	U	U
Pyrene	mg/kg	16	U	U	3.6	5.7	U	U
(Dimethylethyl)ethoxybenzene (TIC)	mg/kg	100 NJ	300 JN	U	U	U	U	U
(Dimethylethyl)methylphenol (TIC)	mg/kg	U	U	U	U	U	U	U
(Menthenol)terpineol (TIC)	mg/kg	90 NJ	60 NJ	U	300 NJ	300 NJ	U	U
(Methylpropyl)benzene (TIC)	mg/kg	U	U	U	U	U	U	U
Bis(methylethyl)biphenyl (TIC)	mg/kg	U	U	U	U	U	U	U
Camphene (TIC)	mg/kg	200 NJ	200 NJ	U	300 NJ	200 NJ	U	U
Camphor (TIC)	mg/kg	U	U	U	200 NJ	U	U	U
Chlorotrimethylbicycloheptane (TIC)	mg/kg	U	U	U	100 NJ	100 NJ	U	U
Cycloisolongifolene (TIC)	mg/kg	80 NJ	80 NJ	U	U	200 NJ	U	U
Decahydrotrimethylmethylenemethanoazulene (TIC)	mg/kg	U	U	U	U	400 NJ	U	U
Dimethylisopropylphenanthrene (TIC)	mg/kg	U	U	200 NJ	200 NJ	100 NJ	200 NJ	200 NJ
Diphenyl ether (TIC)	mg/kg	1000 NJ	U	800 NJ	U	U	200 NJ	600 NJ
Ethyl(methylethyl)benzene (TIC)	mg/kg	60 NJ	70 NJ	U	U	U	U	U

TABLE 5 (con't)
Detected Semi Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

	Station ID	HERC01	HERC02	HERC03	HERC04	HERC05	HERC06	HERC07
	Sample ID	HERC01-A	HERC02-B	HERC03-B	HERC04-B	HERC05-A	HERC06-B	HERC07-B
	Media Code	WA	WA	WA	WA	WA	WA	WA
	Sample Date	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10	9/28/10
Analyte	**Units**							
Hexahydrodimethyl(methylethyl)naphthalene (TIC)	mg/kg	U	U	U	U	400 NJ	U	U
Hexahydrotetramethylmethanonaphthalene (TIC)	mg/kg	1000 NJ	U	600 NJ	1000 NJ	U	2000 NJ	1000 NJ
Limonene (TIC)	mg/kg	300 NJ	U	U	U	U	U	U
Methyl(methylethyl)benzene (TIC)	mg/kg	2000 NJ	3000 NJ	300 NJ	U	U	U	U
Methyl(methylethyl)cyclohexane (TIC)	mg/kg	800 NJ	600 NJ	2000 NJ	U	U	U	U
Methyl(methylethyl)cyclohexene (TIC)	mg/kg	U	U	U	U	U	U	U
Methyl(methylethyl)phenanthrene (TIC)	mg/kg	U	U	200 NJ	U	U	U	U
Petroleum Product	mg/kg	N	N	U	N	N	N	N
Phenanthrenecarboxylic acid (TIC)	mg/kg	U	U	U	U	200 NJ	U	U
Pinene (TIC)	mg/kg	500 NJ	200 NJ	U	700 NJ	900 NJ	U	U
Propylphenol (TIC)	mg/kg	U	50 NJ	U	200 NJ		U	U
Trimethylbicycloheptane (TIC)	mg/kg	U	U	300 NJ	300 NJ	400 NJ	U	U
Unidentified Compound(s)	mg/kg	70 J	900 J	3000 J	2000 J	700 J	6000 J	5000J

Numbers in **BOLD** exceed one or both of the USEPA Regional Screening Levels (11/10) or the MDEQ Tier 1 TRG Table (2/28/02)
J= the identification of the analyte is acceptable; the reported value is an estimate
NJ = Presumptive evidence that analyte is present; reported as a tentative identification (TIC) with an estimated value.
O = other qualifiers have been assigned providing additional information and are defined in the analytical data sheets included as Appendix B of this report
U= the analyte was not detected at or above the reporting limit
TIC = Tentatively Identified Compound

TABLE 5 (con't)
Detected Semi Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

	Station ID	HERC08	HERC09	HERC10	HERC11	HERC12	HERC13
	Sample ID	HERC08	HERC09-B	HERC10-B	HERC11-B	HERC12-B	HERC13-B
	Media Code	WA	WA	WA	WA	WA	WA
	Sample Date	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10
Analyte	**Units**						
(3-and/or 4-)Methylphenol	mg/kg	U	U	U	13 J,O	3.1 J,O	18 J,O
1,1-Biphenyl	mg/kg	U	290	1600	480	500	1500
2,4-Dimethylphenol	mg/kg	U	U	U	U	U	U
2-Methylnaphthalene	mg/kg	U	2.6	4.6	2.6	3.5	4.1
2-Methylphenol	mg/kg	U	U	U	3.8 J,O	U	4.0 J,O
Acenaphthene	mg/kg	U	U	U	U	U	U
Dibenzofuran	mg/kg	U	U	U	U	U	U
Fluoranthene	mg/kg	U	6.8	U	10	9.5	7.0
Fluorene	mg/kg	U	U	U	U	U	U
Naphthalene	mg/kg	U	3.1	**6.7**	3.3	**3.9**	**5.2**
Phenanthrene	mg/kg	U	3.1 J,O	U	5.0 J,O	U	U
Phenol	mg/kg	U	7.2 J,O	18 J,O	6.2 J,O	15 J,O	28
Pyrene	mg/kg	U	3.5	3.4	4.8	U	3.1
(Dimethylethyl)ethoxybenzene (TIC)	mg/kg	U	U	U	U	U	U
(Dimethylethyl)methylphenol (TIC)	mg/kg	U	100 NJ	U	200 NJ	U	U
(Menthenol)terpineol (TIC)	mg/kg	U	U	200 NJ	U	U	400 NJ
(Methylpropyl)benzene (TIC)	mg/kg	U	U	90 NJ	U	U	U
Bis(methylethyl)biphenyl (TIC)	mg/kg	70 NJ	U	U	U	U	U
Camphene (TIC)	mg/kg	U	100 NJ	1000 NJ	100 NJ	200 NJ	1000 NJ
Camphor (TIC)	mg/kg	U	U	U	U	U	U
Chlorotrimethylbicycloheptane (TIC)	mg/kg	U	U	U	U	U	U
Cycloisolongifolene (TIC)	mg/kg	U	U	U	U	U	U
Decahydrotrimethylmethylenemethanoazulene (TIC)	mg/kg	U	300 NJ	U	U	U	U
Dimethylisopropylphenanthrene (TIC)	mg/kg	400 NJ	400 NJ	U	200 NJ	300 NJ	200 NJ
Diphenyl ether (TIC)	mg/kg	U	1000 NJ	200 NJ	U	2000 NJ	5000 NJ
Ethyl(methylethyl)benzene (TIC)	mg/kg	U	U	U	U	U	U

TABLE 5 (con't)
Detected Semi Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

	Station ID	HERC08	HERC09	HERC10	HERC11	HERC12	HERC13
	Sample ID	HERC08	HERC09-B	HERC10-B	HERC11-B	HERC12-B	HERC13-B
	Media Code	WA	WA	WA	WA	WA	WA
	Sample Date	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10
Analyte	**Units**						
Hexahydrodimethyl(methylethyl)naphthalene (TIC)	mg/kg	U	U	U	U	U	U
Hexahydrotetramethylmethanonaphthalene (TIC)	mg/kg	200 NJ	2000 NJ	U	1000 NJ	500 NJ	1000 NJ
Limonene (TIC)	mg/kg	U	U	U	U	U	U
Menthene (TIC)	mg/kg	U	600 NJ	U	100 NJ	U	U
Methyl(methylethyl)benzene (TIC)	mg/kg	U	700 NJ	7000 NJ	700 NJ	3000 NJ	7000 NJ
Methyl(methylethyl)cyclohexane (TIC)	mg/kg	U	1000 NJ	4000 NJ	2000 NJ	2000 NJ	4000 NJ
Methyl(methylethyl)cyclohexene (TIC)	mg/kg	U	100 NJ	U	U	80 NJ	200 NJ
Methyl(methylethyl)phenanthrene (TIC)	mg/kg	U	U	U	U	U	U
Petroleum Product	mg/kg	N	N	N	N	N	U
Phenanthrenecarboxylic acid (TIC)	mg/kg	U	U	U	U	U	U
Pinene (TIC)	mg/kg	U	U	2000 NJ	100 NJ	U	2000 NJ
Propylphenol (TIC)	mg/kg	U	U	200 NJ	U	300 NJ	200 NJ
Trimethylbicycloheptane (TIC)	mg/kg	U	100 NJ	200 NJ	200 NJ	200 NJ	200 NJ
Unidentified Compound(s)	mg/kg	2000 J	1000 J	2000 J	2000 J	1000 J	2000 NJ

Numbers in **BOLD** exceed one or both of the USEPA Regional Screening Levels (11/10) or the MDEQ Tier 1 TRG Table (2/28/02)
J= the identification of the analyte is acceptable; the reported value is an estimate
NJ = Presumptive evidence that analyte is present; reported as a tentative identification (TIC) with an estimated value.
O = other qualifiers have been assigned providing additional information and are defined in the analytical data sheets included as Appendix B of this report
U= the analyte was not detected at or above the reporting limit
TIC = Tentatively Identified Compound

TABLE 6
EPA and MDEQ Regulatory Levels for Semi Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

		MDEQ Tier 1 TRG Soil	MDEQ Tier 1 TRG Soil	EPA RSLs Soil
Analyte	**Units**	**Restricted - mg/kg**	**Unrestricted - mg/kg**	**Residential – mg/kg**
(3-and/or 4-)Methylphenol	mg/kg	102000/10200	3910/391	7500
1,1-Biphenyl	mg/kg	10200	3910	3900
2,4-Dimethylphenol	mg/kg	40800	1560	1200
2-Methylnaphthalene	mg/kg	40900	1560	310
2-Methylphenol	mg/kg	102000	3910	3100
Acenaphthene	mg/kg	123000	4690	3400
Dibenzofuran	mg/kg	8180	313	78
Fluoranthene	mg/kg	81700	3130	2300
Fluorene	mg/kg	81700	3130	2300
Naphthalene	mg/kg	247	194	3.6
Phenanthrene	mg/kg	61300	2350	NS
Phenol	mg/kg	123000	46900	18000
Pyrene	mg/kg	61300	2350	1700
(Dimethylethyl)ethoxybenzene (TIC)	mg/kg	NS	NS	NS
(Dimethylethyl)methylphenol (TIC)	mg/kg	NS	NS	NS
(Menthenol)terpineol (TIC)	mg/kg	NS	NS	NS
(Methylpropyl)benzene (TIC)	mg/kg	NS	NS	NS
Bis(methylethyl)biphenyl (TIC)	mg/kg	NS	NS	NS
Camphene (TIC)	mg/kg	NS	NS	NS
Camphor (TIC)	mg/kg	NS	NS	NS
Chlorotrimethylbicycloheptane (TIC)	mg/kg	NS	NS	NS
Cycloisolongifolene (TIC)	mg/kg	NS	NS	NS
Decahydrotrimethylmethylenemethanoazulene (TIC)	mg/kg	NS	NS	NS
Dimethylisopropylphenanthrene (TIC)	mg/kg	NS	NS	NS
Diphenyl ether (TIC)	mg/kg	NS	NS	NS
Ethyl(methylethyl)benzene (TIC)	mg/kg	NS	NS	NS
Hexahydrodimethyl(methylethyl)naphthalene (TIC)	mg/kg	NS	NS	NS

NS = No Regulatory Standard/Level
TIC = Tentatively Identified Compound

TABLE 6 (con't)
EPA and MDEQ Regulatory Levels for Semi Volatile Organic Compounds
Hercules Inc., Hattiesburg, Mississippi

		MDEQ Tier 1 TRG Soil	MDEQ Tier 1 TRG Soil	EPA RSLs Soil
Analyte	**Units**			
Hexahydrotetramethylmethanonaphthalene (TIC)	mg/kg	NS	NS	NS
Limonene (TIC)	mg/kg	NS	NS	NS
Menthene (TIC)	mg/kg	NS	NS	NS
Methyl(methylethyl)benzene (TIC)	mg/kg	NS	NS	NS
Methyl(methylethyl)cyclohexane (TIC)	mg/kg	NS	NS	NS
Methyl(methylethyl)cyclohexene (TIC)	mg/kg	NS	NS	NS
Methyl(methylethyl)phenanthrene (TIC)	mg/kg	NS	NS	NS
Petroleum Product	mg/kg	NS	NS	NS
Phenanthrenecarboxylic acid (TIC)	mg/kg	NS	NS	NS
Pinene (TIC)	mg/kg	NS	NS	NS
Propylphenol (TIC)	mg/kg	NS	NS	NS
Trimethylbicycloheptane (TIC)	mg/kg	NS	NS	NS
Unidentified Compound(s)	mg/kg	NS	NS	NS

NS = No Regulatory Standard/Level
TIC = Tentatively Identified Compound

TABLE 7 - Metals Data
Hercules Inc., Hattiesburg, Mississippi

Station ID Sample ID Media Code Sample Date		HERC01 HERC01-A WA 9/28/10	HERC02 HERC02-B WA 9/28/10	HERC03 HERC03-B WA 9/28/10	HERC04 HERC04-B WA 9/28/10	HERC05 HERC05-A WA 9/28/10	HERC06 HERC06-B WA 9/28/10	HERC07 HERC07-B WA 9/28/10
Analyte	**Units**							
Aluminum	mg/kg	6600	4900	5700	5200	5100	5800	6700
Antimony	mg/kg	U	U	U	U	U	U	U
Arsenic	mg/kg	U	U	U	**6.4**	**5.6**	U	U
Barium	mg/kg	18	18	21	27	35	100 J,O	23
Beryllium	mg/kg	U	U	U	U	U	U	U
Cadmium	mg/kg	U	U	U	0.46	0.49	U	0.48
Calcium	mg/kg	75 J,O	58	210	400	2000	5000	710
Chromium	mg/kg	**24**	**11**	**7.7**	**29**	**45**	**20 J,O**	**32**
Cobalt	mg/kg	7.9	14	2.9	14	17	7.2	9.5
Copper	mg/kg	69 J,O	44	29	100	84	27 J,O	26
Iron	mg/kg	1200 J,O	1600	4300	3400	4600	4000 J,O	5200
Lead	mg/kg	23	60	9.1	26	34	22	23
Magnesium	mg/kg	65	45	230	76	170	440 J,O	62
Manganese	mg/kg	4.6	3.8	31	14	32	200 J,O	37
Molybdenum	mg/kg	8.0	3.1	U	4.0	4.8	21 J,O	40
Nickel	mg/kg	71 J,O	120	80	200	210	54 J,O	44
Potassium	mg/kg	U	U	180	96	110	160	U
Selenium	mg/kg	U	U	U	U	U	U	U
Silver	mg/kg	U	U	U	U	U	U	U
Sodium	mg/kg	170 J,O	150 J,O	U	130 J,O	460 J,O	180 J,O	130 J,O
Strontium	mg/kg	2.1	1.6	2.1	6.1	8.9	34 J,O	8.9
Thallium	mg/kg	U	U	U	U	U	U	U
Titanium	mg/kg	32	17	62	42	51	56 J,O	22
Vanadium	mg/kg	4.3	2.1	**8.7**	**5.6**	**6.6**	3.9	2.8
Yttrium	mg/kg	0.58	0.57	1.2	0.99	1.1	1.9	1.7
Zinc	mg/kg	270 J,O	120	68	510	690	500 J,O	650

Numbers in **BOLD** exceed one or both of the USEPA Regional Screening Levels (11/10) or the MDEQ Tier 1 TRG Table (2/28/02)
J= the identification of the analyte is acceptable; the reported value is an estimate
O = other qualifiers have been assigned providing additional information and are defined in the analytical data sheets included as Appendix B
U= the analyte was not detected at or above the reporting limit

TABLE 7 - Metals Data (con't)
Hercules Inc., Hattiesburg, Mississippi

	Station ID	HERC08	HERC09	HERC10	HERC11	HERC12	HERC13
	Sample ID	HERC08	HERC09-B	HERC10-B	HERC11-B	HERC12-B	HERC13-B
	Media Code	WA	WA	WA	WA	WA	WA
	Sample Date	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10	9/29/10
Analyte	**Units**						
Aluminum	mg/kg	7900	7100	6400	7000	6700	6800
Antimony	mg/kg	U	U	U	U	U	U
Arsenic	mg/kg	U	U	**5.0**	U	U	**5.6**
Barium	mg/kg	61	23	33	23	30	45
Beryllium	mg/kg	U	U	U	U	U	U
Cadmium	mg/kg	U	U	U	U	U	U
Calcium	mg/kg	250	530	2800	350	1200	1700
Chromium	mg/kg	**20**	**20**	**26**	**25**	**18**	**36**
Cobalt	mg/kg	2.7	10	14	10	13	21
Copper	mg/kg	17	110	210	93	110	210
Iron	mg/kg	8300	3500	3200	1900	4700	3100
Lead	mg/kg	24	25	23	23	18	36
Magnesium	mg/kg	240	160	200	170	210	150
Manganese	mg/kg	350	39	36	14	36	15
Molybdenum	mg/kg	37	13	6.4	4.0	2.8	5.6
Nickel	mg/kg	8.2	150	340	140	270	490
Potassium	mg/kg	210	160	220	160	170	190
Selenium	mg/kg	U	U	U	U	U	U
Silver	mg/kg	U	1.0	U	U	U	U
Sodium	mg/kg	U	150 J,O	210 J,O	180 J,O	240 J,O	230 J,O
Strontium	mg/kg	2.6	4.6	7.3	4.2	8.5	8.9
Thallium	mg/kg	U	U	U	U	U	U
Titanium	mg/kg	98	46	61	52	54	76
Vanadium	mg/kg	**18**	**5.9**	**7.6**	**7.2**	**7.5**	**9.0**
Yttrium	mg/kg	2.7	2.0	1.2	1.2	1.6	1.2
Zinc	mg/kg	130	220	570	270	370	480

Numbers in **BOLD** exceed one or both of the USEPA Regional Screening Levels (11/10) or the MDEQ Tier 1 TRG Table (2/28/02)
J= the identification of the analyte is acceptable; the reported value is an estimate
O = other qualifiers have been assigned providing additional information and are defined in the analytical data sheets included as Appendix B
U= the analyte was not detected at or above the reporting limit

TABLE 8 - EPA and MDEQ Regulatory Levels for Metals
Hercules Inc., Hattiesburg, Mississippi

		MDEQ- Soil	MDEQ- Soil	EPA RSLs - Soil
Analyte	**Units**	**Restricted - mg/kg**	**Unrestricted - mg/kg**	**Residential – mg/kg**
Aluminum	mg/kg	2040000	78200	77000
Antimony	mg/kg	81.7	31.3	31 (metallic)
Arsenic	mg/kg	3.82	0.426	0.39 (inorganic)
Barium	mg/kg	14300	5480	15000
Beryllium	mg/kg	1020	156	160 (& compounds)
Cadmium	mg/kg	1020	39.1	70 (diet)
Calcium	mg/kg	NS	NS	NS
Chromium III	mg/kg	3070000	117000	120000
Chromium VI	mg/kg	381	227	0.29
Cobalt	mg/kg	12300	4690	23
Copper	mg/kg	8170	3130	3100
Iron	mg/kg	613000	23500	55000
Lead	mg/kg	1700	400	400 (& compounds)
Magnesium	mg/kg	NS	NS	NS
Manganese	mg/kg	4080	1560	1800 (non-diet)
Molybdenum	mg/kg	1020	391	390
Nickel	mg/kg	4080	1560	1500 (soluble salts)
Potassium	mg/kg	NS	NS	NS
Selenium	mg/kg	1020	391	390
Silver	mg/kg	1020	391	390
Sodium	mg/kg	NS	NS	NS
Strontium (stable)	mg/kg	123000	46900	47000
Thallium	mg/kg	143	5.48	NS
Titanium	mg/kg	8180000	313000	NS
Vanadium	mg/kg	1430	548	5.5 (metallic)
Yttrium	mg/kg	NS	NS	NS
Zinc	mg/kg	61300	23500	23000 (metallic)

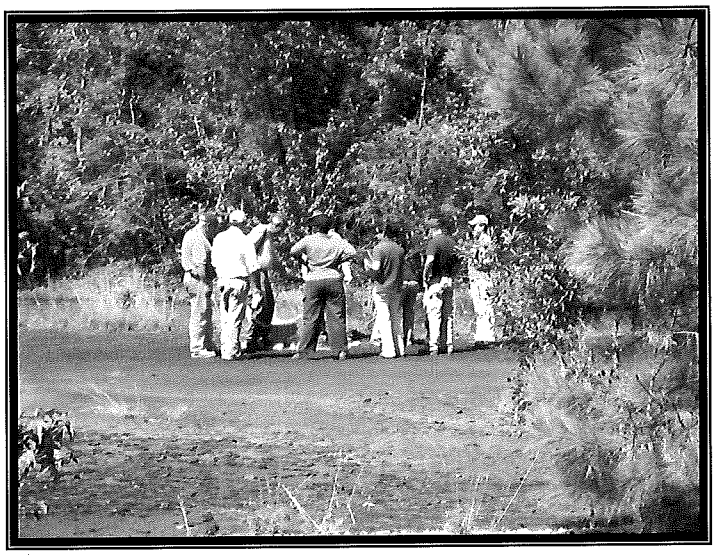
Regulatory levels are taken from the USEPA Regional Screening Levels (11/10) or the MDEQ Tier 1 TRG Table (2/28/02)
NS = No Regulatory Standard/Level

APPENDIX A

PHOTOGRAPHS OF SAMPLING ACTIVITIES

Hercules Inc., Hattiesburg, Mississippi
SESD Project Identification Number: 10-0629

Photograph 1
Example of waste/sludge from the "Back 40"



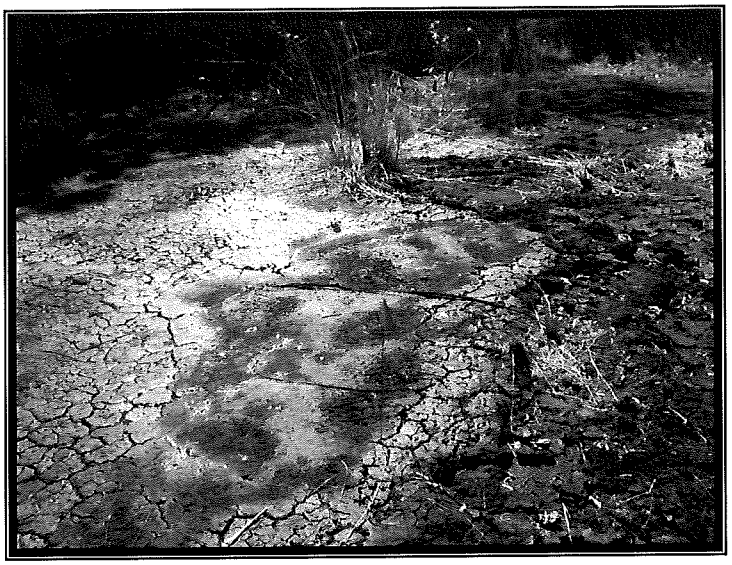
Photograph 2
Assessing the HERC03-B sample location

Photograph 3
Example of waste/ sludge from the "Back 40"

Photograph 4
Example of waste/ sludge from the "Back 40"

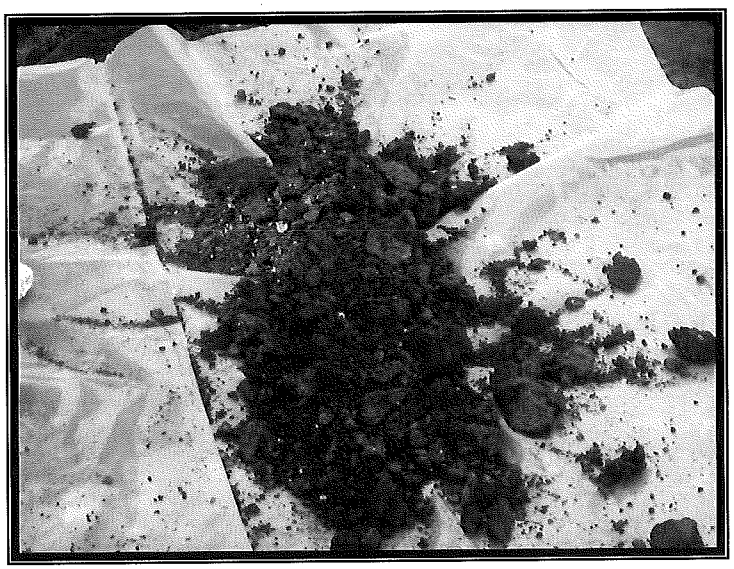
Photograph 5
Collecting sample HERC03-B

Photograph 6
Air monitoring during HERC03-B sample collection



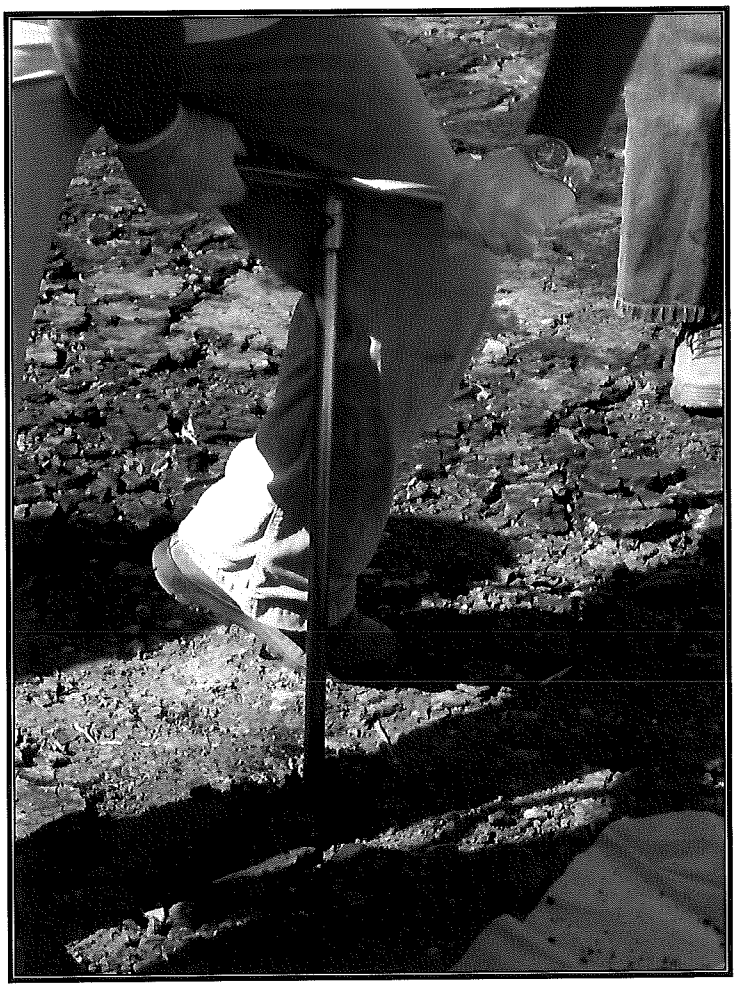
Photograph 7
Sample location HERC05-A

Photograph 8
Sample location HERC04-B

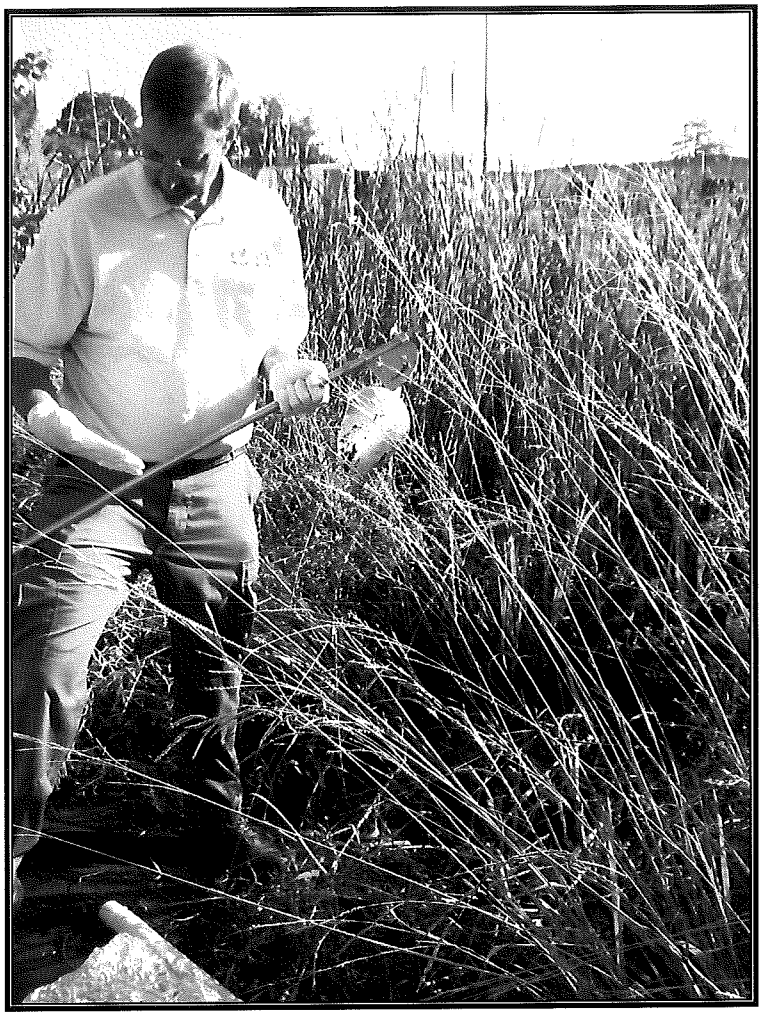


Photograph 9
Sample HERC06-B

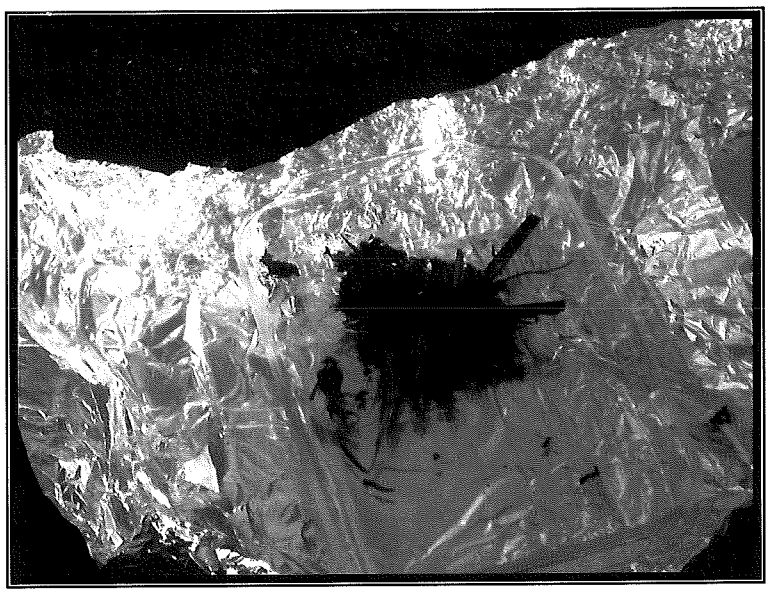
Photograph 10
Sample HERC07-B



Photograph 11
Hand augering sample HERC07-B



Photograph 12
Sampling "wetlands" to collect HERC08



Photograph 13
Sample HERC08 – note dense root system

Photograph 14
Sample HERC08 – note dense root system

Photograph 15
Attempting to collect another sample from the "wetlands" - dense root system prevented sample collection

Photograph 16
Locations for samples HERC06-B and HERC07-B

Photograph 17 – General area of sample HERC05-A

Photograph 18
General area of sample HERC04-B

Photograph 19
Coring HERC09-B using Geoprobe

Photograph 20
Collecting sample HERC09-B with hand auger

Photograph 21
Collecting sample HERC11-B

Photograph 22
Collecting sample HERC11-B

Photograph 23
Collecting sample HERC12-B

APPENDIX B

SESD ANALYTICAL DATA SHEETS

Hercules Inc., Hattiesburg, Mississippi
SESD Project Identification Number: 10-0629

Semi-Volatile Organic Compounds = 59 pages – issued 11/1/10

Volatile Organic Compounds = 60 pages – issued 11/8/10

Metals = 34 pages – issued 1/4/11

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

November 1, 2010

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 10-0629, Hercules Inc
Civil Enforcement

FROM: Janet Muse
OCS Chemist

THRU: Sallie Hale, Chief
ASB Organic Chemistry Section

TO: Sharon Matthews

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are representative only of the samples as received by the laboratory.

Analyses Included in this report:	Method Used:
Semi Volatile Organics (SVOA)	
Semivolatile organic compounds	EPA 8270D
TCLP SemiVolatiles (TCLPS)	
Semivolatile organic compounds	EPA 8270D

Sample Disposal Policy

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

SAMPLES INCLUDED IN THIS REPORT

Project: 10-0629, Hercules Inc

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
ERB01	E104009-01	Equipment Rinse Blank	9/23/10 13:30	10/1/10 8:35
HERC01-A	E104009-03	Waste	9/28/10 10:10	10/1/10 8:35
HERC02-B	E104009-04	Waste	9/28/10 10:55	10/1/10 8:35
HERC03-B	E104009-05	Waste	9/28/10 13:15	10/1/10 8:35
HERC04-B	E104009-06	Waste	9/28/10 13:50	10/1/10 8:35
HERC05-A	E104009-07	Waste	9/28/10 14:05	10/1/10 8:35
HERC06-B	E104009-08	Waste	9/28/10 14:55	10/1/10 8:35
HERC07-B	E104009-09	Waste	9/28/10 15:25	10/1/10 8:35
HERC08	E104009-10	Waste	9/29/10 08:50	10/1/10 8:35
HERC09-B	E104009-11	Waste	9/29/10 14:20	10/1/10 8:35
HERC10-B	E104009-12	Waste	9/29/10 14:15	10/1/10 8:35
HERC11-B	E104009-13	Waste	9/29/10 14:30	10/1/10 8:35
HERC12-B	E104009-14	Waste	9/29/10 14:50	10/1/10 8:35
HERC13-B	E104009-15	Waste	9/29/10 15:10	10/1/10 8:35

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Project: 10-0629, Hercules Inc - Reported by Janet Muse

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
H-7	Recommended preparation holding time exceeded
J	The identification of the analyte is acceptable; the reported value is an estimate.
N	There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.
NA-5	Not Analyzed. Cannot exceed TCLP regulatory levels based on Total Scan analyses.
NJ	Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value.
O-2	Result greater than MDL but less than MRL.
OL-2	Laboratory Control Spike Recovery greater than method control limits
OL-3	Laboratory Control Spike Precision outside method control limits
OM-1	Matrix Spike Recovery less than method control limits
OM-6	Matrix Spike Recovery less than 10%
R	The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.

ACRONYMS AND ABBREVIATIONS

CAS — Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

MDL — Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.

MRL — Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.

TIC — Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01 **Lab ID:** E104009-01

Station ID: **Matrix:** Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
92-52-4	1,1-Biphenyl	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-94-3	1,2,4,5-Tetrachlorobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-50-1	1,2-Dichlorobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
541-73-1	1,3-Dichlorobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
106-46-7	1,4-Dichlorobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
90-12-0	1-Methylnaphthalene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
120-83-2	2,4-Dichlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
105-67-9	2,4-Dimethylphenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
51-28-5	2,4-Dinitrophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
121-14-2	2,4-Dinitrotoluene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
606-20-2	2,6-Dinitrotoluene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
91-58-7	2-Chloronaphthalene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-57-8	2-Chlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
91-57-6	2-Methylnaphthalene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-48-7	2-Methylphenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
88-74-4	2-Nitroaniline	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
88-75-5	2-Nitrophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
99-09-2	3-Nitroaniline	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
106-47-8	4-Chloroaniline	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
100-01-6	4-Nitroaniline	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
100-02-7	4-Nitrophenol	9.8	U, J, H-7, QL-3	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01
Station ID:

Lab ID: E104009-01
Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
83-32-9	Acenaphthene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
208-96-8	Acenaphthylene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
98-86-2	Acetophenone	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
120-12-7	Anthracene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
1912-24-9	Atrazine	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
100-52-7	Benzaldehyde	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
56-55-3	Benzo(a)anthracene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
50-32-8	Benzo(a)pyrene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
100-51-6	Benzyl alcohol	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
85-68-7	Benzyl butyl phthalate	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
105-60-2	Caprolactam	9.8 U, J, H-7, QL-3	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
86-74-8	Carbazole	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
218-01-9	Chrysene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
132-64-9	Dibenzofuran	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
84-66-2	Diethyl phthalate	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
131-11-3	Dimethyl phthalate	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
84-74-2	Di-n-butylphthalate	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
117-84-0	Di-n-octylphthalate	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
206-44-0	Fluoranthene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
86-73-7	Fluorene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
67-72-1	Hexachloroethane	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01 **Lab ID: E104009-01**

Station ID: **Matrix: Equipment Rinse Blank**

Date Collected: 9/23/10 13:30

CAS Number	*Analyte*	*Results Qualifiers*	*Units*	*MRL*	*Prepared*	*Analyzed*	*Method*
193-39-5	Indeno (1,2,3-cd) pyrene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
78-59-1	Isophorone	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
91-20-3	Naphthalene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
98-95-3	Nitrobenzene	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
87-86-5	Pentachlorophenol	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
85-01-8	Phenanthrene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
108-95-2	Phenol	9.8 U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
129-00-0	Pyrene	2.0 U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
Tentatively Identified Compounds:							
R4-0000	Tentatively Identified Compounds	10 U	ug/L	10	10/04/10 6:57	10/13/10 17:44	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A
Station ID: HERC01
Lab ID: E104009-03
Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	20	J, Q-2	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
92-52-4	1,1-Biphenyl	1600		mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
120-83-2	2,4-Dichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
105-67-9	2,4-Dimethylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
51-28-5	2,4-Dinitrophenol	26	U, R, QM-6	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
121-14-2	2,4-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
606-20-2	2,6-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
91-58-7	2-Chloronaphthalene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
95-57-8	2-Chlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
91-57-6	2-Methylnaphthalene	4.6		mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
95-48-7	2-Methylphenol	7.8	J, Q-2	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
88-74-4	2-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
88-75-5	2-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
99-09-2	3-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
106-47-8	4-Chloroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
100-01-6	4-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
100-02-7	4-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
83-32-9	Acenaphthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
208-96-8	Acenaphthylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
98-86-2	Acetophenone	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
120-12-7	Anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
1912-24-9	Atrazine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A **Lab ID: E104009-03**

Station ID: HERC01 **Matrix: Waste**

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
56-55-3	Benzo(a)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
50-32-8	Benzo(a)pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
85-68-7	Benzyl butyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
105-60-2	Caprolactam	26	U, R, QM-6	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
86-74-8	Carbazole	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
218-01-9	Chrysene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
132-64-9	Dibenzofuran	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
84-66-2	Diethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
131-11-3	Dimethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
84-74-2	Di-n-butylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
117-84-0	Di-n-octylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
206-44-0	Fluoranthene	11	J, QM-1	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
86-73-7	Fluorene	3.0		mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
87-68-3	Hexachlorobutadiene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	26	U, J, QM-1	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
67-72-1	Hexachloroethane	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
78-59-1	Isophorone	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
91-20-3	Naphthalene	6.2		mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
98-95-3	Nitrobenzene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A
Station ID: HERC01

Lab ID: E104009-03
Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
87-86-5	Pentachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
85-01-8	Phenanthrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
108-95-2	Phenol	5.3	J, Q-2	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
129-00-0	Pyrene	16		mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
110-86-1	Pyridine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
Tentatively Identified Compounds:								
R4-8000900	(Dimethylethyl)ethoxybenzene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6552	(Menthenol)terpineol (TIC)	90	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6531	Camphene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000904	Cycloisolongifolene (TIC)	80	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000898	Ethyl(methylethyl)benzene (TIC)	60	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-7545	Limonene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	800	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6500	Petroleum Product:	N				10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6520	Pinene (TIC)	500	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6501	Unidentified Compounds	70	J	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D

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Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC01-A**
Station ID: **HERC01**

Lab ID: **E104009-03**
Matrix: **Waste**

Date Collected: 9/28/10 10:10

CAS Number	*Analyte*	*Results*	*Qualifiers*	*Units*	*MRL*	*Prepared*	*Analyzed*	*Method*
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B **Lab ID: E104009-04**

Station ID: HERC02 **Matrix: Waste**

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	50		mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
92-52-4	1,1-Biphenyl	3900		mg/kg	51	10/05/10 12:00	10/09/10 23:51	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
120-83-2	2,4-Dichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
105-67-9	2,4-Dimethylphenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
51-28-5	2,4-Dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
91-58-7	2-Chloronaphthalene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
95-57-8	2-Chlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
91-57-6	2-Methylnaphthalene	5.6		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
95-48-7	2-Methylphenol	4.7	J, Q-2	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
88-74-4	2-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
88-75-5	2-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
99-09-2	3-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
106-47-8	4-Chloroaniline	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
100-01-6	4-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
100-02-7	4-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
83-32-9	Acenaphthene	2.9		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
208-96-8	Acenaphthylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
98-86-2	Acetophenone	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
120-12-7	Anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
1912-24-9	Atrazine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B
Station ID: HERC02

Lab ID: E104009-04
Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
85-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
132-64-9	Dibenzofuran	4.1		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
206-44-0	Fluoranthene	9.8		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
86-73-7	Fluorene	3.4		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
91-20-3	Naphthalene	8.8		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B
Station ID: HERC02

Lab ID: E104009-04
Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
85-01-8	Phenanthrene	5.5	J, QL-2	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
108-95-2	Phenol	5.4	J, Q-2	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
129-00-0	Pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
Tentatively Identified Compounds:								
R4-8000900	(Dimethylethyl)ethoxybenzene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6552	(Menthenol)terpineol (TIC)	60	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6531	Camphene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-8000904	Cycloisolongifolene (TIC)	80	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-8000898	Ethyl(methylethyl)benzene (TIC)	70	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	3000	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	600	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6500	Petroleum Product:	N				10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6520	Pinene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-8000466	Propylphenol (TIC)	50	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6501	Unidentified Compounds	900	J	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B
Station ID: HERC02

Lab ID: E104009-04
Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B
Station ID: HERC03

Lab ID: E104009-05
Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
92-52-4	1,1-Biphenyl	130		mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
91-57-6	2-Methylnaphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
95-48-7	2-Methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
83-32-9	Acenaphthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B
Station ID: HERC03
Lab ID: E104009-05
Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
85-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
206-44-0	Fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
91-20-3	Naphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B
Station ID: HERC03

Lab ID: E104009-05
Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
108-95-2	Phenol	8.9	J, Q-2	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
129-00-0	Pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
Tentatively Identified Compounds:								
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	800	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	600	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-6514	Methyl(methylethyl)phenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-6501	Unidentified Compounds	3000	J	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B
Station ID: HERC03

Lab ID: E104009-05
Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B
Station ID: HERC04

Lab ID: E104009-06
Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	53		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
92-52-4	1,1-Biphenyl	1800		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
120-83-2	2,4-Dichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
105-67-9	2,4-Dimethylphenol	6.0	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
51-28-5	2,4-Dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
91-58-7	2-Chloronaphthalene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
95-57-8	2-Chlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
91-57-6	2-Methylnaphthalene	8.4		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
95-48-7	2-Methylphenol	4.3	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
88-74-4	2-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
88-75-5	2-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
99-09-2	3-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
106-47-8	4-Chloroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
100-01-6	4-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
100-02-7	4-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
83-32-9	Acenaphthene	3.8		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
208-96-8	Acenaphthylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
98-86-2	Acetophenone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
120-12-7	Anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
1912-24-9	Atrazine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B
Station ID: HERC04

Lab ID: E104009-06
Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
85-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
132-64-9	Dibenzofuran	3.0		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
206-44-0	Fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
86-73-7	Fluorene	2.7		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
91-20-3	Naphthalene	7.8		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B
Station ID: HERC04

Lab ID: E104009-06
Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
85-01-8	Phenanthrene	3.0	J, QL-2	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
108-95-2	Phenol	71		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
129-00-0	Pyrene	3.6		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
Tentatively Identified Compounds:								
R4-6552	(Menthenol)terpineol (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6531	Camphene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000520	Camphor (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000903	Chlorotrimethylbicycloheptane (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6500	Petroleum Product:	N				10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6520	Pinene (TIC)	700	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000466	Propylphenol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B **Lab ID: E104009-06**

Station ID: HERC04 **Matrix: Waste**

Date Collected: 9/28/10 13:50

CAS Number	*Analyte*	*Results*	*Qualifiers*	*Units*	*MRL*	*Prepared*	*Analyzed*	*Method*
1319-77-3	(3-and/or 4-)Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A
Station ID: HERC05
Lab ID: E104009-07
Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	100		mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
92-52-4	1,1-Biphenyl	1200		mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
91-57-6	2-Methylnaphthalene	14		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
95-48-7	2-Methylphenol	4.9	J, Q-2	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
83-32-9	Acenaphthene	2.8		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A
Station ID: HERC05
Lab ID: E104009-07
Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
85-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
206-44-0	Fluoranthene	11		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
91-20-3	Naphthalene	8.7		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A
Station ID: HERC05

Lab ID: E104009-07
Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
108-95-2	Phenol	31		mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
129-00-0	Pyrene	5.7		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
Tentatively Identified Compounds:								
R4-6552	(Menthenol)terpineol (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6531	Camphene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-8000903	Chlorotrimethylbicycloheptane (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-8000904	Cycloisolongifolene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6506	Decahydrotrimethylmethylenemethanoazulene (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6539	Hexahydrodimethyl(methylethyl)naphthalene (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6500	Petroleum Product:	N				10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6519	Phenanthrenecarboxylic acid (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6520	Pinene (TIC)	900	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6501	Unidentified Compounds	700	J	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A
Station ID: HERC05

Lab ID: E104009-07
Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC06-B** **Lab ID:** **E104009-08**
Station ID: **HERC06** **Matrix:** **Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
92-52-4	1,1-Biphenyl	120		mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
120-83-2	2,4-Dichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
105-67-9	2,4-Dimethylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
51-28-5	2,4-Dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
121-14-2	2,4-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
606-20-2	2,6-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
91-58-7	2-Chloronaphthalene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
95-57-8	2-Chlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
91-57-6	2-Methylnaphthalene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
95-48-7	2-Methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
88-74-4	2-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
88-75-5	2-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
99-09-2	3-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
106-47-8	4-Chloroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
100-01-6	4-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
100-02-7	4-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
83-32-9	Acenaphthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
208-96-8	Acenaphthylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
98-86-2	Acetophenone	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
120-12-7	Anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
1912-24-9	Atrazine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC06-B** **Lab ID:** **E104009-08**
Station ID: **HERC06** **Matrix:** **Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
56-55-3	Benzo(a)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
50-32-8	Benzo(a)pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
5-68-7	Benzyl butyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
105-60-2	Caprolactam	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
86-74-8	Carbazole	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
218-01-9	Chrysene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
132-64-9	Dibenzofuran	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
84-66-2	Diethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
131-11-3	Dimethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
84-74-2	Di-n-butylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
117-84-0	Di-n-octylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
206-44-0	Fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
86-73-7	Fluorene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
87-68-3	Hexachlorobutadiene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
67-72-1	Hexachloroethane	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
78-59-1	Isophorone	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
1-20-3	Naphthalene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
98-95-3	Nitrobenzene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B **Lab ID: E104009-08**
Station ID: HERC06 **Matrix: Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
87-86-5	Pentachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
85-01-8	Phenanthrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
108-95-2	Phenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
129-00-0	Pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
110-86-1	Pyridine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
Tentatively Identified Compounds:								
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 20:56	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 20:56	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/09/10 20:56	EPA 8270D
R4-6500	Petroleum Product:	N				10/05/10 12:00	10/09/10 20:56	EPA 8270D
R4-6501	Unidentified Compounds	6000	J	mg/kg		10/05/10 12:00	10/09/10 20:56	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B **Lab ID: E104009-08**
Station ID: HERC06 **Matrix: Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B
Station ID: HERC07
Lab ID: E104009-09
Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	78		mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
92-52-4	1,1-Biphenyl	330		mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
91-57-6	2-Methylnaphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
95-48-7	2-Methylphenol	17	J, Q-2	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
83-32-9	Acenaphthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B **Lab ID: E104009-09**

Station ID: HERC07 **Matrix: Waste**

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
5-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
206-44-0	Fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
1-20-3	Naphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B **Lab ID:** E104009-09
Station ID: HERC07 **Matrix:** Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
108-95-2	Phenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
129-00-0	Pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
Tentatively Identified Compounds:								
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 21:31	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	600	NJ	mg/kg		10/05/10 12:00	10/09/10 21:31	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/09/10 21:31	EPA 8270D
R4-6500	Petroleum Product:	N				10/05/10 12:00	10/09/10 21:31	EPA 8270D
R4-6501	Unidentified Compounds	5000	J	mg/kg		10/05/10 12:00	10/09/10 21:31	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B **Lab ID: E104009-09**

Station ID: HERC07 **Matrix: Waste**

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08 **Lab ID:** E104009-10
Station ID: HERC08 **Matrix:** Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
92-52-4	1,1-Biphenyl	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
91-57-6	2-Methylnaphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
95-48-7	2-Methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
83-32-9	Acenaphthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D

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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08 **Lab ID: E104009-10**

Station ID: HERC08 **Matrix: Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
85-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
206-44-0	Fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
91-20-3	Naphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08 **Lab ID: E104009-10**
Station ID: HERC08 **Matrix: Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
108-95-2	Phenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
129-00-0	Pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
Tentatively Identified Compounds:								
R4-6558	Bis(methylethyl)biphenyl (TIC)	70	NJ	mg/kg		10/05/10 12:00	10/09/10 22:41	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/09/10 22:41	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 22:41	EPA 8270D
R4-6500	Petroleum Product:	N				10/05/10 12:00	10/09/10 22:41	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/09/10 22:41	EPA 8270D

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Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC08 **Lab ID: E104009-10**

Station ID: HERC08 **Matrix: Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

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Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B **Lab ID: E104009-11**
Station ID: HERC09 **Matrix: Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
92-52-4	1,1-Biphenyl	290		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
120-83-2	2,4-Dichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
105-67-9	2,4-Dimethylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
51-28-5	2,4-Dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
91-58-7	2-Chloronaphthalene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
95-57-8	2-Chlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
91-57-6	2-Methylnaphthalene	2.6		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
95-48-7	2-Methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
88-74-4	2-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
88-75-5	2-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
99-09-2	3-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
106-47-8	4-Chloroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
100-01-6	4-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
100-02-7	4-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
83-32-9	Acenaphthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
208-96-8	Acenaphthylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
98-86-2	Acetophenone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
20-12-7	Anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
1912-24-9	Atrazine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC09-B** **Lab ID:** **E104009-11**

Station ID: **HERC09** **Matrix:** **Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
5-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
132-64-9	Dibenzofuran	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
206-44-0	Fluoranthene	6.8		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
86-73-7	Fluorene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
1-20-3	Naphthalene	3.1		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D

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Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B **Lab ID: E104009-11**

Station ID: HERC09 **Matrix: Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
85-01-8	Phenanthrene	3.1	J, QL-2	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
108-95-2	Phenol	7.2	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
129-00-0	Pyrene	3.5		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
Tentatively Identified Compounds:								
R4-8000682	(Dimethylethyl)methylphenol (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6531	Camphene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6506	Decahydrotrimethylmethylenemethanoazulene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000907	Menthene (TIC)	600	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	700	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000906	Methyl(methylethyl)cyclohexene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6500	Petroleum Product:	N				10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6501	Unidentified Compounds	1000	J	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D

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TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B **Lab ID: E104009-11**

Station ID: HERC09 **Matrix: Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B** **Lab ID:** **E104009-12**
Station ID: **HERC10** **Matrix:** **Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
92-52-4	1,1-Biphenyl	1600		mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
20-83-2	2,4-Dichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
105-67-9	2,4-Dimethylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
51-28-5	2,4-Dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
91-58-7	2-Chloronaphthalene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
95-57-8	2-Chlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
91-57-6	2-Methylnaphthalene	4.6		mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
95-48-7	2-Methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
88-74-4	2-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
88-75-5	2-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
99-09-2	3-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
106-47-8	4-Chloroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
100-01-6	4-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
100-02-7	4-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
83-32-9	Acenaphthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
208-96-8	Acenaphthylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
98-86-2	Acetophenone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
20-12-7	Anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
1912-24-9	Atrazine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B** **Lab ID:** **E104009-12**

Station ID: **HERC10** **Matrix:** **Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
5-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
132-64-9	Dibenzofuran	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
206-44-0	Fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
86-73-7	Fluorene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
1-20-3	Naphthalene	6.7		mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D

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Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B** **Lab ID:** **E104009-12**
Station ID: **HERC10** **Matrix:** **Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
85-01-8	Phenanthrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
108-95-2	Phenol	18	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
129-00-0	Pyrene	3.4		mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
Tentatively Identified Compounds:								
R4-6552	(Menthenol)terpineol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6583	(Methylpropyl)benzene (TIC)	90	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6531	Camphene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	7000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	4000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6520	Pinene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-8000466	Propylphenol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D

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Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B** **Lab ID:** **E104009-12**

Station ID: **HERC10** **Matrix:** **Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

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Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC11-B** **Lab ID:** **E104009-13**
Station ID: **HERC11** **Matrix:** **Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	13 J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
92-52-4	1,1-Biphenyl	480	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
120-83-2	2,4-Dichlorophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
105-67-9	2,4-Dimethylphenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
51-28-5	2,4-Dinitrophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
91-58-7	2-Chloronaphthalene	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
95-57-8	2-Chlorophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
91-57-6	2-Methylnaphthalene	2.6	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
95-48-7	2-Methylphenol	3.8 J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
88-74-4	2-Nitroaniline	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
88-75-5	2-Nitrophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
99-09-2	3-Nitroaniline	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
106-47-8	4-Chloroaniline	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
100-01-6	4-Nitroaniline	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
100-02-7	4-Nitrophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
83-32-9	Acenaphthene	2.5 U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
208-96-8	Acenaphthylene	2.5 U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
98-86-2	Acetophenone	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
120-12-7	Anthracene	2.5 U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
1912-24-9	Atrazine	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D

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Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC11-B** **Lab ID:** **E104009-13**

Station ID: **HERC11** **Matrix:** **Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
85-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
132-64-9	Dibenzofuran	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
206-44-0	Fluoranthene	10		mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
86-73-7	Fluorene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
91-20-3	Naphthalene	3.3		mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B **Lab ID: E104009-13**
Station ID: HERC11 **Matrix: Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
87-86-5	Pentachlorophenol	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
85-01-8	Phenanthrene	5.0 J, QL-2	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
108-95-2	Phenol	6.2 J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
129-00-0	Pyrene	4.8	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
110-86-1	Pyridine	25 U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
Tentatively Identified Compounds:							
R4-8000682	(Dimethylethyl)methylphenol (TIC)	200 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6531	Camphene (TIC)	100 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	200 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-8000907	Menthene (TIC)	100 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	700 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	2000 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6500	Petroleum Product:	N			10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6520	Pinene (TIC)	100 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	200 NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6501	Unidentified Compounds	2000 J	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B **Lab ID: E104009-13**

Station ID: HERC11 **Matrix: Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B
Station ID: HERC12
Lab ID: E104009-14
Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	3.1	J, Q-2	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
92-52-4	1,1-Biphenyl	500		mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
120-83-2	2,4-Dichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
105-67-9	2,4-Dimethylphenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
51-28-5	2,4-Dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
121-14-2	2,4-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
606-20-2	2,6-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
91-58-7	2-Chloronaphthalene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
95-57-8	2-Chlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
91-57-6	2-Methylnaphthalene	3.5		mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
95-48-7	2-Methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
88-74-4	2-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
88-75-5	2-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
99-09-2	3-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
106-47-8	4-Chloroaniline	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
100-01-6	4-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
100-02-7	4-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
83-32-9	Acenaphthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
208-96-8	Acenaphthylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
98-86-2	Acetophenone	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
120-12-7	Anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
1912-24-9	Atrazine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC12-B** **Lab ID:** **E104009-14**
Station ID: **HERC12** **Matrix:** **Waste**

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
56-55-3	Benzo(a)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
50-32-8	Benzo(a)pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
85-68-7	Benzyl butyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
105-60-2	Caprolactam	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
86-74-8	Carbazole	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
218-01-9	Chrysene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
132-64-9	Dibenzofuran	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
84-66-2	Diethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
131-11-3	Dimethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
84-74-2	Di-n-butylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
117-84-0	Di-n-octylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
206-44-0	Fluoranthene	9.5		mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
86-73-7	Fluorene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
87-68-3	Hexachlorobutadiene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
67-72-1	Hexachloroethane	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
78-59-1	Isophorone	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
91-20-3	Naphthalene	3.9		mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
98-95-3	Nitrobenzene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B **Lab ID: E104009-14**

Station ID: HERC12 **Matrix: Waste**

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
87-86-5	Pentachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
85-01-8	Phenanthrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
108-95-2	Phenol	15	J, Q-2	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
129-00-0	Pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
110-86-1	Pyridine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
Tentatively Identified Compounds:								
R4-6531	Camphene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	500	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	3000	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000906	Methyl(methylethyl)cyclohexene (TIC)	80	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000466	Propylphenol (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-6501	Unidentified Compounds	1000	J	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC12-B** **Lab ID:** **E104009-14**
Station ID: **HERC12** **Matrix:** **Waste**

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	18 J, Q-2	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
92-52-4	1,1-Biphenyl	1500	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
120-83-2	2,4-Dichlorophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
105-67-9	2,4-Dimethylphenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
51-28-5	2,4-Dinitrophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
91-58-7	2-Chloronaphthalene	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
95-57-8	2-Chlorophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
91-57-6	2-Methylnaphthalene	4.1	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
95-48-7	2-Methylphenol	4.0 J, Q-2	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
88-74-4	2-Nitroaniline	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
88-75-5	2-Nitrophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
99-09-2	3-Nitroaniline	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
106-47-8	4-Chloroaniline	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
100-01-6	4-Nitroaniline	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
100-02-7	4-Nitrophenol	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
83-32-9	Acenaphthene	2.4 U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
208-96-8	Acenaphthylene	2.4 U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
98-86-2	Acetophenone	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
120-12-7	Anthracene	2.4 U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
1912-24-9	Atrazine	24 U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
5-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
206-44-0	Fluoranthene	7.0		mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
1-20-3	Naphthalene	5.2		mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
8-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D

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Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B
Station ID: HERC13
Lab ID: E104009-15
Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
108-95-2	Phenol	28		mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
129-00-0	Pyrene	3.1		mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
Tentatively Identified Compounds:								
R4-6552	(Menthenol)terpineol (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6531	Camphene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	5000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	7000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	4000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000906	Methyl(methylethyl)cyclohexene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6520	Pinene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000466	Propylphenol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D

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TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:	NA-5			0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

November 8, 2010

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 10-0629, Hercules Inc
Civil Enforcement

FROM: Kristin Trapp
OCS Chemist

THRU: Sallie Hale, Chief
ASB Organic Chemistry Section

TO: Sharon Matthews

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are representative only of the samples as received by the laboratory.

Analyses Included in this report:	Method Used:
TCLP Volatiles (TCLPV)	
Toxicity Characteristic Leaching Procedure	EPA 1311
Volatile organic compounds	EPA 8260C
Volatile Organics (VOA)	
Volatile organic compounds	EPA 8260C

Sample Disposal Policy

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

SAMPLES INCLUDED IN THIS REPORT

Project: 10-0629, Hercules Inc

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
ERB01	E104009-01	Equipment Rinse Blank	9/23/10 13:30	10/1/10 8:35
HERC01-A	E104009-03	Waste	9/28/10 10:10	10/1/10 8:35
HERC02-B	E104009-04	Waste	9/28/10 10:55	10/1/10 8:35
HERC03-B	E104009-05	Waste	9/28/10 13:15	10/1/10 8:35
HERC04-B	E104009-06	Waste	9/28/10 13:50	10/1/10 8:35
HERC05-A	E104009-07	Waste	9/28/10 14:05	10/1/10 8:35
HERC06-B	E104009-08	Waste	9/28/10 14:55	10/1/10 8:35
HERC07-B	E104009-09	Waste	9/28/10 15:25	10/1/10 8:35
HERC08	E104009-10	Waste	9/29/10 08:50	10/1/10 8:35
HERC09-B	E104009-11	Waste	9/29/10 14:20	10/1/10 8:35
HERC10-B	E104009-12	Waste	9/29/10 14:15	10/1/10 8:35
HERC11-B	E104009-13	Waste	9/29/10 14:30	10/1/10 8:35
HERC12-B	E104009-14	Waste	9/29/10 14:50	10/1/10 8:35
HERC13-B	E104009-15	Waste	9/29/10 15:10	10/1/10 8:35

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
D-4	MRL elevated due to interferences.
H-8	Recommended analytical holding time exceeded
J	The identification of the analyte is acceptable; the reported value is an estimate.
NA-5	Not Analyzed. Cannot exceed TCLP regulatory levels based on Total Scan analyses.
NJ	Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value.
O-2	Result greater than MDL but less than MRL.
OC-1	Analyte concentration low in continuing calibration verification standard
OL-1	Laboratory Control Spike Recovery less than method control limits
OL-3	Laboratory Control Spike Precision outside method control limits
OR-1	MRL verification recovery less than lower control limits.

ACRONYMS AND ABBREVIATIONS

CAS — Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

MDL — Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.

MRL — Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.

TIC — Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01 **Lab ID:** E104009-01

Station ID: **Matrix:** Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
9-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
5-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C

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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **ERB01** **Lab ID:** **E104009-01**

Station ID: **Matrix:** **Equipment Rinse Blank**

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	2.0 U	ug/L	2.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-15-0	Carbon disulfide	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
56-23-5	Carbon Tetrachloride	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-90-7	Chlorobenzene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-00-3	Chloroethane	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
67-66-3	Chloroform	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
74-87-3	Chloromethane	0.50 U, J, QC-1	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
110-82-7	Cyclohexane	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
124-48-1	Dibromochloromethane	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
74-95-3	Dibromomethane	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50 U, J, QC-1	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
100-41-4	Ethyl Benzene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
87-68-3	Hexachlorobutadiene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
98-82-8	Isopropylbenzene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
79-20-9	Methyl Acetate	1.0 U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.0 U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.0 U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.0 U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-87-2	Methylcyclohexane	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-09-2	Methylene Chloride	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
104-51-8	n-Butylbenzene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
103-65-1	n-Propylbenzene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
95-49-8	o-Chlorotoluene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
95-47-6	o-Xylene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
106-43-4	p-Chlorotoluene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
99-87-6	p-Isopropyltoluene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
135-98-8	sec-Butylbenzene	0.50 U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
100-42-5	Styrene	2.0 U	ug/L	2.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **ERB01** **Lab ID:** **E104009-01**

Station ID: **Matrix:** **Equipment Rinse Blank**

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U, J, QL-1	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	10/04/10 9:32	10/04/10 12:10	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **ERB01** **Lab ID:** **E104009-01**

Station ID: **Matrix:** **Equipment Rinse Blank**

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:	NA-5			0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C

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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A
Station ID: HERC01
Lab ID: E104009-03
Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	5.1 J, Q-2	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
71-55-6	1,1,1-Trichloroethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
9-00-5	1,1,2-Trichloroethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-34-3	1,1-Dichloroethane	9.8 U, J, QL-1	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
563-58-6	1,1-Dichloropropene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
96-18-4	1,2,3-Trichloropropane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	3.9 J, Q-2, QR-1	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	20 U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
95-50-1	1,2-Dichlorobenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
107-06-2	1,2-Dichloroethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
78-87-5	1,2-Dichloropropane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
541-73-1	1,3-Dichlorobenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
142-28-9	1,3-Dichloropropane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
106-46-7	1,4-Dichlorobenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
594-20-7	2,2-Dichloropropane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
67-64-1	Acetone	78 U	mg/kg	78	10/06/10 12:10	10/07/10 15:08	EPA 8260C
71-43-2	Benzene	18	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-86-1	Bromobenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
74-97-5	Bromochloromethane	9.8 U, J, QL-1	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
5-27-4	Bromodichloromethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-25-2	Bromoform	20 U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A
Station ID: HERC01
Lab ID: E104009-03
Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	39 U	mg/kg	39	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-15-0	Carbon disulfide	5.3 J, Q-2	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
56-23-5	Carbon Tetrachloride	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-90-7	Chlorobenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-00-3	Chloroethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
67-66-3	Chloroform	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
74-87-3	Chloromethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
110-82-7	Cyclohexane	110	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
124-48-1	Dibromochloromethane	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
74-95-3	Dibromomethane	9.8 U, J, QL-1	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
100-41-4	Ethyl Benzene	2.4 J, Q-2	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
87-68-3	Hexachlorobutadiene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
98-82-8	Isopropylbenzene	16 U, D-4	mg/kg	16	10/06/10 12:10	10/07/10 15:08	EPA 8260C
79-20-9	Methyl Acetate	20 U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
591-78-6	Methyl Butyl Ketone	20 U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
78-93-3	Methyl Ethyl Ketone	20 U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	20 U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-87-2	Methylcyclohexane	6.9 J, Q-2	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-09-2	Methylene Chloride	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
104-51-8	n-Butylbenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
103-65-1	n-Propylbenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
95-49-8	o-Chlorotoluene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
95-47-6	o-Xylene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
106-43-4	p-Chlorotoluene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
99-87-6	p-Isopropyltoluene	1100	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
135-98-8	sec-Butylbenzene	9.8 U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
100-42-5	Styrene	39 U	mg/kg	39	10/06/10 12:10	10/07/10 15:08	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC01-A** **Lab ID:** **E104009-03**
Station ID: **HERC01** **Matrix:** **Waste**

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-88-3	Toluene	7100		mg/kg	49	10/06/10 12:10	10/08/10 13:10	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
5-69-4	Trichlorofluoromethane (Freon 11)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-01-4	Vinyl chloride	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	200	U	mg/kg	200	10/06/10 12:10	10/07/10 15:08	EPA 8260C

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC01-A** **Lab ID:** **E104009-03**
Station ID: **HERC01** **Matrix:** **Waste**

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
107-06-2	1,2-Dichloroethane	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
71-43-2	Benzene	0.21		mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
56-23-5	Carbon Tetrachloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
108-90-7	Chlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
67-66-3	Chloroform	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
87-68-3	Hexachlorobutadiene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.20	U	mg/L	0.20	10/13/10 15:00	10/13/10 15:23	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
75-01-4	Vinyl chloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC02-B** **Lab ID:** **E104009-04**
Station ID: **HERC02** **Matrix:** **Waste**

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	7.0	J, Q-2, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	50	U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
95-50-1	1,2-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 15:34	EPA 8260C
71-43-2	Benzene	37		mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-25-2	Bromoform	50	U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC02-B** **Lab ID:** **E104009-04**
Station ID: **HERC02** **Matrix:** **Waste**

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100 U	mg/kg	100	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-15-0	Carbon disulfide	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
56-23-5	Carbon Tetrachloride	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-90-7	Chlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-00-3	Chloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
67-66-3	Chloroform	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
74-87-3	Chloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
110-82-7	Cyclohexane	190	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
124-48-1	Dibromochloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
74-95-3	Dibromomethane	25 U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
100-41-4	Ethyl Benzene	6.5 J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
87-68-3	Hexachlorobutadiene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
98-82-8	Isopropylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
79-20-9	Methyl Acetate	50 U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
591-78-6	Methyl Butyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
78-93-3	Methyl Ethyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-87-2	Methylcyclohexane	17 J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-09-2	Methylene Chloride	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
104-51-8	n-Butylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
103-65-1	n-Propylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
95-49-8	o-Chlorotoluene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
95-47-6	o-Xylene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
106-43-4	p-Chlorotoluene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
99-87-6	p-Isopropyltoluene	1700	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
135-98-8	sec-Butylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
100-42-5	Styrene	100 U	mg/kg	100	10/06/10 12:10	10/07/10 15:34	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC02-B** **Lab ID:** **E104009-04**
Station ID: **HERC02** **Matrix:** **Waste**

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-88-3	Toluene	16000		mg/kg	120	10/06/10 12:10	10/08/10 13:36	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
5-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 15:34	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC02-B** **Lab ID:** **E104009-04**
Station ID: **HERC02** **Matrix:** **Waste**

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
107-06-2	1,2-Dichloroethane	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
71-43-2	Benzene	0.62 J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
56-23-5	Carbon Tetrachloride	0.12 U, J, H-8, QL-3	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
108-90-7	Chlorobenzene	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
67-66-3	Chloroform	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
87-68-3	Hexachlorobutadiene	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.25 U, J, H-8	mg/L	0.25	10/21/10 15:00	10/21/10 18:30	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
75-01-4	Vinyl chloride	0.12 U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC03-B** **Lab ID:** **E104009-05**
Station ID: **HERC03** **Matrix:** **Waste**

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.76	J, Q-2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
9-00-5	1,1,2-Trichloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-34-3	1,1-Dichloroethane	0.97	U, J, QL-1	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
563-58-6	1,1-Dichloropropene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	2.1		mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.9	U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
107-06-2	1,2-Dichloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
78-87-5	1,2-Dichloropropane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
142-28-9	1,3-Dichloropropane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
594-20-7	2,2-Dichloropropane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
67-64-1	Acetone	7.8	U	mg/kg	7.8	10/06/10 12:10	10/08/10 16:38	EPA 8260C
71-43-2	Benzene	3.4		mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-86-1	Bromobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
74-97-5	Bromochloromethane	0.97	U, J, QL-1	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
5-27-4	Bromodichloromethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-25-2	Bromoform	1.9	U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B **Lab ID: E104009-05**
Station ID: HERC03 **Matrix: Waste**

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	39 U	mg/kg	39	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-15-0	Carbon disulfide	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
56-23-5	Carbon Tetrachloride	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-90-7	Chlorobenzene	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-00-3	Chloroethane	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
67-66-3	Chloroform	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
4-87-3	Chloromethane	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
110-82-7	Cyclohexane	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
124-48-1	Dibromochloromethane	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
74-95-3	Dibromomethane	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
100-41-4	Ethyl Benzene	0.62 J, Q-2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
87-68-3	Hexachlorobutadiene	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
98-82-8	Isopropylbenzene	3.9 U, D-4	mg/kg	3.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
79-20-9	Methyl Acetate	0.72 J, Q-2	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.9 U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.9 U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.9 U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-87-2	Methylcyclohexane	8.6	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-09-2	Methylene Chloride	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
104-51-8	n-Butylbenzene	1.2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
103-65-1	n-Propylbenzene	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
95-49-8	o-Chlorotoluene	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
95-47-6	o-Xylene	0.50 J, Q-2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
106-43-4	p-Chlorotoluene	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
9-87-6	p-Isopropyltoluene	420	mg/kg	9.7	10/06/10 12:10	10/07/10 14:42	EPA 8260C
135-98-8	sec-Butylbenzene	0.97 U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
100-42-5	Styrene	39 U	mg/kg	39	10/06/10 12:10	10/08/10 16:38	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC03-B** **Lab ID:** **E104009-05**
Station ID: **HERC03** **Matrix:** **Waste**

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	1.4		mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-88-3	Toluene	0.82	J, Q-2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-01-4	Vinyl chloride	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
Tentatively Identified Compounds:								
R4-8000739	Dimethyloctane (TIC)	40	NJ	mg/kg		10/06/10 12:10	10/08/10 16:38	EPA 8260C
R4-8000896	Ethylmethylcyclohexane (TIC)	20	NJ	mg/kg		10/06/10 12:10	10/08/10 16:38	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC03-B** **Lab ID:** **E104009-05**

Station ID: **HERC03** **Matrix:** **Waste**

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:	NA-5			0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B **Lab ID: E104009-06**
Station ID: HERC04 **Matrix: Waste**

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	5.8 J, Q-2	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
71-55-6	1,1,1-Trichloroethane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
9-00-5	1,1,2-Trichloroethane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-34-3	1,1-Dichloroethane	10 U, J, QL-1	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
563-58-6	1,1-Dichloropropene	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
96-18-4	1,2,3-Trichloropropane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	4.6 J, Q-2, QR-1	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	20 U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
95-50-1	1,2-Dichlorobenzene	25	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
107-06-2	1,2-Dichloroethane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
78-87-5	1,2-Dichloropropane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
541-73-1	1,3-Dichlorobenzene	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
142-28-9	1,3-Dichloropropane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
106-46-7	1,4-Dichlorobenzene	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
594-20-7	2,2-Dichloropropane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
67-64-1	Acetone	80 U	mg/kg	80	10/06/10 12:10	10/07/10 16:26	EPA 8260C
71-43-2	Benzene	19	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-86-1	Bromobenzene	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
74-97-5	Bromochloromethane	10 U, J, QL-1	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
5-27-4	Bromodichloromethane	10 U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-25-2	Bromoform	20 U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B **Lab ID: E104009-06**
Station ID: HERC04 **Matrix: Waste**

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	40	U	mg/kg	40	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-15-0	Carbon disulfide	5.6	J, Q-2	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
56-23-5	Carbon Tetrachloride	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-90-7	Chlorobenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-00-3	Chloroethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
67-66-3	Chloroform	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
74-87-3	Chloromethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
110-82-7	Cyclohexane	910		mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
124-48-1	Dibromochloromethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
74-95-3	Dibromomethane	10	U, J, QL-1	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
100-41-4	Ethyl Benzene	2.2	J, Q-2	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
87-68-3	Hexachlorobutadiene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
98-82-8	Isopropylbenzene	44	U, D-4	mg/kg	44	10/06/10 12:10	10/07/10 16:26	EPA 8260C
79-20-9	Methyl Acetate	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
591-78-6	Methyl Butyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
78-93-3	Methyl Ethyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-87-2	Methylcyclohexane	20		mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-09-2	Methylene Chloride	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
104-51-8	n-Butylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
103-65-1	n-Propylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
95-49-8	o-Chlorotoluene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
95-47-6	o-Xylene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
106-43-4	p-Chlorotoluene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
99-87-6	p-Isopropyltoluene	3500		mg/kg	50	10/06/10 12:10	10/08/10 14:28	EPA 8260C
135-98-8	sec-Butylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
100-42-5	Styrene	40	U	mg/kg	40	10/06/10 12:10	10/07/10 16:26	EPA 8260C

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC04-B** **Lab ID:** **E104009-06**
Station ID: **HERC04** **Matrix:** **Waste**

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-88-3	Toluene	3000		mg/kg	50	10/06/10 12:10	10/08/10 14:28	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-01-4	Vinyl chloride	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	200	U	mg/kg	200	10/06/10 12:10	10/07/10 16:26	EPA 8260C

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TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC04-B** **Lab ID:** **E104009-06**
Station ID: **HERC04** **Matrix:** **Waste**

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
107-06-2	1,2-Dichloroethane	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
71-43-2	Benzene	0.22		mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
56-23-5	Carbon Tetrachloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
108-90-7	Chlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
67-66-3	Chloroform	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
87-68-3	Hexachlorobutadiene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.20	U	mg/L	0.20	10/13/10 15:00	10/13/10 16:19	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
75-01-4	Vinyl chloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC05-A** **Lab ID:** **E104009-07**
Station ID: **HERC05** **Matrix:** **Waste**

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	4.6	J, Q-2	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
71-55-6	1,1,1-Trichloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
79-00-5	1,1,2-Trichloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-34-3	1,1-Dichloroethane	9.9	U, J, QL-1	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
563-58-6	1,1-Dichloropropene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
96-18-4	1,2,3-Trichloropropane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	4.0	J, Q-2, QR-1	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
95-50-1	1,2-Dichlorobenzene	6.3	J, Q-2	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
107-06-2	1,2-Dichloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
78-87-5	1,2-Dichloropropane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
541-73-1	1,3-Dichlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
142-28-9	1,3-Dichloropropane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
106-46-7	1,4-Dichlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
594-20-7	2,2-Dichloropropane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
67-64-1	Acetone	79	U	mg/kg	79	10/06/10 12:10	10/07/10 16:52	EPA 8260C
71-43-2	Benzene	14		mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-86-1	Bromobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
74-97-5	Bromochloromethane	9.9	U, J, QL-1	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-27-4	Bromodichloromethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-25-2	Bromoform	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A
Station ID: HERC05
Lab ID: E104009-07
Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	40	U	mg/kg	40	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-15-0	Carbon disulfide	3.6	J, Q-2	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
56-23-5	Carbon Tetrachloride	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-90-7	Chlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-00-3	Chloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
67-66-3	Chloroform	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
4-87-3	Chloromethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
110-82-7	Cyclohexane	420		mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
124-48-1	Dibromochloromethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
74-95-3	Dibromomethane	9.9	U, J, QL-1	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
100-41-4	Ethyl Benzene	2.6	J, Q-2	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
87-68-3	Hexachlorobutadiene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
98-82-8	Isopropylbenzene	28	U, D-4	mg/kg	28	10/06/10 12:10	10/07/10 16:52	EPA 8260C
79-20-9	Methyl Acetate	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
591-78-6	Methyl Butyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
78-93-3	Methyl Ethyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	4.6	J, Q-2	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-87-2	Methylcyclohexane	22		mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-09-2	Methylene Chloride	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
104-51-8	n-Butylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
103-65-1	n-Propylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
95-49-8	o-Chlorotoluene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
95-47-6	o-Xylene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
106-43-4	p-Chlorotoluene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
9-87-6	p-Isopropyltoluene	3500		mg/kg	50	10/06/10 12:10	10/08/10 14:54	EPA 8260C
135-98-8	sec-Butylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
100-42-5	Styrene	40	U	mg/kg	40	10/06/10 12:10	10/07/10 16:52	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC05-A** **Lab ID:** **E104009-07**
Station ID: **HERC05** **Matrix:** **Waste**

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-88-3	Toluene	5300		mg/kg	50	10/06/10 12:10	10/08/10 14:54	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-01-4	Vinyl chloride	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	200	U	mg/kg	200	10/06/10 12:10	10/07/10 16:52	EPA 8260C

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TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC05-A** **Lab ID:** **E104009-07**
Station ID: **HERC05** **Matrix:** **Waste**

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
107-06-2	1,2-Dichloroethane	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
71-43-2	Benzene	0.23		mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
56-23-5	Carbon Tetrachloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
108-90-7	Chlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
67-66-3	Chloroform	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
87-68-3	Hexachlorobutadiene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.20	U	mg/L	0.20	10/13/10 15:00	10/13/10 16:45	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
75-01-4	Vinyl chloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC06-B** **Lab ID:** **E104009-08**
Station ID: **HERC06** **Matrix:** **Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
71-55-6	1,1,1-Trichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
9-00-5	1,1,2-Trichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-34-3	1,1-Dichloroethane	1.0	U, J, QL-1	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
563-58-6	1,1-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
96-18-4	1,2,3-Trichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.40	J, Q-2	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
95-50-1	1,2-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
107-06-2	1,2-Dichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
78-87-5	1,2-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
541-73-1	1,3-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
142-28-9	1,3-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
106-46-7	1,4-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
594-20-7	2,2-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
67-64-1	Acetone	8.0	U	mg/kg	8.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
71-43-2	Benzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-86-1	Bromobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
74-97-5	Bromochloromethane	1.0	U, J, QL-1	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
5-27-4	Bromodichloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-25-2	Bromoform	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C

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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B **Lab ID: E104009-08**
Station ID: HERC06 **Matrix: Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	40 U	mg/kg	40	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-15-0	Carbon disulfide	0.42 J, Q-2	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
56-23-5	Carbon Tetrachloride	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-90-7	Chlorobenzene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-00-3	Chloroethane	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
67-66-3	Chloroform	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
4-87-3	Chloromethane	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
110-82-7	Cyclohexane	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
124-48-1	Dibromochloromethane	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
74-95-3	Dibromomethane	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
100-41-4	Ethyl Benzene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
87-68-3	Hexachlorobutadiene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
98-82-8	Isopropylbenzene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
79-20-9	Methyl Acetate	2.0 U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
591-78-6	Methyl Butyl Ketone	2.0 U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
78-93-3	Methyl Ethyl Ketone	2.0 U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	2.0 U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-87-2	Methylcyclohexane	0.24 J, Q-2	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-09-2	Methylene Chloride	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
104-51-8	n-Butylbenzene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
103-65-1	n-Propylbenzene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
95-49-8	o-Chlorotoluene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
95-47-6	o-Xylene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
106-43-4	p-Chlorotoluene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
9-87-6	p-Isopropyltoluene	38	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
135-98-8	sec-Butylbenzene	1.0 U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
100-42-5	Styrene	40 U	mg/kg	40	10/06/10 12:10	10/08/10 16:12	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC06-B** **Lab ID:** **E104009-08**
Station ID: **HERC06** **Matrix:** **Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-88-3	Toluene	280		mg/kg	10	10/06/10 12:10	10/07/10 14:16	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-01-4	Vinyl chloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	20	U	mg/kg	20	10/06/10 12:10	10/08/10 16:12	EPA 8260C

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC06-B** **Lab ID:** **E104009-08**
Station ID: **HERC06** **Matrix:** **Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:	NA-5			0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC07-B** **Lab ID:** **E104009-09**
Station ID: **HERC07** **Matrix:** **Waste**

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	2.9		mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
71-55-6	1,1,1-Trichloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
79-00-5	1,1,2-Trichloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-34-3	1,1-Dichloroethane	2.4	U, J, QL-1	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
563-58-6	1,1-Dichloropropene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
96-18-4	1,2,3-Trichloropropane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	1.3	J, Q-2	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
95-50-1	1,2-Dichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
107-06-2	1,2-Dichloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
78-87-5	1,2-Dichloropropane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
541-73-1	1,3-Dichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
142-28-9	1,3-Dichloropropane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
106-46-7	1,4-Dichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
594-20-7	2,2-Dichloropropane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
67-64-1	Acetone	19	U	mg/kg	19	10/06/10 12:10	10/08/10 17:04	EPA 8260C
71-43-2	Benzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-86-1	Bromobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
74-97-5	Bromochloromethane	2.4	U, J, QL-1	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-27-4	Bromodichloromethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-25-2	Bromoform	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC07-B** **Lab ID:** **E104009-09**
Station ID: **HERC07** **Matrix:** **Waste**

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	97	U	mg/kg	97	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-15-0	Carbon disulfide	0.78	J, Q-2	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
56-23-5	Carbon Tetrachloride	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-90-7	Chlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-00-3	Chloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
67-66-3	Chloroform	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
4-87-3	Chloromethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
110-82-7	Cyclohexane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
124-48-1	Dibromochloromethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
74-95-3	Dibromomethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
100-41-4	Ethyl Benzene	0.92	J, Q-2	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
87-68-3	Hexachlorobutadiene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
98-82-8	Isopropylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
79-20-9	Methyl Acetate	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
591-78-6	Methyl Butyl Ketone	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
78-93-3	Methyl Ethyl Ketone	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-87-2	Methylcyclohexane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-09-2	Methylene Chloride	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
104-51-8	n-Butylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
103-65-1	n-Propylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
95-49-8	o-Chlorotoluene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
95-47-6	o-Xylene	0.73	J, Q-2	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
106-43-4	p-Chlorotoluene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
9-87-6	p-Isopropyltoluene	170		mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
135-98-8	sec-Butylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
100-42-5	Styrene	97	U	mg/kg	97	10/06/10 12:10	10/08/10 17:04	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC07-B** **Lab ID:** **E104009-09**
Station ID: **HERC07** **Matrix:** **Waste**

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-88-3	Toluene	1400		mg/kg	9.7	10/06/10 12:10	10/07/10 13:51	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
5-69-4	Trichlorofluoromethane (Freon 11)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-01-4	Vinyl chloride	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	50	U	mg/kg	50	10/06/10 12:10	10/08/10 17:04	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC07-B** **Lab ID:** **E104009-09**
Station ID: **HERC07** **Matrix:** **Waste**

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:		NA-5		0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C

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Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08 **Lab ID: E104009-10**
Station ID: HERC08 **Matrix: Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
71-55-6	1,1,1-Trichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
9-00-5	1,1,2-Trichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-34-3	1,1-Dichloroethane	1.0	U, J, QL-1	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
563-58-6	1,1-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
96-18-4	1,2,3-Trichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
95-50-1	1,2-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
107-06-2	1,2-Dichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
78-87-5	1,2-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
541-73-1	1,3-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
142-28-9	1,3-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
106-46-7	1,4-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
594-20-7	2,2-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
67-64-1	Acetone	8.0	U	mg/kg	8.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
71-43-2	Benzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-86-1	Bromobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
74-97-5	Bromochloromethane	1.0	U, J, QL-1	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
5-27-4	Bromodichloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-25-2	Bromoform	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08 **Lab ID: E104009-10**
Station ID: HERC08 **Matrix: Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	40	U	mg/kg	40	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-15-0	Carbon disulfide	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
56-23-5	Carbon Tetrachloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-90-7	Chlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-00-3	Chloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
67-66-3	Chloroform	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
74-87-3	Chloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
110-82-7	Cyclohexane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
124-48-1	Dibromochloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
74-95-3	Dibromomethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
100-41-4	Ethyl Benzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
87-68-3	Hexachlorobutadiene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
98-82-8	Isopropylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
79-20-9	Methyl Acetate	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
591-78-6	Methyl Butyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
78-93-3	Methyl Ethyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-87-2	Methylcyclohexane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-09-2	Methylene Chloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
104-51-8	n-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
103-65-1	n-Propylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
95-49-8	o-Chlorotoluene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
95-47-6	o-Xylene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
106-43-4	p-Chlorotoluene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
99-87-6	p-Isopropyltoluene	2.6		mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
135-98-8	sec-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
100-42-5	Styrene	40	U	mg/kg	40	10/06/10 12:10	10/08/10 15:20	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08 **Lab ID: E104009-10**
Station ID: HERC08 **Matrix: Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-88-3	Toluene	34		mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
5-69-4	Trichlorofluoromethane (Freon 11)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-01-4	Vinyl chloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	20	U	mg/kg	20	10/06/10 12:10	10/08/10 15:20	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC08** **Lab ID:** **E104009-10**
Station ID: **HERC08** **Matrix:** **Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:		NA-5		0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B **Lab ID: E104009-11**
Station ID: HERC09 **Matrix: Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	3.2		mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
71-55-6	1,1,1-Trichloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
9-00-5	1,1,2-Trichloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-34-3	1,1-Dichloroethane	2.5	U, J, QL-1	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
563-58-6	1,1-Dichloropropene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
96-18-4	1,2,3-Trichloropropane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	3.0		mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	5.0	U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
95-50-1	1,2-Dichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
107-06-2	1,2-Dichloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
78-87-5	1,2-Dichloropropane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
541-73-1	1,3-Dichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
142-28-9	1,3-Dichloropropane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
106-46-7	1,4-Dichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
594-20-7	2,2-Dichloropropane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
67-64-1	Acetone	20	U	mg/kg	20	10/06/10 12:10	10/08/10 17:30	EPA 8260C
71-43-2	Benzene	170		mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-86-1	Bromobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
74-97-5	Bromochloromethane	2.5	U, J, QL-1	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
5-27-4	Bromodichloromethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-25-2	Bromoform	5.0	U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC09-B** **Lab ID:** **E104009-11**
Station ID: **HERC09** **Matrix:** **Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100 U	mg/kg	100	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-15-0	Carbon disulfide	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
56-23-5	Carbon Tetrachloride	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-90-7	Chlorobenzene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-00-3	Chloroethane	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
67-66-3	Chloroform	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
74-87-3	Chloromethane	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
110-82-7	Cyclohexane	29	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
124-48-1	Dibromochloromethane	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
74-95-3	Dibromomethane	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
100-41-4	Ethyl Benzene	1.0 J, Q-2	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
87-68-3	Hexachlorobutadiene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
98-82-8	Isopropylbenzene	6.0 U, D-4	mg/kg	6.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
79-20-9	Methyl Acetate	5.0 U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
591-78-6	Methyl Butyl Ketone	5.0 U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
78-93-3	Methyl Ethyl Ketone	5.0 U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	5.0 U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-87-2	Methylcyclohexane	8.2	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-09-2	Methylene Chloride	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
104-51-8	n-Butylbenzene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
103-65-1	n-Propylbenzene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
95-49-8	o-Chlorotoluene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
95-47-6	o-Xylene	1.0 J, Q-2	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
106-43-4	p-Chlorotoluene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
99-87-6	p-Isopropyltoluene	610	mg/kg	25	10/06/10 12:10	10/07/10 17:17	EPA 8260C
135-98-8	sec-Butylbenzene	2.5 U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
100-42-5	Styrene	100 U	mg/kg	100	10/06/10 12:10	10/08/10 17:30	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC09-B** **Lab ID:** **E104009-11**
Station ID: **HERC09** **Matrix:** **Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-88-3	Toluene	1100		mg/kg	25	10/06/10 12:10	10/07/10 17:17	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-01-4	Vinyl chloride	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	50	U	mg/kg	50	10/06/10 12:10	10/08/10 17:30	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC09-B** **Lab ID:** **E104009-11**
Station ID: **HERC09** **Matrix:** **Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
107-06-2	1,2-Dichloroethane	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
71-43-2	Benzene	1.8		mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
56-23-5	Carbon Tetrachloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
108-90-7	Chlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
67-66-3	Chloroform	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
87-68-3	Hexachlorobutadiene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.50	U	mg/L	0.50	10/13/10 15:00	10/13/10 17:11	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
75-01-4	Vinyl chloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B** **Lab ID:** **E104009-12**
Station ID: **HERC10** **Matrix:** **Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
9-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	7.0	J, Q-2, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	50	U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
95-50-1	1,2-Dichlorobenzene	34		mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 17:43	EPA 8260C
71-43-2	Benzene	140		mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
5-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-25-2	Bromoform	50	U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B** **Lab ID:** **E104009-12**
Station ID: **HERC10** **Matrix:** **Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100 U	mg/kg	100	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-15-0	Carbon disulfide	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
56-23-5	Carbon Tetrachloride	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-90-7	Chlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-00-3	Chloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
67-66-3	Chloroform	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
4-87-3	Chloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
110-82-7	Cyclohexane	1500	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
124-48-1	Dibromochloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
74-95-3	Dibromomethane	25 U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
100-41-4	Ethyl Benzene	4.0 J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
87-68-3	Hexachlorobutadiene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
98-82-8	Isopropylbenzene	70 U, D-4	mg/kg	70	10/06/10 12:10	10/07/10 17:43	EPA 8260C
79-20-9	Methyl Acetate	50 U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
591-78-6	Methyl Butyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
78-93-3	Methyl Ethyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-87-2	Methylcyclohexane	12 J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-09-2	Methylene Chloride	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
104-51-8	n-Butylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
103-65-1	n-Propylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
95-49-8	o-Chlorotoluene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
95-47-6	o-Xylene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
106-43-4	p-Chlorotoluene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
9-87-6	p-Isopropyltoluene	3400	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
135-98-8	sec-Butylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
100-42-5	Styrene	100 U	mg/kg	100	10/06/10 12:10	10/07/10 17:43	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B** **Lab ID:** **E104009-12**
Station ID: **HERC10** **Matrix:** **Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-88-3	Toluene	3100		mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 17:43	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B **Lab ID: E104009-12**
Station ID: HERC10 **Matrix: Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
107-06-2	1,2-Dichloroethane	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
71-43-2	Benzene	2.2		mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
56-23-5	Carbon Tetrachloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
108-90-7	Chlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
67-66-3	Chloroform	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
87-68-3	Hexachlorobutadiene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.50	U	mg/L	0.50	10/13/10 15:00	10/13/10 17:37	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
75-01-4	Vinyl chloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC11-B** **Lab ID:** **E104009-13**
Station ID: **HERC11** **Matrix:** **Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	25	U, J, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 18:09	EPA 8260C
71-43-2	Benzene	77		mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-25-2	Bromoform	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC11-B** **Lab ID:** **E104009-13**
Station ID: **HERC11** **Matrix:** **Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	98	U	mg/kg	98	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-15-0	Carbon disulfide	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
56-23-5	Carbon Tetrachloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-90-7	Chlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-00-3	Chloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
67-66-3	Chloroform	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
4-87-3	Chloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
110-82-7	Cyclohexane	100		mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
124-48-1	Dibromochloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
74-95-3	Dibromomethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
100-41-4	Ethyl Benzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
98-82-8	Isopropylbenzene	26	U, D-4	mg/kg	26	10/06/10 12:10	10/07/10 18:09	EPA 8260C
79-20-9	Methyl Acetate	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
591-78-6	Methyl Butyl Ketone	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-87-2	Methylcyclohexane	7.4	J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-09-2	Methylene Chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
104-51-8	n-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
103-65-1	n-Propylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
95-49-8	o-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
95-47-6	o-Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
106-43-4	p-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
9-87-6	p-Isopropyltoluene	720		mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
135-98-8	sec-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
100-42-5	Styrene	98	U	mg/kg	98	10/06/10 12:10	10/07/10 18:09	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B **Lab ID: E104009-13**
Station ID: HERC11 **Matrix: Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-88-3	Toluene	2600		mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 18:09	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC11-B** **Lab ID:** **E104009-13**
Station ID: **HERC11** **Matrix:** **Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
107-06-2	1,2-Dichloroethane	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
71-43-2	Benzene	0.54 J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
56-23-5	Carbon Tetrachloride	0.025 U, J, H-8, QL-3	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
108-90-7	Chlorobenzene	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
67-66-3	Chloroform	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
87-68-3	Hexachlorobutadiene	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.050 U, J, H-8	mg/L	0.050	10/21/10 15:00	10/21/10 18:54	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
75-01-4	Vinyl chloride	0.025 U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC12-B** **Lab ID:** **E104009-14**
Station ID: **HERC12** **Matrix:** **Waste**

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-34-3	1,1-Dichloroethane	25 U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
563-58-6	1,1-Dichloropropene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	5.0 J, Q-2, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	50 U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
95-50-1	1,2-Dichlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
107-06-2	1,2-Dichloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
78-87-5	1,2-Dichloropropane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
142-28-9	1,3-Dichloropropane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
594-20-7	2,2-Dichloropropane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
67-64-1	Acetone	200 U	mg/kg	200	10/06/10 12:10	10/07/10 18:35	EPA 8260C
71-43-2	Benzene	440	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-86-1	Bromobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
74-97-5	Bromochloromethane	25 U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-27-4	Bromodichloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-25-2	Bromoform	50 U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC12-B** **Lab ID:** **E104009-14**
Station ID: **HERC12** **Matrix:** **Waste**

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100 U	mg/kg	100	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-15-0	Carbon disulfide	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
56-23-5	Carbon Tetrachloride	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-90-7	Chlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-00-3	Chloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
67-66-3	Chloroform	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
74-87-3	Chloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
110-82-7	Cyclohexane	48	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
124-48-1	Dibromochloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
74-95-3	Dibromomethane	25 U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
100-41-4	Ethyl Benzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
87-68-3	Hexachlorobutadiene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
98-82-8	Isopropylbenzene	47	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
79-20-9	Methyl Acetate	50 U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
591-78-6	Methyl Butyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
78-93-3	Methyl Ethyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-87-2	Methylcyclohexane	11 J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-09-2	Methylene Chloride	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
104-51-8	n-Butylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
103-65-1	n-Propylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
95-49-8	o-Chlorotoluene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
95-47-6	o-Xylene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
106-43-4	p-Chlorotoluene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
99-87-6	p-Isopropyltoluene	2400	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
135-98-8	sec-Butylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
100-42-5	Styrene	100 U	mg/kg	100	10/06/10 12:10	10/07/10 18:35	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC12-B** **Lab ID:** **E104009-14**
Station ID: **HERC12** **Matrix:** **Waste**

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-88-3	Toluene	160		mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 18:35	EPA 8260C

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TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC12-B** **Lab ID:** **E104009-14**
Station ID: **HERC12** **Matrix:** **Waste**

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
107-06-2	1,2-Dichloroethane	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
71-43-2	Benzene	1.8		mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
56-23-5	Carbon Tetrachloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
108-90-7	Chlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
67-66-3	Chloroform	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
87-68-3	Hexachlorobutadiene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.50	U	mg/L	0.50	10/13/10 15:00	10/13/10 18:29	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
75-01-4	Vinyl chloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C

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Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	5.5	J, Q-2, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	50	U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
95-50-1	1,2-Dichlorobenzene	31		mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 19:01	EPA 8260C
71-43-2	Benzene	390		mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-25-2	Bromoform	50	U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100 U	mg/kg	100	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-15-0	Carbon disulfide	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
56-23-5	Carbon Tetrachloride	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-90-7	Chlorobenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-00-3	Chloroethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
67-66-3	Chloroform	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
74-87-3	Chloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
110-82-7	Cyclohexane	870	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
124-48-1	Dibromochloromethane	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
74-95-3	Dibromomethane	25 U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
100-41-4	Ethyl Benzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
87-68-3	Hexachlorobutadiene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
98-82-8	Isopropylbenzene	330 U, D-4	mg/kg	330	10/06/10 12:10	10/07/10 19:01	EPA 8260C
79-20-9	Methyl Acetate	50 U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
591-78-6	Methyl Butyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
78-93-3	Methyl Ethyl Ketone	50 U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	11 J, Q-2	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-87-2	Methylcyclohexane	10 J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-09-2	Methylene Chloride	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
104-51-8	n-Butylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
103-65-1	n-Propylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
95-49-8	o-Chlorotoluene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
95-47-6	o-Xylene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
106-43-4	p-Chlorotoluene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
99-87-6	p-Isopropyltoluene	3100	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
135-98-8	sec-Butylbenzene	25 U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
100-42-5	Styrene	100 U	mg/kg	100	10/06/10 12:10	10/07/10 19:01	EPA 8260C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
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Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-88-3	Toluene	3400		mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
5-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 19:01	EPA 8260C

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TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
107-06-2	1,2-Dichloroethane	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
71-43-2	Benzene	3.6		mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
56-23-5	Carbon Tetrachloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
108-90-7	Chlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
67-66-3	Chloroform	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
87-68-3	Hexachlorobutadiene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.50	U	mg/L	0.50	10/13/10 15:00	10/13/10 18:54	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
75-01-4	Vinyl chloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C

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Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

January 4, 2011

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 10-0629, Hercules Inc
Civil Enforcement

FROM: Jenny Scifres
ASB Inorganic Chemistry Section Chief

THRU: Gary Bennett, Chief
Analytical Support Branch

TO: Sharon Matthews

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are representative only of the samples as received by the laboratory.

Analyses Included in this report:	Method Used:
TCLP Metals (TCLPM)	
TCLP Metals	EPA 6010
Total Metals (TMTL)	
Total Metals	EPA 6010

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Report Narrative for Work Order E104009, Project: 10-0629
Tin not reported per Project Leader. There is tin in reagents used for digesting the samples.

Sample Disposal Policy

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

SAMPLES INCLUDED IN THIS REPORT

Project: 10-0629, Hercules Inc

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
ERB01	E104009-01	Equipment Rinse Blank	9/23/10 13:30	10/1/10 8:35
PB01	E104009-02	Preservative Blank	9/23/10 13:30	10/1/10 8:35
HERC01-A	E104009-03	Waste	9/28/10 10:10	10/1/10 8:35
HERC02-B	E104009-04	Waste	9/28/10 10:55	10/1/10 8:35
HERC03-B	E104009-05	Waste	9/28/10 13:15	10/1/10 8:35
HERC04-B	E104009-06	Waste	9/28/10 13:50	10/1/10 8:35
HERC05-A	E104009-07	Waste	9/28/10 14:05	10/1/10 8:35
HERC06-B	E104009-08	Waste	9/28/10 14:55	10/1/10 8:35
HERC07-B	E104009-09	Waste	9/28/10 15:25	10/1/10 8:35
HERC08	E104009-10	Waste	9/29/10 08:50	10/1/10 8:35
HERC09-B	E104009-11	Waste	9/29/10 14:20	10/1/10 8:35
HERC10-B	E104009-12	Waste	9/29/10 14:15	10/1/10 8:35
HERC11-B	E104009-13	Waste	9/29/10 14:30	10/1/10 8:35
HERC12-B	E104009-14	Waste	9/29/10 14:50	10/1/10 8:35
HERC13-B	E104009-15	Waste	9/29/10 15:10	10/1/10 8:35

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DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
J	The identification of the analyte is acceptable; the reported value is an estimate.
NA-5	Not Analyzed. Cannot exceed TCLP regulatory levels based on Total Scan analyses.
OM-1	Matrix Spike Recovery less than method control limits
OM-2	Matrix Spike Recovery greater than method control limits
OM-3	Matrix Spike Precision outside method control limits
OR-2	MRL verification recovery greater than upper control limits.

ACRONYMS AND ABBREVIATIONS

CAS Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

MDL Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.

MRL Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.

TIC Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: ERB01 **Lab ID:** E104009-01

Station ID: **Matrix:** Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	100	U	ug/L	100	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-36-0	Antimony	40	U	ug/L	40	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-38-2	Arsenic	50	U	ug/L	50	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-39-3	Barium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-41-7	Beryllium	3.0	U	ug/L	3.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-43-9	Cadmium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-70-2	Calcium	250	U	ug/L	250	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-47-3	Chromium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-48-4	Cobalt	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-50-8	Copper	10	U	ug/L	10	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-89-6	Iron	100	U	ug/L	100	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-92-1	Lead	20	U	ug/L	20	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-95-4	Magnesium	250	U	ug/L	250	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-96-5	Manganese	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-98-7	Molybdenum	10	U	ug/L	10	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-02-0	Nickel	10	U	ug/L	10	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-09-7	Potassium	1000	U	ug/L	1000	12/03/10 11:07	12/20/10 13:47	EPA 6010
7782-49-2	Selenium	45	U	ug/L	45	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-22-4	Silver	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-23-5	Sodium	1000	U	ug/L	1000	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-24-6	Strontium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-28-0	Thallium	30	U	ug/L	30	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-32-6	Titanium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-62-2	Vanadium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-65-5	Yttrium	3.0	U	ug/L	3.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-66-6	Zinc	10	U	ug/L	10	12/03/10 11:07	12/20/10 13:47	EPA 6010

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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **ERB01** **Lab ID:** **E104009-01**

Station ID: **Matrix:** **Equipment Rinse Blank**

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **PB01** **Lab ID:** **E104009-02**

Station ID: **Matrix:** **Preservative Blank**

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	100	U	ug/L	100	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-36-0	Antimony	40	U	ug/L	40	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-38-2	Arsenic	50	U	ug/L	50	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-39-3	Barium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-41-7	Beryllium	3.0	U	ug/L	3.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-43-9	Cadmium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-70-2	Calcium	250	U	ug/L	250	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-47-3	Chromium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-48-4	Cobalt	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-50-8	Copper	10	U	ug/L	10	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-89-6	Iron	100	U	ug/L	100	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-92-1	Lead	20	U	ug/L	20	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-95-4	Magnesium	250	U	ug/L	250	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-96-5	Manganese	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-98-7	Molybdenum	10	U	ug/L	10	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-02-0	Nickel	10	U	ug/L	10	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-09-7	Potassium	1000	U	ug/L	1000	12/03/10 11:07	12/20/10 14:08	EPA 6010
7782-49-2	Selenium	45	U	ug/L	45	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-22-4	Silver	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-23-5	Sodium	1000	U	ug/L	1000	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-24-6	Strontium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-28-0	Thallium	30	U	ug/L	30	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-32-6	Titanium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-62-2	Vanadium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-65-5	Yttrium	3.0	U	ug/L	3.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-66-6	Zinc	10	U	ug/L	10	12/03/10 11:07	12/20/10 14:08	EPA 6010

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Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: PB01 **Lab ID: E104009-02**

Station ID: **Matrix: Preservative Blank**

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC01-A** **Lab ID:** **E104009-03**
Station ID: **HERC01** **Matrix:** **Waste**

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6600	mg/kg	9.3	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-36-0	Antimony	3.7 U	mg/kg	3.7	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-38-2	Arsenic	4.7 U	mg/kg	4.7	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-39-3	Barium	18	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-41-7	Beryllium	0.28 U	mg/kg	0.28	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-43-9	Cadmium	0.47 U	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-70-2	Calcium	75 J, QM-2, QM-3	mg/kg	23	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-47-3	Chromium	24	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-48-4	Cobalt	7.9	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-50-8	Copper	69 J, QM-2, QM-3	mg/kg	0.93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-89-6	Iron	1200 J, QM-2	mg/kg	9.3	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-92-1	Lead	23	mg/kg	1.9	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-95-4	Magnesium	65	mg/kg	23	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-96-5	Manganese	4.6	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-98-7	Molybdenum	8.0	mg/kg	0.93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-02-0	Nickel	71 J, QM-2, QM-3	mg/kg	0.93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-09-7	Potassium	93 U	mg/kg	93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7782-49-2	Selenium	4.2 U	mg/kg	4.2	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-22-4	Silver	0.47 U	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-23-5	Sodium	170 J, QR-2	mg/kg	93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-24-6	Strontium	2.1	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-28-0	Thallium	2.8 U, J, QM-1	mg/kg	2.8	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-32-6	Titanium	32	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-62-2	Vanadium	4.3	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-65-5	Yttrium	0.58	mg/kg	0.28	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-66-6	Zinc	270 J, QM-2, QM-3	mg/kg	1.9	12/09/10 14:01	12/20/10 15:10	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC01-A** **Lab ID:** **E104009-03**
Station ID: **HERC01** **Matrix:** **Waste**

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC02-B** **Lab ID:** **E104009-04**
Station ID: **HERC02** **Matrix:** **Waste**

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	4900		mg/kg	9.8	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-38-2	Arsenic	4.9	U	mg/kg	4.9	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-39-3	Barium	18		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-43-9	Cadmium	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-70-2	Calcium	58		mg/kg	25	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-47-3	Chromium	11		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-48-4	Cobalt	14		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-50-8	Copper	44		mg/kg	0.98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-89-6	Iron	1600		mg/kg	9.8	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-92-1	Lead	60		mg/kg	2.0	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-95-4	Magnesium	45		mg/kg	25	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-96-5	Manganese	3.8		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-98-7	Molybdenum	3.1		mg/kg	0.98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-02-0	Nickel	120		mg/kg	0.98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-09-7	Potassium	98	U	mg/kg	98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7782-49-2	Selenium	4.4	U	mg/kg	4.4	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-22-4	Silver	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-23-5	Sodium	150	J, QR-2	mg/kg	98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-24-6	Strontium	1.6		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-32-6	Titanium	17		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-62-2	Vanadium	2.1		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-65-5	Yttrium	0.57		mg/kg	0.29	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-66-6	Zinc	120		mg/kg	2.0	12/09/10 14:01	12/20/10 15:33	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC02-B** **Lab ID:** **E104009-04**
Station ID: **HERC02** **Matrix:** **Waste**

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC03-B** **Lab ID:** **E104009-05**
Station ID: **HERC03** **Matrix:** **Waste**

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	5700		mg/kg	9.2	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-36-0	Antimony	3.7	U	mg/kg	3.7	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-38-2	Arsenic	4.6	U	mg/kg	4.6	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-39-3	Barium	21		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-41-7	Beryllium	0.27	U	mg/kg	0.27	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-43-9	Cadmium	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-70-2	Calcium	210		mg/kg	23	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-47-3	Chromium	7.7		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-48-4	Cobalt	2.9		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-50-8	Copper	29		mg/kg	0.92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-89-6	Iron	4300		mg/kg	9.2	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-92-1	Lead	9.1		mg/kg	1.8	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-95-4	Magnesium	230		mg/kg	23	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-96-5	Manganese	31		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-98-7	Molybdenum	0.92	U	mg/kg	0.92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-02-0	Nickel	80		mg/kg	0.92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-09-7	Potassium	180		mg/kg	92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7782-49-2	Selenium	4.1	U	mg/kg	4.1	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-22-4	Silver	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-23-5	Sodium	92	U	mg/kg	92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-24-6	Strontium	2.1		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-28-0	Thallium	2.7	U	mg/kg	2.7	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-32-6	Titanium	62		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-62-2	Vanadium	8.7		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-65-5	Yttrium	1.2		mg/kg	0.27	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-66-6	Zinc	68		mg/kg	1.8	12/09/10 14:01	12/20/10 15:41	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC03-B** **Lab ID:** **E104009-05**
Station ID: **HERC03** **Matrix:** **Waste**

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC04-B** **Lab ID:** **E104009-06**
Station ID: **HERC04** **Matrix:** **Waste**

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	5200		mg/kg	9.1	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-36-0	Antimony	3.6	U	mg/kg	3.6	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-38-2	Arsenic	6.4		mg/kg	4.6	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-39-3	Barium	27		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-41-7	Beryllium	0.27	U	mg/kg	0.27	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-43-9	Cadmium	0.46		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-70-2	Calcium	400		mg/kg	23	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-47-3	Chromium	29		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-48-4	Cobalt	14		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-50-8	Copper	100		mg/kg	0.91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-89-6	Iron	3400		mg/kg	9.1	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-92-1	Lead	26		mg/kg	1.8	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-95-4	Magnesium	76		mg/kg	23	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-96-5	Manganese	14		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-98-7	Molybdenum	4.0		mg/kg	0.91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-02-0	Nickel	200		mg/kg	0.91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-09-7	Potassium	96		mg/kg	91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7782-49-2	Selenium	4.1	U	mg/kg	4.1	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-22-4	Silver	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-23-5	Sodium	130	J, QR-2	mg/kg	91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-24-6	Strontium	6.1		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-28-0	Thallium	2.7	U	mg/kg	2.7	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-32-6	Titanium	42		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-62-2	Vanadium	5.6		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-65-5	Yttrium	0.99		mg/kg	0.27	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-66-6	Zinc	510		mg/kg	1.8	12/09/10 14:01	12/20/10 15:49	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC04-B** **Lab ID:** **E104009-06**
Station ID: **HERC04** **Matrix:** **Waste**

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC05-A** **Lab ID:** **E104009-07**

Station ID: **HERC05** **Matrix:** **Waste**

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	5100		mg/kg	9.7	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-38-2	Arsenic	5.6		mg/kg	4.9	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-39-3	Barium	35		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-43-9	Cadmium	0.49		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-70-2	Calcium	2000		mg/kg	24	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-47-3	Chromium	45		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-48-4	Cobalt	17		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-50-8	Copper	84		mg/kg	0.97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-89-6	Iron	4600		mg/kg	9.7	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-92-1	Lead	34		mg/kg	1.9	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-95-4	Magnesium	170		mg/kg	24	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-96-5	Manganese	32		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-98-7	Molybdenum	4.8		mg/kg	0.97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-02-0	Nickel	210		mg/kg	0.97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-09-7	Potassium	110		mg/kg	97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7782-49-2	Selenium	4.4	U	mg/kg	4.4	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-22-4	Silver	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-23-5	Sodium	460	J, QR-2	mg/kg	97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-24-6	Strontium	8.9		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-32-6	Titanium	51		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-62-2	Vanadium	6.6		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-65-5	Yttrium	1.1		mg/kg	0.29	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-66-6	Zinc	690		mg/kg	1.9	12/09/10 14:01	12/20/10 15:56	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC05-A** **Lab ID:** **E104009-07**

Station ID: **HERC05** **Matrix:** **Waste**

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC06-B** **Lab ID:** **E104009-08**

Station ID: **HERC06** **Matrix:** **Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	5800	mg/kg	9.9	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-36-0	Antimony	3.9 U, J, QM-1	mg/kg	3.9	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-38-2	Arsenic	4.9 U	mg/kg	4.9	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-39-3	Barium	100 J, QM-2	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-41-7	Beryllium	0.30 U	mg/kg	0.30	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-43-9	Cadmium	0.49 U	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-70-2	Calcium	5000	mg/kg	25	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-47-3	Chromium	20 J, QM-1	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-48-4	Cobalt	7.2	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-50-8	Copper	27 J, QM-1, QM-3	mg/kg	0.99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-89-6	Iron	4000 J, QM-2, QM-3	mg/kg	9.9	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-92-1	Lead	22	mg/kg	2.0	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-95-4	Magnesium	440 J, QM-2	mg/kg	25	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-96-5	Manganese	200 J, QM-2, QM-3	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-98-7	Molybdenum	21 J, QM-1	mg/kg	0.99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-02-0	Nickel	54 J, QM-2	mg/kg	0.99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-09-7	Potassium	160	mg/kg	99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7782-49-2	Selenium	4.4 U	mg/kg	4.4	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-22-4	Silver	0.49 U	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-23-5	Sodium	180 J, QR-2	mg/kg	99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-24-6	Strontium	34 J, QM-2	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-28-0	Thallium	3.0 U, J, QM-1	mg/kg	3.0	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-32-6	Titanium	56 J, QM-2	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-62-2	Vanadium	3.9	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-65-5	Yttrium	1.9	mg/kg	0.30	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-66-6	Zinc	500 J, QM-1, QM-3	mg/kg	2.0	12/09/10 14:01	12/20/10 16:04	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC06-B** **Lab ID:** **E104009-08**
Station ID: **HERC06** **Matrix:** **Waste**

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC07-B** **Lab ID:** **E104009-09**
Station ID: **HERC07** **Matrix:** **Waste**

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6700		mg/kg	9.5	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-36-0	Antimony	3.8	U	mg/kg	3.8	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-38-2	Arsenic	4.8	U	mg/kg	4.8	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-39-3	Barium	23		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-43-9	Cadmium	0.48		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-70-2	Calcium	710		mg/kg	24	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-47-3	Chromium	32		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-48-4	Cobalt	9.5		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-50-8	Copper	26		mg/kg	0.95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-89-6	Iron	5200		mg/kg	9.5	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-92-1	Lead	23		mg/kg	1.9	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-95-4	Magnesium	62		mg/kg	24	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-96-5	Manganese	37		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-98-7	Molybdenum	40		mg/kg	0.95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-02-0	Nickel	44		mg/kg	0.95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-09-7	Potassium	95	U	mg/kg	95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7782-49-2	Selenium	4.3	U	mg/kg	4.3	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-22-4	Silver	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-23-5	Sodium	130	J, QR-2	mg/kg	95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-24-6	Strontium	8.9		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-32-6	Titanium	22		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-62-2	Vanadium	2.8		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-65-5	Yttrium	1.7		mg/kg	0.29	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-66-6	Zinc	650		mg/kg	1.9	12/09/10 14:01	12/20/10 17:04	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC07-B** **Lab ID:** **E104009-09**
Station ID: **HERC07** **Matrix:** **Waste**

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC08** **Lab ID:** **E104009-10**
Station ID: **HERC08** **Matrix:** **Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	7900		mg/kg	9.6	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-38-2	Arsenic	4.8	U	mg/kg	4.8	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-39-3	Barium	61		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-43-9	Cadmium	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-70-2	Calcium	250		mg/kg	24	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-47-3	Chromium	20		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-48-4	Cobalt	2.7		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-50-8	Copper	17		mg/kg	0.96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-89-6	Iron	8300		mg/kg	9.6	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-92-1	Lead	24		mg/kg	1.9	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-95-4	Magnesium	240		mg/kg	24	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-96-5	Manganese	350		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-98-7	Molybdenum	37		mg/kg	0.96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-02-0	Nickel	8.2		mg/kg	0.96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-09-7	Potassium	210		mg/kg	96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7782-49-2	Selenium	4.3	U	mg/kg	4.3	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-22-4	Silver	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-23-5	Sodium	96	U	mg/kg	96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-24-6	Strontium	2.6		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-32-6	Titanium	98		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-62-2	Vanadium	18		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-65-5	Yttrium	2.7		mg/kg	0.29	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-66-6	Zinc	130		mg/kg	1.9	12/09/10 14:01	12/20/10 17:11	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC08 **Lab ID: E104009-10**
Station ID: HERC08 **Matrix: Waste**

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC09-B** **Lab ID:** **E104009-11**
Station ID: **HERC09** **Matrix:** **Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	7100		mg/kg	9.6	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-36-0	Antimony	3.8	U	mg/kg	3.8	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-38-2	Arsenic	4.8	U	mg/kg	4.8	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-39-3	Barium	23		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-43-9	Cadmium	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-70-2	Calcium	530		mg/kg	24	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-47-3	Chromium	20		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-48-4	Cobalt	10		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-50-8	Copper	110		mg/kg	0.96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-89-6	Iron	3500		mg/kg	9.6	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-92-1	Lead	25		mg/kg	1.9	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-95-4	Magnesium	160		mg/kg	24	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-96-5	Manganese	39		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-98-7	Molybdenum	13		mg/kg	0.96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-02-0	Nickel	150		mg/kg	0.96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-09-7	Potassium	160		mg/kg	96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7782-49-2	Selenium	4.3	U	mg/kg	4.3	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-22-4	Silver	1.0		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-23-5	Sodium	150	J, QR-2	mg/kg	96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-24-6	Strontium	4.6		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-32-6	Titanium	46		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-62-2	Vanadium	5.9		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-65-5	Yttrium	2.0		mg/kg	0.29	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-66-6	Zinc	220		mg/kg	1.9	12/09/10 14:01	12/20/10 17:19	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC09-B** **Lab ID:** **E104009-11**
Station ID: **HERC09** **Matrix:** **Waste**

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B** **Lab ID:** **E104009-12**
Station ID: **HERC10** **Matrix:** **Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6400		mg/kg	9.6	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-38-2	Arsenic	5.0		mg/kg	4.8	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-39-3	Barium	33		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-43-9	Cadmium	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-70-2	Calcium	2800		mg/kg	24	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-47-3	Chromium	26		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-48-4	Cobalt	14		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-50-8	Copper	210		mg/kg	0.96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-89-6	Iron	3200		mg/kg	9.6	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-92-1	Lead	23		mg/kg	1.9	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-95-4	Magnesium	200		mg/kg	24	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-96-5	Manganese	36		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-98-7	Molybdenum	6.4		mg/kg	0.96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-02-0	Nickel	340		mg/kg	0.96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-09-7	Potassium	220		mg/kg	96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7782-49-2	Selenium	4.3	U	mg/kg	4.3	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-22-4	Silver	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-23-5	Sodium	210	J, QR-2	mg/kg	96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-24-6	Strontium	7.3		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-32-6	Titanium	61		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-62-2	Vanadium	7.6		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-65-5	Yttrium	1.2		mg/kg	0.29	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-66-6	Zinc	570		mg/kg	1.9	12/09/10 14:01	12/20/10 17:27	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B **Lab ID: E104009-12**
Station ID: HERC10 **Matrix: Waste**

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B
Station ID: HERC11
Lab ID: E104009-13
Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	7000		mg/kg	9.8	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-38-2	Arsenic	4.9	U	mg/kg	4.9	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-39-3	Barium	23		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-43-9	Cadmium	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-70-2	Calcium	350		mg/kg	25	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-47-3	Chromium	25		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-48-4	Cobalt	10		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-50-8	Copper	93		mg/kg	0.98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-89-6	Iron	1900		mg/kg	9.8	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-92-1	Lead	23		mg/kg	2.0	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-95-4	Magnesium	170		mg/kg	25	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-96-5	Manganese	14		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-98-7	Molybdenum	4.0		mg/kg	0.98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-02-0	Nickel	140		mg/kg	0.98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-09-7	Potassium	160		mg/kg	98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7782-49-2	Selenium	4.4	U	mg/kg	4.4	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-22-4	Silver	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-23-5	Sodium	180	J, QR-2	mg/kg	98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-24-6	Strontium	4.2		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-32-6	Titanium	52		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-62-2	Vanadium	7.2		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-65-5	Yttrium	1.2		mg/kg	0.29	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-66-6	Zinc	270		mg/kg	2.0	12/09/10 14:01	12/20/10 17:34	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC11-B** **Lab ID:** **E104009-13**
Station ID: **HERC11** **Matrix:** **Waste**

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:	NA-5			1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:	NA-5			0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:	NA-5			0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:	NA-5			0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:	NA-5			0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:	NA-5			0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:	NA-5			0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B
Station ID: HERC12
Lab ID: E104009-14
Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6700		mg/kg	9.1	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-36-0	Antimony	3.7	U	mg/kg	3.7	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-38-2	Arsenic	4.6	U	mg/kg	4.6	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-39-3	Barium	30		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-41-7	Beryllium	0.27	U	mg/kg	0.27	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-43-9	Cadmium	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-70-2	Calcium	1200		mg/kg	23	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-47-3	Chromium	18		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-48-4	Cobalt	13		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-50-8	Copper	110		mg/kg	0.91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-89-6	Iron	4700		mg/kg	9.1	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-92-1	Lead	18		mg/kg	1.8	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-95-4	Magnesium	210		mg/kg	23	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-96-5	Manganese	36		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-98-7	Molybdenum	2.8		mg/kg	0.91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-02-0	Nickel	270		mg/kg	0.91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-09-7	Potassium	170		mg/kg	91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7782-49-2	Selenium	4.1	U	mg/kg	4.1	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-22-4	Silver	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-23-5	Sodium	240	J, QR-2	mg/kg	91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-24-6	Strontium	8.5		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-28-0	Thallium	2.7	U	mg/kg	2.7	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-32-6	Titanium	54		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-62-2	Vanadium	7.5		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-65-5	Yttrium	1.6		mg/kg	0.27	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-66-6	Zinc	370		mg/kg	1.8	12/09/10 14:01	12/20/10 17:42	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC12-B** **Lab ID:** **E104009-14**
Station ID: **HERC12** **Matrix:** **Waste**

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6800		mg/kg	9.1	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-36-0	Antimony	3.7 U		mg/kg	3.7	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-38-2	Arsenic	5.6		mg/kg	4.6	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-39-3	Barium	45		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-41-7	Beryllium	0.27 U		mg/kg	0.27	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-43-9	Cadmium	0.46 U		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-70-2	Calcium	1700		mg/kg	23	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-47-3	Chromium	36		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-48-4	Cobalt	21		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-50-8	Copper	210		mg/kg	0.91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-89-6	Iron	3100		mg/kg	9.1	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-92-1	Lead	36		mg/kg	1.8	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-95-4	Magnesium	150		mg/kg	23	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-96-5	Manganese	15		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-98-7	Molybdenum	5.6		mg/kg	0.91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-02-0	Nickel	490		mg/kg	0.91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-09-7	Potassium	190		mg/kg	91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7782-49-2	Selenium	4.1 U		mg/kg	4.1	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-22-4	Silver	0.46 U		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-23-5	Sodium	230 J	QR-2	mg/kg	91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-24-6	Strontium	8.9		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-28-0	Thallium	2.7 U		mg/kg	2.7	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-32-6	Titanium	76		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-62-2	Vanadium	9.0		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-65-5	Yttrium	1.2		mg/kg	0.27	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-66-6	Zinc	480		mg/kg	1.8	12/09/10 14:01	12/20/10 17:50	EPA 6010

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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: **HERC13-B** **Lab ID:** **E104009-15**
Station ID: **HERC13** **Matrix:** **Waste**

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010

END OF REPORT