Former Alexander Schmigel Site

HOOSICK FALLS, NEW YORK

Interim Remedial Measures Report

NYSDEC Site Number: 442002

Prepared for:

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Hoosick Falls, New York
NYSDEC Site Number: 442002

January 2013

Project No. 3410100975

This report was prepared by the staff of Amec under the supervision of the Scientist(s) whose signature(s) appear hereon.

Thomas Hudrlik
Project Scientist

Robert E. Crowley
Senior Principal Scientist

CERTIFICATIONS

I, Mark J. Stelmack, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Former Disposal Area Excavation Work Plan (WP) was implemented and that construction activities were completed in substantial conformance with the Department-approved WP.

I certify that documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that the information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Mark J. Stelmack, of Mactec Engineering and Consulting, P.C. (Amec E&I), 511 Congress Street, Portland, Maine, am certifying as Owner's Designated Site Representative for the site.



080317	01-16-2013	
NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

Acronym	Definition
Amec	Amec Environment and Infrastructure, Inc.
CAMP	Community Air Monitoring Plan
CERP	Community and Environmental Response Plan
CHA	Clough Harbour and Associates LLP
DER	Department of Environmental Remediation
HASP	Health and Safety Plan
Honeywell	Honeywell International Inc.
Mactec	Mactec Engineering and Consulting, Inc.
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCBs	Polychlorinated biphenyls
PID	Photoionization Detector
RI	Remedial Investigation
SCOs	NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives
Site	Former Alexander Schmigel Site, Hoosick Falls, NY
SVOCs	Semivolatile Organic Compounds
SWPPP	Storm Water Pollution Prevention Plan
USEPA	United States Environmental Protection Agency
VOCs	Volatile Organic Compounds
WP	Work Plan
RAO	Remedial Action Objectives
IRM	Interim Remedial Measure
QAPP	Quality Assurance Project Plan
OSHA	Occupational Safety and Health Administration
QA	Quality Assurance
CQA	Construction Quality Assurance
SOPs	Site Operations Plans
Lewis	Lewis Environmental Group
Heritage	Heritage Environmental Services, LLC
American Waste	American Waste Management Services, Inc.
National Grid	National Grid Electric Services LLC
µg	micrograms
m^3	cubic meters
PEL	Permissible Exposure Limit
CD	compact disc
TestAmerica	TestAmerica Laboratories
TCLP	Toxicity characteristic leaching procedure
NIOSH	National Institute for Occupational Safety & Health

INTERIM REMEDIAL MEASURES REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

The 0.23-acre former Alexander Schimgel Site (Site) is located north of Route 67 in a rural area of Rensselaer County, approximately 2.5-miles northeast of the City of Hoosick Falls, New York (Figure 1). In February 1986, Oak Materials Group (a.k.a. Norplex Oak) entered into an Order on Consent with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate the Site. At the time of the Order on Consent, the Oak Materials Group was reportedly a subsidiary of Allied Signal. Allied Signal was subsequently acquired by Honeywell International Inc. (Honeywell) in 1999. On December 11, 2006, Honeywell entered into an Order on Consent with the NYSDEC to facilitate the investigation and remediation of the Site.

The Order on Consent indicated that Honeywell would implement an Interim Remedial Measure (IRM), together with any necessary operation, monitoring and maintenance of such program, pursuant to the NYSDEC-approved Proposed Scope of Work (Revised) Additional Site Investigation Activities dated September 25, 2006 (hereafter referred to as the "SOW"). The SOW was incorporated into the Order on Consent as Exhibit B. The site activities described in the SOW were completed at the Site in 2007, and the results and recommendations from the activities are detailed in a Site Investigation Report, completed by Clough Harbour & Associates (CHA) and dated November 19, 2008. NYSDEC approved the Site Investigation Report and indicated that the recommendations included in the report should be implemented in correspondence dated July 15, 2009. The recommendations included the following:

- The overpacked drum from test pit TP-6 should be managed and disposed of as hazardous waste and the overpacked drum associated with test pit TP-9 can be managed as non-hazardous waste.
- CHA recommends that a remedial work plan be prepared to address the waste disposal area. Specifically, the work plan should address the remaining buried drums and soil/waste that contains acetone above the unrestricted use soil cleanup objective (SCO).

- Based on the groundwater sample results, no further action with respect to site groundwater is necessary assuming that the source area is remediated.

Based on these recommendations, an Excavation Work Plan (WP) dated August 26, 2010 was prepared and submitted to the NYSDEC. The Excavation WP was approved by the NYSDEC in an email from James Moras on August 31, 2010. The work activities outlined in this work plan are discussed in this report. The property was remediated to the unrestricted use SCOs.

The Site is located in the County of Rensselaer, New York and is identified as portions of two parcels in the City of Hoosick Falls, New York. The western edge of the Site is located on the parcel assigned with a tax map identification number of 18.-1-26, and the remainder of the Site is located on the parcel assigned with a tax map identification number of 18.-1-27.2/1. The Site is situated on an approximately 0.23-acre area bounded by a wooded area to the north, a residential access drive to the south, a wooded area to the east, and a residential access drive to the west (see Figure 2). Various residential structures are present within a 300-foot radius of the Site.

Amec Environment and Infrastructure, Inc. (Amec), formerly Mactec Engineering and Consulting, Inc. (Mactec), prepared this IRM Report under contract to Honeywell. Mactec became Amec in January 2012. Subsequent references in this report have been changed to Amec to avoid confusion. An electronic copy of this IRM Report is included as Appendix A.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the 2007 site investigation documented in the November 19, 2008 Site Investigation Report, the following Remedial Action Objectives (RAOs) were identified for the site.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

2.2 DESCRIPTION OF IRM

The site was remediated in accordance with the Excavation WP, dated August 26, 2010, and approved by the NYSDEC on August 31, 2010. Excavation and off-site disposal was proposed as an IRM because the area is unsecured in a residential area, and because excavation is a viable method to remediate drums containing wastes that cannot be treated in place.

The factors considered during the development of the IRM are those listed in 6NYCRR 375-1.8. The following are the components of the IRM:

1. Excavation of drums, waste, and debris;

2. Excavation of soil/fill exceeding unrestricted use SCOs listed in Table 1 or to bedrock;
3. Characterization of excavated drums and soil, with disposal at an appropriate off-site facility;
4. Collection and analysis of confirmatory soil samples from the excavation in accordance with the approved Excavation WP;
5. Backfilling the excavation area with clean fill; and
6. Re-establishing vegetative cover.

3.0 INTERIM REMEDIAL MEASURES

In March 2004, Honeywell submitted a Petition to Delist the Site from the Registry of Inactive Hazardous Waste Disposal Sites. NYSDEC denied the petition because:

1. Only the current or former owner or operator of a site may make the petition; and
2. NYSDEC determined that the nature and extent of the contamination had not been fully identified, nor had the source been removed.

In response to NYSDEC's denial of the Petition to Delist, Honeywell entered into an Order on Consent with the NYSDEC in 2006. Under the Order on Consent, Honeywell agreed to conduct additional characterization of the Site. The proposed work was described in a NYSDEC-approved SOW dated September 25, 2006, and subsequently revised Quality Assurance Project Plan (QAPP) issued on December 14, 2006.

Activities described in the SOW and QAPP were completed at the Site in 2007 by CHA. The work included the excavation of 14 test pits, installation of three groundwater monitoring wells, completion of a Site survey, and the collection of soil and groundwater samples. The results were reported to the NYSDEC in a Site Investigation Report, dated November 19, 2008. The test pits excavated at the Site revealed two drums containing waste material comingled with empty crushed drums, miscellaneous debris, scrap, and fill materials used to backfill the former gravel pit. The drums that contained waste were sampled, and one was found to be characteristically hazardous for lead, and the other contained non-hazardous waste. From test pit observations, it was estimated that an area less than 2,000 square feet might contain buried drums. In addition to debris and drums, some soil within this area was found to contain acetone in concentrations exceeding the unrestricted use SCOs.

While the Order on Consent did not address remedial action, Honeywell and NYSDEC agreed that based on the findings, it was recommended that a remedial work plan be prepared to address the remaining drums and soil/waste that contained acetone over the unrestricted use SCOs. The report also stated that if the source area was remediated, no further action was necessary with respect to groundwater at the Site. The NYSDEC approved the Site Investigation Report on July 15, 2009.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Based upon the NYSDEC's approval of the Site Investigation Report dated November 19, 2008, an Excavation WP was prepared and submitted to the NYSDEC (Amec, August 2010). Remedial activities completed at the Site were conducted in accordance with this NYSDEC-approved Excavation WP. A copy of the NYSDEC email indicating approval of the Excavation WP is included in Appendix B. Deviations from the Excavation WP are noted in Section ~~4.9~~ 4.7.

4.1 GOVERNING DOCUMENTS

The following subsections present the documents that, in addition to the Excavation WP, governed the remedial actions.

4.1.1 Site Specific Health & Safety Plan (HASP)

Work performed under this remedial action was in full compliance with governmental requirements, including site and worker safety requirements mandated by the Federal Occupational Safety and Health Administration (OSHA).

The work was completed in accordance with the site-specific HASP prepared for the remedial work. The HASP included a Community Air Monitoring Plan (CAMP) and a fugitive dust particulate monitoring program in accordance with the New York State Department of Health (NYSDOH) requirements, provided as Appendix 1A and Appendix 1B of DER-10. These are discussed further below.

4.1.2 Quality Assurance (QA)

Quality assurance (QA) requirements are specified in the Excavation WP approved by the NYSDEC (Amec, August 2010). The WP describes the specific policies, objectives, organization, functional activities, and QA/quality control (QC) activities designed to achieve the project data quality objectives.

4.1.3 Construction Quality Assurance (CQA)

Construction Quality Assurance (CQA) requirements are specified in the Excavation WP and were managed through designed and documented QA methodologies applied in the field and in the lab. The Excavation WP describes the observation and

testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

Remedial construction activities were inspected by the Amec Site representative. Completion of the work was documented via field log books; photographs of the work; instrument calibration records and equipment logs; shipping manifests, disposal facility receipts, and other waste disposal records; laboratory analytical reports for waste characterization and confirmation/record samples; field sketches; and other records as appropriate.

4.1.4 Soil/Materials Management

Soil/Materials Management was conducted as specified in the Excavation WP. General Site control measures for managing soils and materials disturbed at the Site included providing fences, erosion and sedimentation controls to reduce storm water runoff and erosion in accordance with the limited Storm Water Pollution Prevention Plan (SWPPP) prepared for the Site (Amec, October 2010), equipment and vehicle decontamination, soil screening for proper storage, transport and fate of excavated soils, and appropriate stockpile management practices including stockpile segregation and runoff prevention. Drums and residual wastes, including contaminated liquids generated during construction, were properly containerized and disposed of off-site. Nuisance control measures to reduce dust generation included ensuring soils and stockpiles were wet, covering of stockpiles with sheeting and tarps, and lining and cleaning of vehicles.

4.1.5 Storm Water Pollution Prevention Plan (SWPPP)

The erosion and sediment controls for the remedial construction were performed in conformance with the limited site-specific SWPPP (Amec, October 2010), which was prepared in accordance with the Excavation WP. Because the area disturbed fell under the 1-acre size threshold that requires a SWPPP under the New York State Pollution Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity – GP-0-10-001, a limited SWPPP was prepared using Best Management Practices to ensure soil erosion was minimized during execution of the project.

4.1.6 Community Air Monitoring Plan (CAMP)

The CAMP was produced consistent with the NYSDOH guidance documents: Generic Community Air Monitoring Plan and Fugitive Dust and Particulate Monitoring. The CAMP required real-time air monitoring in the breathing zone (i.e., the area from four to five feet above the ground surface) for volatile organic compounds (VOCs) and particulates at the designated work area perimeter or Site perimeter when excavation or remediation activities are in progress. The VOC monitoring component of the CAMP was only implemented during activities being conducted at work areas known or suspected to contain VOCs. In addition, air samples were collected from two locations (one upgradient and one downgradient) at the perimeter of the work area during excavation activities for lead-containing dusts. Monitoring was performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment was calibrated at the beginning of each work day for the contaminant(s) of concern or for an appropriate surrogate. Because the CAMP provided information on the protective measures implemented at the Site to protect the community and environment during the remedial action, and the remedial actions were expected to be completed in approximately 30 days, it was determined that the preparation of a Community and Environmental Response Plan (CERP) was not necessary for the Site.

The CAMP described using the modified National Institute for Occupational Safety & Health (NIOSH) method 7300/OSHA method 125G to analyze the perimeter air samples for lead. After receiving the samples, the laboratory was unable to accurately use this method due to issues with equipment, and it was decided to analyze the samples using USEPA SW-846 Method 6010B. The analytical results for the air samples are included in Appendix C and are discussed in Section 4.2.5.

4.1.7 Contractors Site Operations Plans (SOPs)

The Remediation Engineer reviewed plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the Excavation WP, which included the HASP and CAMP. Remedial documents were submitted to NYSDEC in a timely manner and prior to the start of work.

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

Amec was responsible for implementation of the remedial actions, and for conducting oversight of subcontractors. Lewis Environmental Group (Lewis) was responsible for clearing, excavation, backfilling, grading, and reseeding services; Heritage Environmental Services, LLC (Heritage) was responsible for disposal of drums and non-hazardous soil; and American Waste Management Services, Inc. (American Waste) was responsible for disposal of water. The services of National Grid Electric Services LLC (National Grid) were also employed to relocate a utility pole.

Amec was the Engineer of Record responsible for inspection of the work, collection of environmental samples, and preparation of this IRM Report.

4.2.2 Site Preparation

Prior to beginning the work described in the Excavation WP, Amec mobilized to the Site on September 27, 2010 to conduct a pre-bid meeting and mark out the proposed excavation area with white paint and pin flags.

Utility clearance was conducted one week prior to initiating the work. A pre-construction meeting was held with NYSDEC and contractors on October 25, 2010. After the meeting, clearing activities were conducted and the decontamination and soil/drum staging areas were set up. Excavation activities were conducted at the Site from October 25, 2010 through November 17, 2010, and from November 15, 2011 through November 17, 2011. During excavation, the perimeter of the excavation area was secured with a high visibility fence. Additional equipment and subcontractors were mobilized as necessary to complete the remedial construction tasks described herein. Load-out of excavated soil was conducted from November 16 through 18, 2010, and on November 17 and 18, 2011. Load-out of excavated drums and associated wastes was conducted on April 18, 2011, and load-out of water was conducted on December 8 and 9, 2010.

The length of time necessary to complete the excavation activities deviated from the schedule described in the Excavation WP, which assumed that the excavation activities would be completed within 30 days. This deviation occurred due to difficulties encountered in relocating a utility pole that was inside the footprint of the necessary

excavation area, which was larger than originally proposed. During the time preparing to move the utility pole, the excavation area was backfilled to grade.

The utility pole took nearly 11 months to move. The pole contained multiple utilities (electric, telephone, and cable) and actions required by each of the stakeholders needed to be coordinated. It should be noted that during the process of moving the pole, the excavation was backfilled and all wastes generated to that point were shipped to the appropriate disposal facilities. The soil erosion controls were also left in place during this time.

Erosion and sediment controls were maintained throughout the progression of work and were modified, as necessary, to accommodate each phase of the remedial activities, in accordance with the SWPPP (Amec, October 2010).

NYSDEC representatives visited and inspected the Site during the remediation activities.

Necessary approvals were obtained prior to initiating the remediation. A copy of the NYSDEC email indicating approval of the Excavation WP, HASP, and CAMP is included in Appendix B.

4.2.3 General Site Controls

General Site controls are listed and described below:

- Site security was provided by fencing.
- Records of subcontractors and other personnel/visitors to the Site were documented in field log books.
- Erosion and sedimentation controls were provided by the Contractor to control storm runoff/surface water and prevent accelerated erosion and sedimentation. Controls included, as necessary, minimizing land disturbances, diverting surface water, establishing sediment barriers, installing silt fences, protecting soil stockpiles with temporary sheeting, and repackaging excavated drums and associated waste materials into overpack drums.
- Equipment decontamination and residual waste management were performed by the contractor. Work-related solid wastes, including materials generated by final Site cleanup activities and the dismantling of the temporary facilities and controls,

were transported off site for disposal at approved disposal facilities. Contaminated liquids were also collected and transported off site, when necessary. Waste disposal documentation is provided in Appendix D.

- Stockpiles were located within the work area sufficiently far from the excavations to prevent loading of the slope and slope instability. Designated storage/stockpile areas were established for excavated contaminated soils, drums, and other waste materials, as well as for imported soils and aggregates as required. Stockpiles were placed, graded, shaped and covered with plastic sheeting to provide for proper drainage and incorporated appropriate erosion and sedimentation controls.
- The Site owner notified the users of the access road adjacent to the Site of the work activities, and restricted access to the work area.

4.2.4 Nuisance Controls

Nuisance controls are listed and described below:

- Trucks, transported containers, etc. that were used for the transport of contaminated soil were covered prior to departure.
- Work methods minimized the generation of dust and odors and maintained air quality on Site in compliance with applicable OSHA regulations.
- Methods included ensuring soils and stockpiles were sufficiently wet, covering inactive stockpiles with weighted tarps, and lining and cleaning of vehicles.
- Transporters arriving at the Site for loading were directed by the contractor to not cause undue congestion to local streets, to not traverse the site before 7:00 AM and after 5:00 PM unless approved, and trucks were staged either within the perimeter of the Site or at an approved off-site staging area.

4.2.5 CAMP Results

During work activities, air monitoring was conducted in accordance with the CAMP (Amec, August 2010), with the exception of the following; the air samples collected for lead were analyzed using the United States Environmental Protection Agency (USEPA) SW-846 Method 6010B. As a result, the analytical results were reported as micrograms (µg) per wipe, instead of µg per cubic meter (cm^3). The analytical results did not detect lead in concentrations above the laboratory reporting limit of 0.15 µg/wipe in the downgradient samples. The highest concentration detected in the air samples was detected in upgradient sample LNW-1, which was collected on October

27, 2010. The estimated concentration detected in this sample was 0.23 µg/wipe, which was a 908 liter sample collected over a period of 7.56 hours (454 minutes). These results were converted to a 0.2533 µg/m^3 exposure over a 7.56-hour period, or an estimated 0.2680 µg/m^3 exposure over an 8-hour period) based on the following formula:

Time: 454 minutes = 7.56 hours
Volume: 908 liters
Lead result: 0.23 µg/wipe

(0.23 µg/wipe) x (1 wipe/908 liters) x (1 liter/0.001 m^3)
=
0.2533 µg/m^3 over a 7.56-hour period
(or an estimated 0.2680 µg/m^3 over an 8-hour period)

These results are well below the 50 µg/m^3 time weighted average (8 hours) permissible exposure limit (PEL) for lead. Because the highest results were from an upwind sample and are still well below the standard, and the other air monitoring activities did not indicate exceedances of action levels as specified in the CAMP and HASP, it is concluded that no exceedances of the perimeter action levels occurred during the work activities.

The analytical results for the air samples are included in Appendix C.

4.3 CONTAMINATED MATERIALS REMOVAL

The Site was remediated to the unrestricted use SCOs in accordance with the remedy as described in the Excavation WP approved by the NYSDEC (Amec, August 2010). The remediation consisted of the removal, characterization, and off-site disposal of drums, debris, and soil excavated from the Site, collection of confirmatory samples, and backfilling the excavated area with imported clean fill. During the work activities, storm water and groundwater periodically entered the excavation and had to be pumped out to an onsite frac tank until characterization and offsite disposal of the water could be arranged.

Because of the difficulties encountered in relocating the utility pole (which was located within the excavation footprint), the remediation activities were completed in two phases. The first phase was conducted between October 25, 2010 and December 10, 2010, and the second phase was conducted between November 15, 2011 and December 22, 2011. As stated previously, it took approximately 11 months to get the utility pole

relocated. Mr. James Moras, NYSDEC representative, was onsite periodically to observe the remediation progress.

A list of the SCOs for the contaminants of concern for this project is provided in Table 1. The area of excavation is shown in Figure 2.

4.3.1 Drum Excavation

Remedial activities associated with the excavation of drums at the Site were completed in the area shown on Figure 2. Drums and pieces of drums were excavated for off-site disposal in accordance with the Excavation WP (Amec, August 2010). Following are the disposal summary details from the drum excavation activities:

- Drums, drum contents, pieces of drums, and other related disposal debris (i.e. drum materials) were excavated and either directly placed into overpack drums arranged on a liner, or temporarily placed on liners and covered until overpack drums were available.
- Approximately 51 overpack (i.e. 85-gallon capacity), and eight 55-gallon capacity drums were filled with drum materials excavated from the Site.
- The amount of drum materials removed from the Site (as calculated from the manifest disposal documents included in Appendix D) was approximately 13.96 tons (27,911 pounds), of which 0.81 tons (1,610 pounds) were characterized as hazardous waste and 13.15 tons (26,301 pounds) were characterized as non-hazardous waste. Table 2 shows the total quantities of each category of material removed from the site and the disposal locations.
- Transporter and disposal facility: Heritage Transport, LLC transported the drum materials to the Heritage-WTI, Inc. disposal facility located at 1250 Saint George Street in East Liverpool, Ohio. Additional details for the transporter and disposal facility, including the license numbers and acceptance verifications, are shown on the disposal manifest documents, which are included in electronic format on compact disc (CD) in Appendix D.
- Waste characterization sampling: In accordance with the Excavation WP, samples were collected from the drum materials by Amec representatives and submitted under proper chain-of-custody to TestAmerica Laboratories (TestAmerica) in Pittsburgh, Pennsylvania, a NELAC accredited laboratory (certification number #11182) with New York State Department of Health Environmental Laboratory Approval Program (ELAP) approval. The waste

characterization samples were analyzed for waste disposal parameters. Copies of the analytical reports for these samples are provided on a CD in Appendix E.

4.3.2 Soil Excavation

Remedial activities associated with the excavation of soil at the Site were completed in the area shown on Figure 2. Soil in the vicinity of the drums, and soil from areas previously identified with concentrations of acetone and lead exceeding the unrestricted use SCOs, was excavated for off-site disposal in accordance with the Excavation WP (Amec, August 2010). Following are the disposal summary details from the soil excavation activities:

- Soil from areas previously identified with concentrations of acetone and lead exceeding the unrestricted use SCOs and soil located in the vicinity of drum materials was excavated down to bedrock and placed into soil stockpiles, which were arranged on liners. The stockpiles were covered with weighted tarps during periods of inactivity.
- The amount of soil removed from the Site (as calculated from the manifest disposal documents included in Appendix D) was approximately 676 tons, or approximately 501 cubic yards, which was disposed of as non-hazardous waste. The approximate 501 cubic yards was calculated using an estimate of 1.35 tons per cubic yard; because the majority of soil removed was saturated, this estimate is considered highly conservative. Table 2 shows the total quantities of each category of material removed from the site and the disposal locations.
- Transporter and disposal facility: Riccelli Enterprises, Inc. transported the non-hazardous soil to the Ontario County Landfill disposal facility located at 1879 State Route 5 and State Route 20 in Stanley, New York. Additional details for the transporter and disposal facility, including the license numbers and acceptance verifications, are shown on the disposal manifest documents, which are included in electronic format on CD in Appendix D.

4.3.3 Water Characterization and Disposal

During the remedial activities, storm water and groundwater entered the excavation area. This water was pumped out of the excavation area into a 20,000-gallon capacity frac tank brought onsite for temporary storage. After the excavation activities were complete, two grab water samples were collected from the frac tank by an Amec representative. The water samples were submitted to TestAmerica under chain-of-

custody, where they were analyzed for waste disposal parameters, including Toxicity Characteristic Leaching Procedure (TCLP) testing, for metals, VOCs, and SVOCs, pH, flashpoint, and PCBs. A copy of the analytical report for these samples is provided on a CD in Appendix E.

The amount of water removed from the Site (as calculated from the manifest disposal documents included in Appendix D) was approximately 19,700 gallons, which was characterized as non-hazardous waste.

Under contract with American Waste, ENPRO Services, Inc. transported the water stored in the frac tank to the ENPRO Services of Maine, Inc. disposal facility located at 106 Main Street in South Portland, Maine. In addition, Heritage Transport, LLC transported four 55-gallon drums of water used in decontamination activities to the Heritage-WTI, Inc. disposal facility located at 1250 Saint George Street in East Liverpool, Ohio. Additional details for the transporters and disposal facilities, including the license numbers and acceptance verifications, are shown on the disposal manifest documents, which are included in electronic format on CD in Appendix D.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

Soil sampling was conducted by an Amec representative during and after the excavation activities to document the effectiveness of the remedial performance in accordance with the NYSDEC-approved Excavation WP. The samples were collected by hand when conditions allowed safe entry of the excavation.

Soil samples were collected from the sidewalls and base of the excavation as the remedial activities progressed in order to verify that remaining soil did not exceed the unrestricted use SCOs. In accordance with the approved Excavation WP, the sampling included the collection of samples at a frequency of one sidewall sample for every 30 lineal feet of sidewall, and one base sample for every 900 square feet of soil remaining. The sample locations were selected by Amec and were biased to areas that displayed evidence of contamination based on PID readings and visual indicators of contamination. Eight confirmatory (end-point) samples collected from the sidewalls of the final excavation confirmed that the remaining soil does not exceed the unrestricted use SCOs. Because the excavation extended down to bedrock, no end-point samples were collected from the base of the excavation.

A table and figure summarizing end-point sampling is included in Table 3 and Figure 3, respectively. As stated previously, there were no detections of VOCs or lead in concentrations exceeding the unrestricted use SCOs in the end-point samples.

The laboratory analytical reports for the soil samples during and after excavation activities are provided on a CD in Appendix F.

4.5 IMPORTED BACKFILL

Backfilling of the excavation area was completed upon receiving the analytical results confirming that the remaining soil met the unrestricted use SCOs. Because the excavation extended down to bedrock, approximately 119 tons of ¾" round stone were placed in the bottom of the excavation to the top of the water table. The thickness of this bottom layer varied from approximately 2-8 feet. The remainder of the excavation was backfilled with borrow material, which was analyzed prior to use in accordance with the Excavation WP, and met the unrestricted use SCOs. Approximately 324 cubic yards of soil were used as backfill at the Site. Backfill was placed over the stone in the excavation area in approximate 2-foot lifts and compacted with the backhoe bucket until the original ground surface was reached. The excavator's tracks were used to compact the final lifts.

After the excavation was properly backfilled, the area was graded and reseeded as specified in the Excavation WP. Sources of imported backfill with quantities for each source are shown in Table 4. The analytical results and delivery documentation for the backfill samples are included in Appendix G. Figures 2 and 3 show the area of excavation, which is the same area where backfill was used at the Site. The area of excavation shown on these figures was surveyed by a State of New York licensed land surveyor (CHA) in December 2012 under the direction of Amec. Coordinates from the CHA survey are contained in a letter to Amec dated December 21, 2012; the letter is included in Appendix H.

4.6 CONTAMINATION REMAINING AT THE SITE

As noted above, drum materials and soil containing acetone and lead at concentrations exceeding the unrestricted use SCOs were removed during the remedial activities. Because completion of the remedial action was successful in meeting the remedial goals at the Site, no additional actions are anticipated to be required at the Site.

4.7 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

The remedial work was completed in accordance with the Excavation WP (Amec, August 2010), with the exception of the following (the Excavation WP statements are provided verbatim in italics, followed by the explanations for deviation):

- *The CAMP requires real-time air monitoring in the breathing zone (i.e., the area from four to five feet above the ground surface) for volatile organic compounds (VOCs) and particulates at the designated work area perimeter or Site perimeter when excavation or remediation activities are in progress. The VOC monitoring component of the CAMP will only be implemented during activities being conducted at work areas known or suspected to contain VOCs. In addition, air samples will be collected from two locations (one upgradient and one downgradient) at the perimeter of the work area during excavation and remediation activities for lead-containing dusts.*

  Soil sampling and air monitoring activities conducted during the first phase of the remedial activities indicated that significant sources of VOCs and lead were not present. Therefore, air monitoring was not conducted during the second phase of the remedial activities. Soil and drum sampling conducted during the second phase did not contain elevated levels of these constituents.

- *All air monitoring data and the locations of monitoring equipment will be recorded in field notes and will be readily available for NYSDEC, NYSDOH, and Honeywell review.*

  Real-time air concentrations of VOCs were continuously monitored during the first phase of remedial activities to verify that action levels were not being exceeded. The real-time air monitoring data was inadvertently lost from the monitoring equipment. During the excavation activities, one excursion was noted on the PID on October 27, 2010. While excavating drums, the operator complained of an odor from the material. The air in and around the cab of the excavator was monitored with the PID and elevated readings were noted. The perimeter of the excavation area did not reveal detections of VOCs on the PID. As a precaution, the backhoe operator donned a respirator and the air in the cab was monitored continuously. Additionally, at the time of the PID excursion, air samples were being collected for laboratory analysis. The results of the air samples did not reveal the presence of VOCs at the perimeter of the work area in excess of any action level. It is highly likely that the odor reported by the operator was the result of decaying organic matter in the excavation, and that the PID excursion was caused by exhaust fumes from the backhoe. With the exception of the aforementioned excursion, no other air measurements exceeded the criteria set forth in the CAMP. The field notes related to the air monitoring and the PID excursion are provided in Appendix I.

- *Empty drums in poor condition (those that have had their integrity compromised by corrosion, physical damage, or have otherwise leaked) will be removed from the excavation and placed directly into a roll-off box for off-site disposal.*

Contents of damaged or deteriorated drums will be sampled along with the soil in the roll-off box in accordance with the sampling procedures in Section 4.1. Drums, including drum lids or pieces, that were obviously placed into the disposal area empty and crushed will be segregated and placed into a roll-off box. These drums will be either sent off-site for recycling or disposed of in a Resource Conservation and Recovery Act (RCRA) Subtitle D landfill.

All drums were placed directly into overpacks, characterized, and disposed of offsite.

- *Subsequent to final identification of wastes that are characteristically hazardous, a sample will be analyzed for underlying hazardous constituents (UHCs) to evaluate the waste relative to the Land Disposal Restrictions (LDR). The appropriate UHC analysis will be determined by the parameter(s) exceeding the TCLP standards, but will most likely be VOCs and metals. The VOC samples will be collected and preserved using USEPA SW-846 Method 5035 and analyzed using USEPA SW-846 Method 8260. The metals samples will be collected and analyzed by USEPA SW-846 Method 6010/7471.*

    e. Hazardous waste drums, not exceeding LDR Standards; and
    f. Hazardous waste drums, exceeding LDR Standards.

  Drums that fall into Category (e) will be placed into roll-off boxes and shipped to a RCRA Subtitle C landfill for disposal. Drums that fall into Category (f) will be placed into roll-off boxes or drum overpacks and shipped to a facility capable of treating the waste to levels that can be placed into a RCRA Subtitle C landfill for disposal.

  The LDR sampling was not required because the hazardous wastes were incinerated.

- *Solid or liquid materials will be analyzed for the parameters and by the methods presented. If a drum contains both solid and liquid fractions, both fractions will be analyzed for the specified parameters by the appropriate methods.*

  Sampling parameters may have deviated slightly from what was described in the Excavation WP, based on each landfill's requirements.

- *The excavation and backfilling is expected to take approximately two weeks in the field. Following completion of the construction, it is anticipated that the waste characterization, profiling and acceptance will take less than three weeks. Upon acceptance of the waste, the loadout and shipment will take approximately two days to complete. In total, it is anticipated that the remedial activities will take approximately 30 days to complete.*

  The length of time necessary to complete the excavation activities deviated from the 30-day schedule described in the Excavation WP. This deviation occurred due to difficulties encountered in relocating a utility pole that was inside the footprint of the proposed excavation area.

- *Within 90 days of the completion of the excavation and site restoration (i.e., demobilization from the site), Mactec will prepare and submit a draft Final*

Engineering Report (FER) to document the implementation and completion of the remedial program. The FER will include a description of the constructed remedy, a summary of remedial actions completed, list of the remedial action objectives applied to the remedial action, tables and figures showing pre- and post-remedial data, and "as-built" drawings showing the surveyed limits of the excavation and location of post-excavation samples. In addition, Mactec will submit, along with the final FER, electronic copies of executed manifests documenting off-site transport of waste materials and results of laboratory analytical results, including laboratory data sheets and documentation of data validation conducted.

Per NYSDEC's request, this IRM Report is being submitted instead of a FER within the 90 day timeframe.

In addition, the CAMP described using the modified NIOSH method 7300/OSHA method 125G to analyze the perimeter air samples for lead. After receiving the samples, the laboratory was unable to accurately use this method due to issues with equipment, and it was decided to analyze the samples using USEPA SW-846 Method 6010B. The results were converted from µg/wipe to µg/cm^3 and are discussed further in Section 4.2.5.

TABLES

Table 1
SITE SOIL CLEANUP OBJECTIVES - Contaminants of Concern

Draft Interim Remedial Measures Report
Schmigel Property - Hoosick Falls, NY
NYSDEC Site ID #442002
Project # 3410100975

Parameter	Units[1]	Unrestricted Use SCOs[2]
ACETONE	ug/kg	50
LEAD, TOTAL	mg/kg	63

Notes:
(1) Units: ug/kg = micrograms per kilogram; mg/kg = milligrams per kilogram
(2) New York State Department of Environmental Conservation,
Unrestricted Use Soil Cleanup Objectives, Table 375-6.8(a)

Table 2
TOTAL VOLUME OF WASTE REMOVED

Draft Interim Remedial Measures Report
Schmigel Property - Hoosick Falls, NY
NYSDEC Site ID #442002
Project # 3410100975

Date	Bill of Lading No.	Recycling / Disposal Company	Destination	Disposal Classification	Contents	Weight (Pounds)	Weight (Tons)
11/16/10	1297041	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	43,060	21.53
11/16/10	1297042	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	48,240	24.12
11/16/10	1297043	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	46,460	23.23
11/16/10	1297044	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	55,420	27.71
11/16/10	1297045	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	49,120	24.56
11/16/10	1297046	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	48,360	24.18
11/16/10	1297047	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	48,280	24.14
11/16/10	1297048	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	43,000	21.50
11/16/10	1297049	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	39,980	19.99
11/16/10	1297050	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	39,040	19.52
11/16/10	1297051	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	31,680	15.84
11/16/10	1297052	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	40,620	20.31
11/16/10	1297053	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	42,600	21.30
11/17/10	1297054	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	43,180	21.59
11/17/10	1297055	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	40,740	20.37
11/17/10	1297056	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	42,620	21.31
11/17/10	1297057	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	39,760	19.88
11/17/10	1297058	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	43,440	21.72
11/17/10	1297059	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	41,540	20.77
11/18/10	1297060	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	60,260	30.13
11/18/10	1297061	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	52,120	26.06
11/17/11	1436916	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	40,500	20.25
11/17/11	1436917	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	46,080	23.04
11/17/11	1436918	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	47,400	23.70
11/17/11	1436919	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	42,420	21.21
11/17/11	1436920	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	36,860	18.43
11/17/11	1436921	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	45,080	22.54
11/18/11	1437014	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Debris	2,700	1.35
11/18/11	1437815	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	55,700	27.85
11/18/11	1437817	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	44,460	22.23
11/18/11	1437818	Riccelli Enterprises	Ontario County Landfill	Non-Hazardous	Soil	51,760	25.88
04/18/11	000393704WAS	Heritage Transport	Heritage-WTI	Hazardous	Drums	1,610	0.81
04/18/11	1354462	Heritage Transport	Heritage-WTI	Non-Hazardous	Drums	10,401	5.20
04/18/11	1355586	Heritage Transport	Heritage-WTI	Non-Hazardous	Drums	11,232	5.62
12/22/11	1443663	Heritage Transport	Heritage-WTI	Non-Hazardous	Drums	4,668	2.33
					TOTAL DISPOSAL VOLUME:	**1,380,391**	**687.86**
					TOTAL NON-HAZARDOUS:	**1,378,781**	**687.06**
					TOTAL HAZARDOUS:	**1,610**	**0.81**

Date	Bill of Lading No.	Recycling / Disposal Company	Destination	Disposal Classification	Contents	Gallons
12/08/10	15026	ENPRO Services	ENPRO Services	Non-Hazardous	Storm Water	6,000
12/08/10	15027	ENPRO Services	ENPRO Services	Non-Hazardous	Storm Water	4,900
12/09/10	15029	ENPRO Services	ENPRO Services	Non-Hazardous	Storm Water	6,320
12/09/10	15030	ENPRO Services	ENPRO Services	Non-Hazardous	Storm Water	2,493
					TOTAL DISPOSAL VOLUME:	**19,713**

Table 3
SUMMARY OF ANALYTICAL RESULTS - END-POINT SAMPLES

Draft Interim Remedial Measures Report
Schmigel Property - Hoosick Falls, NY
NYSDEC Site ID #442002
Project # 3410100975

Parameter	Units[1]	SAMPLE ID: / DATE: / LOCATION: / Unrestricted Use SCOs[2]	CS-1 10/25/10 W SIDEWALL	CS-2 10/25/10 S SIDEWALL	CS-3 10/26/10 E SIDEWALL	CS-13 11/02/10 S SIDEWALL	CS-17 11/17/10 E SIDEWALL	CS-18 11/17/10 N SIDEWALL	CS-20 11/17/10 N SIDEWALL	CONFIRM-1 11/17/11 W SIDEWALL
VOCs										
ACETONE	ug/kg	50	22 U[3]	**9.4 J**[4]	31 U	28 U	NA [5]	NA	25 U	18 U
METHYLENE CHLORIDE	ug/kg	50	5.6 U	6.4 U	**13**	6.9 U	NA	NA	6.2 U	**2.6 J,B**[6]
1,2,4-TRICHLOROBENZENE	ug/kg		5.6 U	6.4 U	7.8 U	6.9 U	NA	NA	6.2 U	**1 J**
TOLUENE	ug/kg	700	5.6 U	6.4 U	7.8 U	**24**	NA	NA	6.2 U	4.6 U
METALS										
LEAD, TOTAL	mg/kg	63	**35.9**	**14.1**	**18.6 J**	NA	**21**	**36.6**	**18.3**	**14**

Notes:
(1) Units: ug/kg = micrograms per kilogram; mg/kg = milligrams per kilogram
(2) New York State Department of Environmental Conservation, Unrestricted Use Soil Cleanup Objectives, Table 375-6.8(a)
(3) U = indicates not detected
(4) J = indicates estimated value
(5) NA = indicates not analyzed, previous sample collected from location did not exceed SCOs
(6) B = indicates detected in method blank

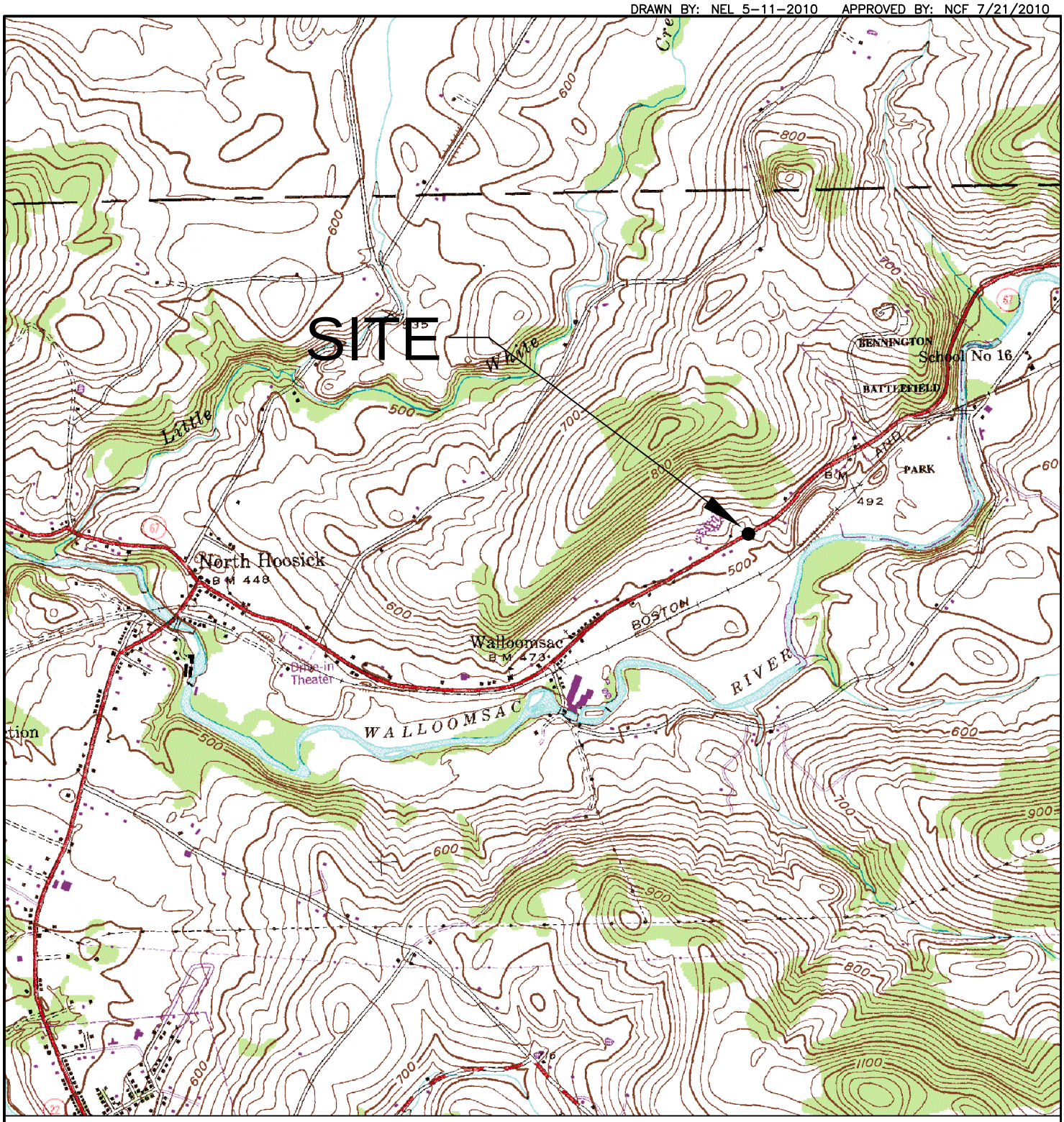
Table 4
BACKFILL QUANTITIES AND SOURCES

Draft Interim Remedial Measures Report
Schmigel Property - Hoosick Falls, NY
NYSDEC Site ID #442002
Project # 3410100975

Date	Ticket No.	Source	Transporter	Material Type	Truck Number / Ticket	Ton	Cubic Yards
12/6/10	553021	West Sand Lake, NY	Troy Sand and Gravel	3/4" Ledgerock Stone	NA	**22.00**	
11/17/11	598819	West Sand Lake, NY	Troy Sand and Gravel	3/4" Ledgerock Stone	201-182810	**19.01**	
11/17/11	598874	West Sand Lake, NY	Troy Sand and Gravel	3/4" Ledgerock Stone	201-182851	**20.03**	
11/17/11	598888	West Sand Lake, NY	Troy Sand and Gravel	3/4" Ledgerock Stone	201-182860	**19.99**	
11/18/11	598950	West Sand Lake, NY	Troy Sand and Gravel	3/4" Ledgerock Stone	201-182913	**17.49**	
11/18/11	598993	West Sand Lake, NY	Troy Sand and Gravel	3/4" Ledgerock Stone	201-182945	**20.39**	
12/6/10	553026	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/6/10	553027	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/6/10	553032	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/6/10	553033	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/6/10	553034	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/6/10	553037	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/6/10	553038	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/6/10	553039	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/7/10	553186	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/7/10	553187	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/7/10	553192	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/7/10	553193	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/7/10	553202	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/7/10	553204	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
11/18/11	596115	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
11/21/11	597798	Halfmoon, NY	Troy Sand and Gravel	Sand/Sandy Fill	NA		**18.00**
12/8/11	600683	West Sand Lake, NY	Troy Sand and Gravel	Top Soil	201-184348		**18.00**
12/8/11	600690	West Sand Lake, NY	Troy Sand and Gravel	Top Soil	201-184354		**18.00**
						Total Tons	**Total Cubic Yards**
						118.91	**324.00**

FIGURES

DRAWN BY: NEL 5-11-2010 APPROVED BY: NCF 7/21/2010



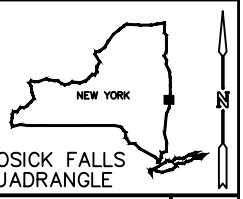
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1 0.5 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0.5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET



HOOSICK FALLS QUADRANGLE

ALEXANDER SCHMIGEL SITE
HOOSICK FALLS, NEW YORK

Project No.: 3410100975

amec

Environment & Infrastructure
800 North Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106

SITE LOCATION MAP

Figure: 1

1

P:\PROJECTS\Honeywell\Hoosick Falls, NY\3410100975\CADD\FINAL\RM Report\Fig 1Site Location Map.dwg Fri, 11 Jan 2013 - 10:25am nancy.lagattuta

DRAWN BY: NEL 1-9-2013 APPROVED BY: -

CS-19 (BACKGROUND SAMPLE FOR LEAD)

MW-1

WELL HOUSE

CONCRETE SLAB

OW 28

SHED

SPIKE IN SERVICE POLE ELEV=537.64'

OW 27

MOBILE HOME

SERVICE POLE (TYP)

MOBILE HOME

CISTERN

OW 29

MW-3

NYS RTE. 67

30 0 30

SCALE: 1"= 30'

LEGEND

- EXISTING MONITORING WELL
- CHA MONITORING WELL, 2007
- AREA OF EXCAVATION
- BACKGROUND SAMPLE FOR LEAD (LOCATION APPROXIMATE)

ALEXANDER SCHMIGEL SITE
HOOSICK FALLS, NEW YORK

Project No.: 3410100975

amec

Environment & Infrastructure
800 North Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106

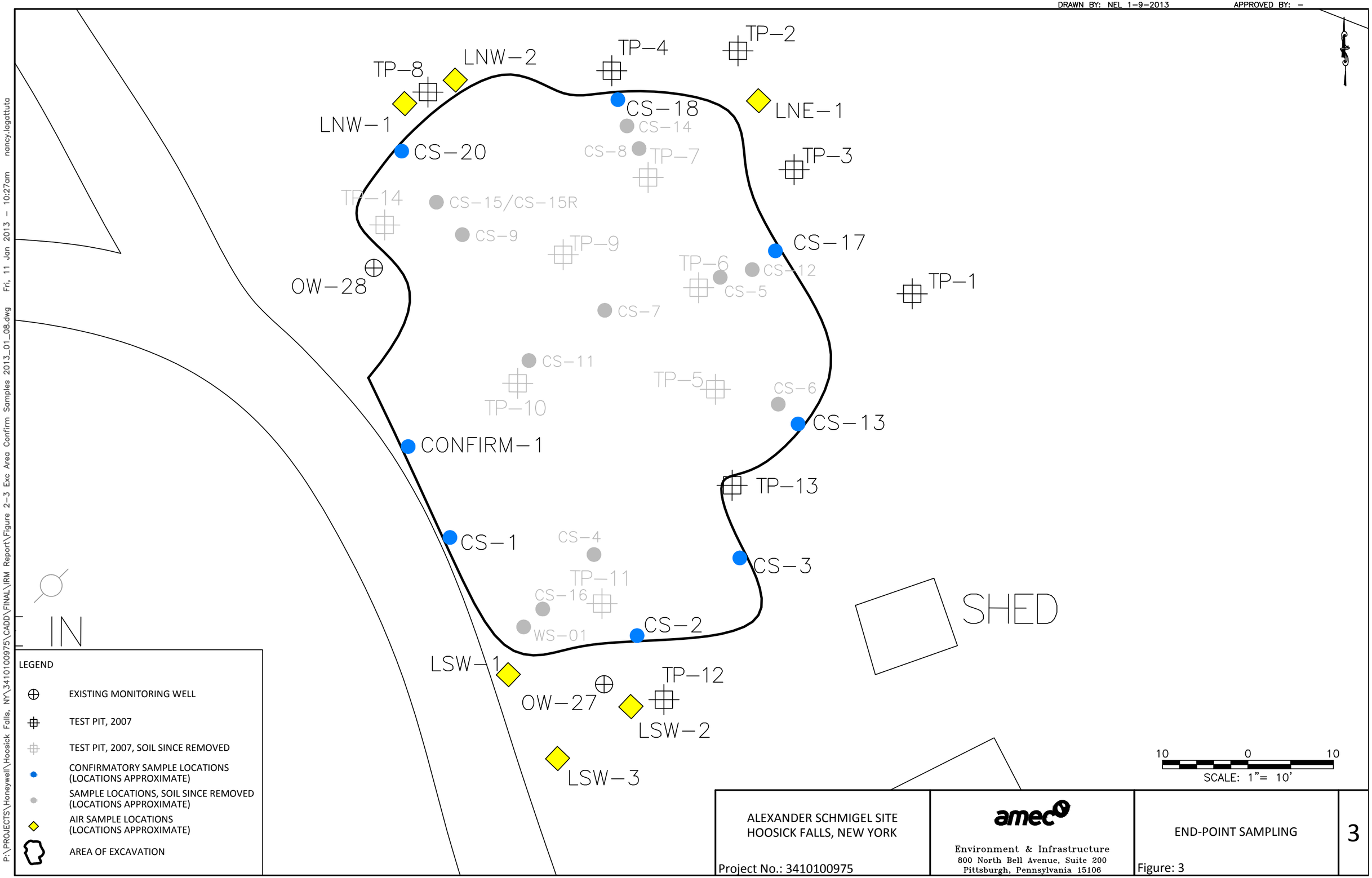
SITE PLAN

Figure: 2

2

P:\PROJECTS\Honeywell\Hoosick Falls, NY\3410100975\CADD\FINAL\IRM Report\Figure 2-3 Exc Area Confirm Samples 2013_01_08.dwg Fri, 11 Jan 2013 - 10:26am nancy.lagattuta

DRAWN BY: NEL 1-9-2013 APPROVED BY: -



LEGEND

- EXISTING MONITORING WELL
- TEST PIT, 2007
- TEST PIT, 2007, SOIL SINCE REMOVED
- CONFIRMATORY SAMPLE LOCATIONS (LOCATIONS APPROXIMATE)
- SAMPLE LOCATIONS, SOIL SINCE REMOVED (LOCATIONS APPROXIMATE)
- AIR SAMPLE LOCATIONS (LOCATIONS APPROXIMATE)
- AREA OF EXCAVATION

ALEXANDER SCHMIGEL SITE
HOOSICK FALLS, NEW YORK

Project No.: 3410100975

amec

Environment & Infrastructure
800 North Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106

END-POINT SAMPLING

Figure: 3

3

P:\PROJECTS\Honeywell\Hoosick Falls, NY\3410100975\CADD\FINAL\IRM Report\Figure 2-3 Exc Area Confirm Samples 2013_01_08.dwg Fri, 11 Jan 2013 - 10:27am nancy.logattuta

APPENDIX A

Digital Copy of the IRM Report (CD)

APPENDIX B

NYSDEC Approval

Feczko, Nicole

From: Crowley, Robert
Sent: Tuesday, August 31, 2010 10:41 AM
To: James Moras
Cc: Feczko, Nicole; Galloway, Rich
Subject: RE: Alexander Schmigel Property Site (442002) Work Plans

Thanks

Robert E. Crowley
Senior Principal Scientist - Pittsburgh

MACTEC Engineering and Consulting, Inc.
800 North Bell Avenue
Suite 200
Carnegie, PA 15106

Office 412-279-6661 Mobile 724-747-2866 Fax 412-279-8567
Email: recrowley@mactec.com Web: www.mactec.com

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From: James Moras [mailto:jamoras@gw.dec.state.ny.us]
Sent: Tuesday, August 31, 2010 10:38 AM
To: Crowley, Robert
Cc: Joseph White
Subject: Alexander Schmigel Property Site (442002) Work Plans

Rob,

I have reviewed the August 26, 2010 Final Excavation Work Plan, Community Air Monitoring Plan and Health & Safety Plan. The documents appropriately address the comments sent to you on August 13, 2010 and the documents are approved.

If you have any questions feel free to contact me.

Jim

James A. Moras, P.E.
625 Broadway
Albany, NY 12233-7017
(518) 402-9814
EMail: jamoras@gw.dec.state.ny.us

APPENDIX C

Laboratory Analytical Reports – Air Samples

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0J260416

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

November 3, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J260416

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 26, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

Metals:
The method blank had lead detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C0J260416

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC Inc.	Rob Crowley	Chris Hurtt	Carrie Gamber	008185
Address: 400 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428	1 of 1 COCs
City/State/Zip: Pittsburgh PA 15106	Email: recrowley@mactec.com	Analysis Turnaround Time (in BUSINESS days)		
Phone:		TAT if different from below Standard		
Project Name: Schmigel Hoosick Falls	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day		
Project Number:	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other: MeOH	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Analyses: VOC	SVOC/mtbls	Lead air	Lead soil	Sample Specific Notes / Special Instructions:
WS-01-102510	10/25/10	1350				X							X	X			4	2			24 hr. TAT
LNE-1-102510	10/25/10	1510	X										X						1		388 Liters standard TAT
LSW-1-102510	10/25/10	1510	X										X						1		394 Liters standard TAT
CS-01-102510		1540											X	X			4	2 CN		2	
CS-2-102510	↓	1550											X	X			4	2 CN		2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
LNE-1-102510 ran for 194 min.
LSW-1-102510 ran for 197 min.

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hurtt	MACTEC	10/25/10 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA-PIT	10/26/10 0855

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TAL 0018- 1 (04/10)

METHODS SUMMARY

C0J260416

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0J260416

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L833T	001	LNE-1-102510	10/25/10	15:10
L833W	002	LSW-1-102510	10/25/10	15:10

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: LNE-1-102510

TOTAL Metals

Lot-Sample #...: C0J260416-001 **Matrix.....:** WIPE
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0301454						
Lead	**0.12 B,J**	**0.15**	**ug/wipe**	**SW846 6010B**	**10/28-11/02/10**	**L833T1AA**
		Dilution Factor: 1		Analysis Time..: 16:31	MS Run #.....:	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: LSW-1-102510

TOTAL Metals

Lot-Sample #...: C0J260416-002 **Matrix.....:** WIPE
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0301454						
Lead	ND	0.15	ug/wipe	SW846 6010B	10/28-11/02/10	L833W1AA
		Dilution Factor: 1		Analysis Time..: 16:36	MS Run #.....:	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0J260416 **Matrix.....:** WIPE

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0J280000-454 **Prep Batch #...:** 0301454						
Lead	**0.14 B**	**0.15**	**ug/wipe**	**SW846 6010B**	**10/28-11/02/10**	**L89J71AA**
		Dilution Factor: 1				
		Analysis Time..: 16:14				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: C0J260416 **Matrix.....:** WIPE

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Lead	93	(80 - 120)			SW846 6010B	10/28-11/02/10	0301454
	95	(80 - 120)	1.8	(0-20)	SW846 6010B	10/28-11/02/10	0301454

Dilution Factor: 1 Analysis Time..: 16:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: C0J260416 **Matrix.....:** WIPE

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Lead	25.0	23.4	ug/wipe	93		SW846 6010B	10/28-11/02/10	0301454
	25.0	23.8	ug/wipe	95	1.8	SW846 6010B	10/28-11/02/10	0301454

Dilution Factor: 1 Analysis Time..: 16:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0J270441

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

November 3, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J270441

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 27, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

Metals:
The method blank had lead detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C0J27104[illegible]

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location:

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC Inc.	Rob Crowley	Chris Herbert	Carrie Gamber	003362
Address: 4011 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428	2 of 2 COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com	Analysis Turnaround Time (CALENDAR DAYS or WORKING DAYS)		
Phone: 412-279-6661		TAT if different from below Standard		
Project Name: HTW Hoosick Falls, NY	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Analyses: Lead	Sr90	Sample Specific Notes / Special Instructions:
LMW-1-102610	10/26/10	1541	X										X		Y		1		
LSW-2-102610	10/26/10	1547	X										X		Y		1		
WS-01-102510	10/25/10	1350			X								X					2	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Herbert	MACTEC	10/26/10 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA Pgh	10/27/10 1000

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TAL 0018-1 (04/10)

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: MACTEC Inc.	Client Project Manager: Rob Crowley	Site Contact: Chris Hortert	Lab Contact: Carrie Gamber	COC No: 008184
Address: 800 N. Bell Ave Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428	1 of 2 COCs
City/State/Zip: Pittsburgh, Pa 15106	Email: rccrowley@mactec.com	Analysis Turnaround Time (CALENDAR DAYS)		
Phone: 412-279-6661		TAT if different from below _____		
Project Name: HW Hoosick Falls	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day		
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other: MeOH	Filtered Sample (Y/N)	Containers for Analysis	Analyses: VOC	Lead soil	TCLP and TAL Pb	Lead and total	Sample Specific Notes / Special Instructions:
CS-3-102610	10/26/10	0905			X								X	X	N	6	4	1	1		
CS-4-102610		1045			X										N	6	4	1			
CS-5-102610		1136			X										N	6	4	1			
CS-6-102610		1210			X										N	6	4	1			
CS-7-102610		1230			X										N	6	4	1			
CS-8-102610		055			X										N	6	4	1			
D-1-102610		1345					X								N	2			1	1	
D-2-102610		1350					X								N	2			1	1	
D-3-102610		1430					X								N	6			1	1	
D-4-102610		1520					X						X		N	2			1	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	10/26/10 1400			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA-Pitt	10/27/10 1000

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0J270441

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0J270441

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L853K	001	LNW-1-102610	10/26/10	15:41
L853L	002	LSW-2-102610	10/26/10	15:47

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: LNW-1-102610

TOTAL Metals

Lot-Sample #...: C0J270441-001 **Matrix.....:** WIPE
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0301454						
Lead	**0.23 J**	**0.15**	**ug/wipe**	**SW846 6010B**	**10/28-11/02/10**	**L853K1AA**
		Dilution Factor: 1		Analysis Time..: 16:42	MS Run #.....:	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: LSW-2-102610

TOTAL Metals

Lot-Sample #...: C0J270441-002 **Matrix.....:** WIPE
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0301454						
Lead	ND	0.15	ug/wipe	SW846 6010B	10/28-11/02/10	L853L1AA
		Dilution Factor: 1		Analysis Time..: 16:47	MS Run #.....:	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0J270441 **Matrix.....:** WIPE

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0J280000-454 **Prep Batch #...:** 0301454						
Lead	**0.14 B**	**0.15**	**ug/wipe**	**SW846 6010B**	**10/28-11/02/10**	**L89J71AA**
		Dilution Factor: 1				
		Analysis Time..: 16:14				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: C0J270441 **Matrix.....:** WIPE

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Lead	93	(80 - 120)			SW846 6010B	10/28-11/02/10	0301454
	95	(80 - 120)	1.8	(0-20)	SW846 6010B	10/28-11/02/10	0301454

Dilution Factor: 1 Analysis Time..: 16:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: C0J270441 **Matrix.....:** WIPE

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Lead	25.0	23.4	ug/wipe	93		SW846 6010B	10/28-11/02/10	0301454
	25.0	23.8	ug/wipe	95	1.8	SW846 6010B	10/28-11/02/10	0301454

Dilution Factor: 1 Analysis Time..: 16:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0J280414

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

November 3, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J280414

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 28, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

Metals:
The method blank had lead detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC	Rob Crowley	Chris Hortert	Carrie Gamber	008183
Address: 400 N. Bell Ave Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-3428	1 of 1 COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com			
Phone: 412-279-6661		TAT if different from below 5 day ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: Hw Hoosick falls	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Preservation: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other: Methyl	Analyses: VOC	Lead	Lead air	Sample Specific Notes / Special Instructions:
~~CS-10-102710~~	10/27/10	1110			X								X	X	4	1		only air samples
CS-9-102710		1120			X								X	X	4	1		
~~CS-9r-102710~~		1120			X								X	X	4	1		
LNW-2-102710		1530	X										X				1	
LSW-3-102710		1533	X										X				1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: P Faust	Company: TA Pitt	Date/Time: 10/28/10 0900

TAL 0018-1 (04/10)

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METHODS SUMMARY

C0J280414

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0J280414

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L87TR	001	LNW-2-102710	10/27/10	15:30
L87VK	002	LSW-3-102710	10/27/10	15:33

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: LNW-2-102710

TOTAL Metals

Lot-Sample #...: C0J280414-001 **Matrix.....:** WIPE
Date Sampled...: 10/27/10 **Date Received..:** 10/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0301454						
Lead	ND	0.15	ug/wipe	SW846 6010B	10/28-11/02/10	L87TR1AA
		Dilution Factor: 1		Analysis Time..: 16:53	MS Run #.....:	

MACTEC Engineering and Consulting Inc

Client Sample ID: LSW-3-102710

TOTAL Metals

Lot-Sample #...: C0J280414-002 **Matrix.....:** WIPE
Date Sampled...: 10/27/10 **Date Received..:** 10/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0301454						
Lead	ND	0.15	ug/wipe	SW846 6010B	10/28-11/02/10	L87VK1AA
		Dilution Factor: 1		Analysis Time..: 16:58	MS Run #.....:	

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0J280414 **Matrix.....:** WIPE

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0J280000-454 **Prep Batch #...:** 0301454						
Lead	**0.14 B**	**0.15**	**ug/wipe**	**SW846 6010B**	**10/28-11/02/10**	**L89J71AA**
		Dilution Factor: 1				
		Analysis Time..: 16:14				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: C0J280414 **Matrix.....:** WIPE

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Lead	93	(80 - 120)			SW846 6010B	10/28-11/02/10	0301454
	95	(80 - 120)	1.8	(0-20)	SW846 6010B	10/28-11/02/10	0301454

Dilution Factor: 1 Analysis Time..: 16:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: C0J280414 **Matrix.....:** WIPE

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Lead	25.0	23.4	ug/wipe	93		SW846 6010B	10/28-11/02/10	0301454
	25.0	23.8	ug/wipe	95	1.8	SW846 6010B	10/28-11/02/10	0301454

Dilution Factor: 1 Analysis Time..: 16:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

APPENDIX D

Digital Copies of Waste Disposal Documentation (CD)

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1520913
Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
11/16/2010	123507	HONEYWELL 5079 NY RTE 67 HOOSICK FALLS, NY 12090								
	4	1297041-16407	2641799							
1297041-16407 1										
		NON-RCRA SOIL (BULK)		2212	43,060		TON	21.53	29.0000	624.37
		NY SALES TAX ON SUBTOTAL OF $624.37 AT 8%		803			LS	1.00	49.9500	49.95
11/16/2010										
11/16/2010		1297041-16407	2641800							
		FREIGHT CHARGE		913			LD	1.00	1,281.0400	1,281.04
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,281.04 AT 8%		803			LS	1.00	102.4800	102.48
11/16/2010										
	4	1297042-16407	2641801							
1297042-16407 1										
		NON-RCRA SOIL (BULK)		2212	48,240		TON	24.12	29.0000	699.48
		NY SALES TAX ON SUBTOTAL OF $699.48 AT 8%		803			LS	1.00	55.9600	55.96
11/16/2010										
11/16/2010		1297042-16407	2641802							
		FREIGHT CHARGE		913			LD	1.00	1,435.1400	1,435.14
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,435.14 AT 8%		803			LS	1.00	114.8100	114.81
11/16/2010										

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CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1520913
Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
	4	1297043-16407	2641803							
1297043-16407 1										
		NON-RCRA SOIL (BULK)		2212	46,460		TON	23.23	29.0000	673.67
		NY SALES TAX ON SUBTOTAL OF $673.67 AT 8%		803			LS	1.00	53.8900	53.89
11/16/2010										
11/16/2010		1297043-16407	2641804							
		FREIGHT CHARGE		913			LD	1.00	1,382.1900	1,382.19
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,382.19 AT 8%		803			LS	1.00	110.5800	110.58
11/16/2010										
	4	1297044-16407	2641805							
1297044-16407 1										
		NON-RCRA SOIL (BULK)		2212	55,420		TON	27.71	29.0000	803.59
		NY SALES TAX ON SUBTOTAL OF $803.59 AT 8%		803			LS	1.00	64.2900	64.29
11/16/2010										
11/16/2010		1297044-16407	2641806							
		FREIGHT CHARGE		913			LD	1.00	1,648.7500	1,648.75
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,648.75 AT 8%		803			LS	1.00	131.9000	131.90
11/16/2010										
	4	1297045-16407	2641807							
1297045-16407 1										

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Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
		NON-RCRA SOIL (BULK)		2212	49,120		TON	24.56	29.0000	712.24
		NY SALES TAX ON SUBTOTAL OF $712.24 AT 8%		803			LS	1.00	56.9800	56.98
11/16/2010										
11/16/2010		1297045-16407	2641808							
		FREIGHT CHARGE		913			LD	1.00	1,461.3200	1,461.32
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,461.32 AT 8%		803			LS	1.00	116.9100	116.91
11/16/2010										
	4	1297046-16407	2641809							
1297046-16407 1										
		NON-RCRA SOIL (BULK)		2212	48,360		TON	24.18	29.0000	701.22
		NY SALES TAX ON SUBTOTAL OF $701.22 AT 8%		803			LS	1.00	56.1000	56.10
11/16/2010										
11/16/2010		1297046-16407	2641810							
		FREIGHT CHARGE		913			LD	1.00	1,438.7100	1,438.71
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,438.71 AT 8%		803			LS	1.00	115.1000	115.10
11/16/2010										
	4	1297047-16407	2641811							
1297047-16407 1										
		NON-RCRA SOIL (BULK)		2212	48,280		TON	24.14	29.0000	700.06
		NY SALES TAX ON SUBTOTAL OF $700.06 AT 8%		803			LS	1.00	56.0000	56.00

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Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
11/16/2010										
11/16/2010		1297047-16407	2641812							
		FREIGHT CHARGE		913			LD	1.00	1,436.3300	1,436.33
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,436.33 AT 8%		803			LS	1.00	114.9100	114.91
11/16/2010										
	4	1297048-16407	2641813							
1297048-16407 1										
		NON-RCRA SOIL (BULK)		2212	43,000		TON	21.50	29.0000	623.50
		NY SALES TAX ON SUBTOTAL OF $623.50 AT 8%		803			LS	1.00	49.8800	49.88
11/16/2010										
11/16/2010		1297048-16407	2641814							
		FREIGHT CHARGE		913			LD	1.00	1,279.2500	1,279.25
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,279.25 AT 8%		803			LS	1.00	102.3400	102.34
11/16/2010										
	4	1297049-16407	2641815							
1297049-16407 1										
		NON-RCRA SOIL (BULK)		2212	39,980		TON	19.99	29.0000	579.71
		NY SALES TAX ON SUBTOTAL OF $579.71 AT 8%		803			LS	1.00	46.3800	46.38
11/16/2010										
11/16/2010		1297049-16407	2641816							

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HERITAGE

INVOICE

Invoice No: 1520913
Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
		FREIGHT CHARGE		913			LD	1.00	1,190.0000	1,190.00
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,190.00 AT 8%		803			LS	1.00	95.2000	95.20
11/16/2010										
	4	1297050-16407	2641817							
1297050-16407 1										
		NON-RCRA SOIL (BULK)		2212	39,040		TON	19.52	29.0000	566.08
		NY SALES TAX ON SUBTOTAL OF $566.08 AT 8%		803			LS	1.00	45.2900	45.29
11/16/2010										
11/16/2010		1297050-16407	2641818							
		FREIGHT CHARGE		913			LD	1.00	1,190.0000	1,190.00
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,190.00 AT 8%		803			LS	1.00	95.2000	95.20
11/16/2010										
	4	1297051-16407	2641819							
1297051-16407 1										
		NON-RCRA SOIL (BULK)		2212	31,680		TON	15.84	29.0000	459.36
		NY SALES TAX ON SUBTOTAL OF $459.36 AT 8%		803			LS	1.00	36.7500	36.75
11/16/2010										
11/16/2010		1297051-16407	2641820							
		FREIGHT CHARGE		913			LD	1.00	1,190.0000	1,190.00
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,190.00 AT 8%		803			LS	1.00	95.2000	95.20

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INVOICE

Invoice No: 1520913
Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
11/16/2010	4	1297052-16407	2641821							
1297052-16407 1										
		NON-RCRA SOIL (BULK)		2212	40,620		TON	20.31	29.0000	588.99
		NY SALES TAX ON SUBTOTAL OF $588.99 AT 8%		803			LS	1.00	47.1200	47.12
11/16/2010										
11/16/2010		1297052-16407	2641822							
		FREIGHT CHARGE		913			LD	1.00	1,208.4500	1,208.45
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,208.45 AT 8%		803			LS	1.00	96.6800	96.68
11/16/2010	4	1297053-16407	2641823							
1297053-16407 1										
		NON-RCRA SOIL (BULK)		2212	42,600		TON	21.30	29.0000	617.70
		NY SALES TAX ON SUBTOTAL OF $617.70 AT 8%		803			LS	1.00	49.4200	49.42
11/16/2010										
11/16/2010		1297053-16407	2641824							
		FREIGHT CHARGE		913			LD	1.00	1,267.3500	1,267.35
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,267.35 AT 8%		803			LS	1.00	101.3900	101.39
11/16/2010	4	1297054-16407	2641825							

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CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1520913
Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
1297054-16407 1										
		NON-RCRA SOIL (BULK)		2212	43,180		TON	21.59	29.0000	626.11
		NY SALES TAX ON SUBTOTAL OF $626.11 AT 8%		803			LS	1.00	50.0900	50.09
11/16/2010										
11/16/2010		1297054-16407	2641826							
		FREIGHT CHARGE		913			LD	1.00	1,284.6100	1,284.61
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,284.61 AT 8%		803			LS	1.00	102.7700	102.77
11/17/2010										
	4	1297055-16407	2641827							
1297055-16407 1										
		NON-RCRA SOIL (BULK)		2212	40,740		TON	20.37	29.0000	590.73
		NY SALES TAX ON SUBTOTAL OF $590.73 AT 8%		803			LS	1.00	47.2600	47.26
11/17/2010										
11/17/2010		1297055-16407	2641828							
		FREIGHT CHARGE		913			LD	1.00	1,212.0200	1,212.02
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,212.02 AT 8%		803			LS	1.00	96.9600	96.96
11/17/2010										
	4	1297056-16407	2641829							
1297056-16407 1										
		NON-RCRA SOIL (BULK)		2212	42,620		TON	21.31	29.0000	617.99

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HERITAGE

INVOICE

Invoice No: 1520913
Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
		NY SALES TAX ON SUBTOTAL OF $617.99 AT 8%		803			LS	1.00	49.4400	49.44
11/17/2010										
11/17/2010		1297056-16407	2641830							
		FREIGHT CHARGE		913			LD	1.00	1,267.9500	1,267.95
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,267.95 AT 8%		803			LS	1.00	101.4400	101.44
11/17/2010										
	4	1297057-16407	2641831							
1297057-16407 1										
		NON-RCRA SOIL (BULK)		2212	39,760		TON	19.88	29.0000	576.52
		NY SALES TAX ON SUBTOTAL OF $576.52 AT 8%		803			LS	1.00	46.1200	46.12
11/17/2010										
11/17/2010		1297057-16407	2641832							
		FREIGHT CHARGE		913			LD	1.00	1,190.0000	1,190.00
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,190.00 AT 8%		803			LS	1.00	95.2000	95.20
11/17/2010										
	4	1297058-16407	2641833							
1297058-16407 1										
		NON-RCRA SOIL (BULK)		2212	43,440		TON	21.72	29.0000	629.88
		NY SALES TAX ON SUBTOTAL OF $629.88 AT 8%		803			LS	1.00	50.3900	50.39
11/17/2010										

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INVOICE

Invoice No: 1520913
Invoice Date: 12/31/2010
Customer PO# : 201015917
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
11/17/2010		1297058-16407	2641834							
		FREIGHT CHARGE		913			LD	1.00	1,292.3400	1,292.34
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,292.34 AT 8%		803			LS	1.00	103.3900	103.39
11/17/2010	4	1297059-16407	2641835							
1297059-16407 1										
		NON-RCRA SOIL (BULK)		2212	41,540		TON	20.77	29.0000	602.33
		NY SALES TAX ON SUBTOTAL OF $602.33 AT 8%		803			LS	1.00	48.1900	48.19
11/17/2010										
11/17/2010		1297059-16407	2641836							
		FREIGHT CHARGE		913			LD	1.00	1,235.8200	1,235.82
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,235.82 AT 8%		803			LS	1.00	98.8700	98.87
11/18/2010	4	1297060-16407	2641837							
1297060-16407 1										
		NON-RCRA SOIL (BULK)		2212	60,260		TON	30.13	29.0000	873.77
		NY SALES TAX ON SUBTOTAL OF $873.77 AT 8%		803			LS	1.00	69.9000	69.90
11/18/2010										
11/18/2010		1297060-16407	2641838							
		FREIGHT CHARGE		913			LD	1.00	1,792.7400	1,792.74
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,792.74 AT 8%		803			LS	1.00	143.4200	143.42

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Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
11/18/2010	4	1297061-16407	2641839							
1297061-16407 1										
		NON-RCRA SOIL (BULK)		2212	52,120		TON	26.06	29.0000	755.74
		NY SALES TAX ON SUBTOTAL OF $755.74 AT 8%		803			LS	1.00	60.4600	60.46
11/18/2010										
11/18/2010		1297061-16407	2641840							
		FREIGHT CHARGE		913			LD	1.00	1,550.5700	1,550.57
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,550.57 AT 8%		803			LS	1.00	124.0500	124.05

Pay this Amount **$ 45,206.28**

DEP Report

NEWS NE / ONTARIO COUNTY LANDFILL
Customer Profile Detail Report
Transactions from 11/01/2010 through 11/18/2010
Third Party and Intercompany Customers
Recycle and Disposal Waste
Inbound and Outbound Tickets

Customer	Ticket	Material	Gross	Tare	Net	Tons	Transporter	Approval	Job#	Date	Test Freq	Generator
LE00163 (RICCELLI)												
2641799	382223	ALTERNATIVE DA	71,400	28,340	43,060	21.53	RIC 2641839		2208	11/16/20	1TM	HONEYWEL
2641801	382224	ALTERNATIVE DA	77,120	28,880	48,240	24.12	RIC 2641837		2208	11/16/20	1TM	HONEYWEL
2641803	382244	ALTERNATIVE DA	75,540	29,080	46,460	23.23	RIC 2641835		2208	11/16/20	1TM	HONEYWEL
2641805	382245	ALTERNATIVE DA	84,600	29,180	55,420	27.71	RIC 2641833		2208	11/16/20	1TM	HONEYWEL
2641807	382268	ALTERNATIVE DA	78,360	29,240	49,120	24.56	RIC 2641831		2208	11/16/20	1TM	HONEYWEL
2641809	382269	ALTERNATIVE DA	77,780	29,420	48,360	24.18	RIC 2641829		2208	11/16/20	1TM	HONEYWEL
2641811	382282	ALTERNATIVE DA	91,060	42,780	48,280	24.14	RIC 2641827		2208	11/16/20	1TM	HONEYWEL
2641813	382283	ALTERNATIVE DA	71,980	28,980	43,000	21.50	RIC 2641825		2208	11/16/20	1TM	HONEYWEL
2641817	382285	ALTERNATIVE DA	66,620	27,580	39,040	19.52	RIC 2641823		2208	11/16/20	1TM	HONEYWEL
2641815	382286	ALTERNATIVE DA	68,800	28,820	39,980	19.99	RIC 2641821		2208	11/16/20	1TM	HONEYWEL
2641819	382289	ALTERNATIVE DA	59,920	28,240	31,680	15.84	RIC 2641819		2208	11/16/20	1TM	HONEYWEL
2641823	382328	ALTERNATIVE DA	72,560	29,960	42,600	21.30	RIC 2641817		2208	11/16/20	1TM	HONEYWEL
2641821	382329	ALTERNATIVE DA	69,600	28,980	40,620	20.31	RIC 2641815		2208	11/17/20	1TM	HONEYWEL
2641825	382440	ALTERNATIVE DA	71,440	28,260	43,180	21.59	RIC 2641813		2208	11/17/20	1TM	HONEYWEL
2641827	382441	ALTERNATIVE DA	69,460	28,720	40,740	20.37	RIC 2641811		2208	11/17/20	1TM	HONEYWEL
2641829	382451	ALTERNATIVE DA	71,620	29,000	42,620	21.31	RIC 2641809		2208	11/17/20	1TM	HONEYWEL
2641831	382478	ALTERNATIVE DA	67,820	28,060	39,760	19.88	RIC 2641807		2208	11/17/20	1TM	HONEYWEL
2641835	382494	ALTERNATIVE DA	68,960	27,420	41,540	20.77	RIC 2641805		2208	11/17/20	1TM	HONEYWEL
2641833	382509	ALTERNATIVE DA	72,040	28,600	43,440	21.72	RIC 2641803		2208	11/17/20	1TM	HONEYWEL
Totals for LE00163 (RICCELLI)						413.57						
19 Line Items and 19 Tickets												

Report Grand Totals
19 Line Items and 19 Tickets

413.57

RptCusProf.rpt

1297041-16407

Print or type. (Form designed for use on elite (12 pitch) typewriter.)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297041-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL - RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL - RICH GALLOWAY
5077 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	DT	23	Tons
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2205 #2841799

ERI=HERITAGE I14439291

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Herbert for Honeywell	Chris Herbert	11	16	10

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Rodney Dupree	Rodney Dupree	11	16	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

1297041-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800) 526-1221	1297041-16407

5. Offeror's Name and Mailing Address
HONEYWELL - PETER GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973) 455-4640

Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL - NIAGARA
5929 NY RTE 57
HOUSEK FALLS, NY 12077
GEN: 143507

6. Transporter 1 Company Name
RITCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
NIAGARA COUNTY LANDFILL
1616 STATE ROUTE 5 & 20
STAFFORD, NY 14143
(585) 536-4422

U.S. EPA ID Number
NYD980763452

9a HM	9b U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/IATA REGULATED	1	DT	23	Pounds
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641790 / 2641800

GRI-HEPTYDE 1146529?

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hordesh for Honeywell		11	16	10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Rodney Dudley		11	16	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year
Richard Gilman		N	Nov	

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

DESIGNATED FACILITY'S COPY

Stop Ticket

Stop#: **1297041-16407**

Trip#: 954175

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/17/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 47 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name Rodney Duprey Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297041-16407-1	2641799	2212	N4N	1	CM

ADDL EQUIP:

PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name Chris Herter for Honeywell Signature Chris Herter Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297042-16407

Print or type. (Form designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297042-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
Offeror's Phone: (973)455-4640

Offeror's Site Address (If different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (If any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	DT	23	Tons
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208_T#2641801

ERI#HERITAGE [1443930]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Herbert for Honeywell
Signature: Chris Herbert
Month: 11 Day: 16 Year: 16

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tom Muppi
Signature:
Month: 11 Day: 16 Year: 16

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR'S INITIAL COPY

1297042-16407

HAZMAT BILL OF LADING/MANIFEST

1 Offeror's ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Tracking Number
[illegible]		(800) 326-1321	[illegible]

5 Offeror's Name and Mailing Address

[illegible]
[illegible]
[illegible]
[illegible]

Offeror's Phone: [illegible]

Offeror's Site Address (if different than mailing address)

[illegible]
[illegible]
[illegible]
[illegible]

6 Transporter 1 Company Name

[illegible]

U.S. EPA ID Number

7 Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

[illegible]
[illegible]
[illegible]

U.S. EPA ID Number

[illegible]

Facility's Phone: [illegible]

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10 Containers No	10 Containers Type	11 Total Quantity	12 Unit Wt./Vol.
	1. [illegible]	1	DT	23	[illegible]
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

[illegible]

2641801 / 2641802

[illegible]

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Herbert for Honeywell	[illegible]	11	16	16

15 Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Tom Murphy	[illegible]	11	16	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17 Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	11	16	16

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297042-16407**

Trip#: 954176

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 311 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name Tom Hagale Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297042-16407-1	2641801	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

Stop#: **1297042-16407**

Trip#: 954176

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE
ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 311 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297042-16407-1	2641801	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297043-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297043-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
DEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	DT	24	tons
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208 T#2641803

ERI HERITAGE [1443931]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hartert for Honeywell	Chris Hartert	11	16	10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1297043-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYD991991547	1	(800)424-9300	1297043 16407

5. Offeror's Name and Mailing Address
HONEYWELL INT'L INC.(AMS)
50 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4240
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL INT'L SPECIALTY
50-2 NY RTE 5
NIAGARA FALLS NY 14304
DEN: 120507

6. Transporter 1 Company Name
PIOCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1569 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000032051

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON DOT NON-HAZ PEOPLES	1	DT	24	tons
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1-888-TRY-HONY
2641803 / 2641804
ENVIRONMENTAL

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Herbert for Honeywell
Signature:
Month: 11 Day: 16 Year: 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name
Signature
Month Day Year

Transporter 2 Printed/Typed Name
Signature
Month Day Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous ~~Bill of Lading~~/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name
Signature
Month Day Year
11 16 16

OFFEROR
TRANSPORTER
DESIGNATED FACILITY

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297043-16407**

Trip#: 954177

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor#_____ Trailer# 313

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty

Driver#_____ Driver Name Matt Tornatore Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297043-16407-1	2641803	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297043-16407**

Trip#: 954177

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor#_____ Trailer# 313

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name MATT Tornatore Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297043-16407-1	2641803	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297044-16407

Print or type. (Form designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297044-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
Offeror's Phone: (973)455-4640

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	DT	23	tons
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208_T#2641805

ERI:HERITAGE [14439321

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Herbert for Honeywell
Signature:
Month: 11 Day: 16 Year: 10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JAMES MUSACCHIO
Signature:
Month: 11 Day: 16 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1297044-1640

HAZMAT BILL OF LADING/MANIFEST

Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
[illegible]	1	[illegible]	[illegible]

5. Offeror's Name and Mailing Address
[illegible]
Offeror's Phone: [illegible]

Offeror's Site Address (if different than mailing address)
[illegible]

6. Transporter 1 Company Name
[illegible] U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
[illegible]
Facility's Phone: [illegible] U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. [illegible]	1	DT	23	tons
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
[illegible] 2641805/2641806

[illegible]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Hurlbut for Honeywell — Signature: [signature] — Month: 11 Day: 16 Year: 10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Mustacchio — Signature: [signature] — Month: 11 Day: 16 Year: 10

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 11 Day: 16 Year: 10

OFFEROR — TRANSPORTER — DESIGNATED FACILITY

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297044-16407**

Trip#: 954178

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 312 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty___

Driver#_____ Driver Name James Mycacchio Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297044-16407-1	2641805	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Hartert for Honeywell Signature Chris Hartert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297044-16407**

Trip#: 954178

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 312 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297044-16407-1	2641805	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297045-16407

PRINT or type. (Form designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297045-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	DT	23	Tons
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208_T#2641807

ERI:HERITAGE [14439331

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hartert for Honeywell	Chris Hartert	11	16	10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Fred Flanz Riccelli Enterprises		11	16	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

129/045--16407

HAZMAT BILL OF LADING/MANIFEST

1 Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10 Containers No.	10 Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	1	DT	23	TONS
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641807 / 2641808

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hartzell for Harry Hall		11	16	10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible] Trucking Enterprises		11	16	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year
Kelley Williams		11	16	10

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297045-16407**

Trip#: 954179 Pick-up: 11/16/10 - 11/16/10

Site#: 123507 Miles: 1125

EPA ID#: NYR000161547 Internal Contact
PO#: 201015917 DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 75 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty d

Driver#_____ Driver Name Fred PFLANZ Date_____

ONTARIO COUNTY LANDFILL (16407) NYR000092654
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES (585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297045-16407-1	2641807	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert Signature Chris Herbert Date 11/16/10
for Honeywell

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

Stop#: **1297045-16407**

Trip#: 954179

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 75 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord.	Type
1	NON-RCRA SOIL (BULK)	1297045-16407-1	2641807	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297046-16407

Form 8700-22a: (Designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297046-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
Offeror's Phone: (973)455-4640

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	DT	23	Tons
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208_T#2641809

ERI-HERITAGE [1443934]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Nortel for Honeywell
Signature: Chris Nortel
Month: 11 Day: 16 Year: 16

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John Riccelli
Signature:
Month: 11 Day: 16 Year: 16

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR'S INITIAL COPY

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

1 2 [illegible] 1 6 4 0 7

HAZMAT BILL OF LADING/MANIFEST

1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
[illegible]	[illegible]	[illegible]	[illegible]

5. Offeror's Name and Mailing Address
[illegible]
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
[illegible]

6. Transporter 1 Company Name
[illegible]
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
[illegible]
Facility's Phone: [illegible]
U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. [illegible]	1	DT	23	Ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
[illegible]

2641809 / 2641810

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Hartel for Honeywell
Signature: [illegible]
Month: 11 Day: 16 Year: 10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible]
Signature: [illegible]
Month: 11 Day: 16 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name: [illegible]
Signature: [illegible]
Month: 11

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

Stop Ticket

Stop#: **1297046-16407**

Trip#: 954180

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE
ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 76 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name John Baldwin Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297046-16407-1	2641809	2212	N4N	1	CM

ADDL EQUIP:

PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Hartert for Honeywell Signature Chris Hartert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297046-16407**

Trip#: 954180

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 76 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty___

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297046-16407-1	2641809	2212	N4N	1	CM

ADDL EQUIP:

PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Form Prepared by: (Form designed for use on elite (12 pitch) typewriter)

1297047-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297047-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
Offeror's Phone: (973)455-4640

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	DT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2205 #26181811

ERI:HERITAGE [1443935]

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hartert for Honeywell	Chris Hartert	11	16	16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Tom Doty		11	16	
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR / TRANSPORTER / DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1297047-16407

Please Print or Type. (Form designed for use on elite (12-pitch) typewriter.)

"HAZMAT" BILL OF LADING/MANIFEST	1 Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt/Vol
	1.	1	DT	2	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641811 / 2641812

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name — Signature — Month 11 — Day 16 — Year 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 11 — Day 16 — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month — Day — Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

HERITAGE ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297047-16407**

Trip#: 954181

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 315 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name Tony Doty Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297047-16407-1	2641811	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE
ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297047-16407**

Trip#: 954181

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 315 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name Tony Doty Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297047-16407-1	2641811	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297048-16407

Print or type. (Form designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297048-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	PT	33	LBS
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2209_T#2641813

ERI#HERITAGE [14439361

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Norbet for Honeywell
Signature: Chris Norbet
Month: 11 Day: 16 Year: 10

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Todd Brown
Signature: Todd Brown
Month: 11 Day: 16 Year: 10

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name
Signature
Month Day Year

OFFEROR'S INITIAL COPY

1297048-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
		1		

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	PT	22	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641813 | 2641814

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name — Signature — Month 11 — Day 16 — Year 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 11 — Day 16 — Year 16

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month 11 — Day 16 — Year 16

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297048-16407**

Trip#: 954182

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 314 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name Todd Brown Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297048-16407-1	2641813	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297048-16407**

Trip#: 954182

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 314 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297048-16407-1	2641813	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297049-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297049-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (If different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208 #2641813

ERI-HERITAGE [14439371

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Mortart for Honeywell	Chris Mortart	11	16	16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Neil Bailey	Neil Bailey	11	16	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR | TRANSPORTER | DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

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

- HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Phone:

Offeror's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	DT	23	P
	2.				
	3.				
	4.				
	5.				
	6.				
	7.	01	DT		

13. Special Handling Instructions and Additional Information

2641815 / 2641816

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hartzell for Hammerhill	Chris Hartzell	11	16	16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Neil Bailey	Neil Bailey	11	16	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR — TRANSPORTER — DESIGNATED FACILITY

TRANSPORTER'S COPY

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 382296
DATE: 1/ 16/2013
TIME: 15:15 - 15:35

CUSTOMER: LE00163 / RICCELLI
HAULCUST: WO: 0 APPROVAL #:
ORIGIN: RR / RENSSELAER
TRUCK: RIC319 TRAILER:
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2208

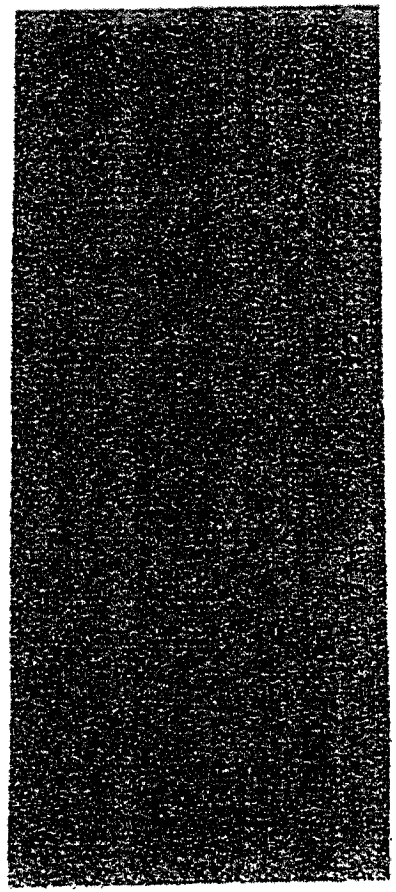
P.O.:
GROSS: 68000 LBS
TARE: 28020 LBS
NET: 39980 LBS
CELL/TANK: P6

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	19.9900	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: Lisa B: PCSCALE1-0 OUT: Lisa B: PCSCALE: 0



Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297049-16407**

Trip#: 954183

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 319 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Neil Bailey Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297049-16407-1	2641815	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name Chris Hartert for Honeywell Signature Chris Hartert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

Stop#: **1297049-16407**

Trip#: 954183

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE
ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 319 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297049-16407-1	2641815	2212	N4N	1	CM

ADDL EQUIP:

PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297050-16407

Print or type (Form designed for use on elite (12 pitch) typewriter.)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297050-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208 I#2641817

ERI:HERITAGE [14439361

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

OFFEROR

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Herbst for Honeywell	Chris Herbst	11	16	16

15. Transporter Acknowledgment of Receipt of Materials

TRANSPORTER

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Bradley Buckland	Bradley Buckland	11	16	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

DESIGNATED FACILITY

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

4297050-16407

HAZMAT BILL OF LADING/MANIFEST

1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Phone:

Offeror's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

Sa HM	9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	BT	23	[illegible]
	2.				
	3.				
	4.				
	5.				
	6.				
	7. 382285	14.52			

13. Special Handling Instructions and Additional Information

2641817 / 2641818

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations

Offeror's Printed/Typed Name — Signature — Month 11 — Day 11 — Year 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 11 — Day 11 — Year 16

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month 11 — Day 11 — Year 16

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Heritage

TICKET: 382285
DATE: 11/16/2010
TIME: 15:16 - 15:34

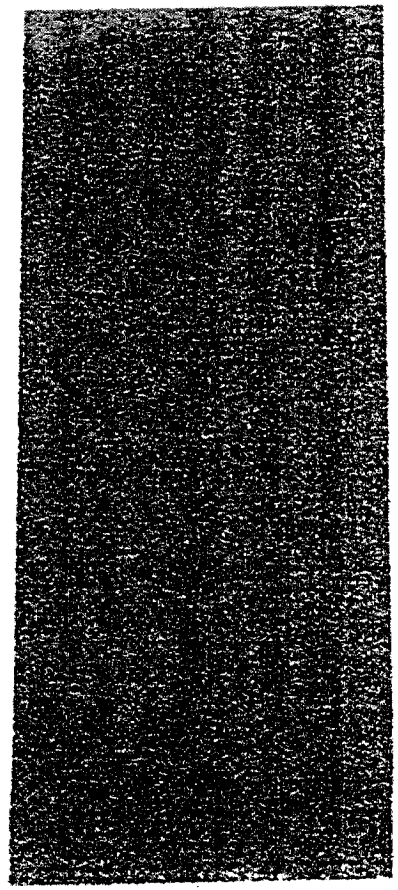
CUSTOMER: LEQ0163 / RICCELLI
HAULCUST:
WO: 0
APPROVAL #:
P.O.:
GROSS: 66620 LBS
TARE: 27580 LBS
NET: 39040 LBS
ORIGIN: RR / RENSSELAER
TRUCK: RIC14
TRAILER:
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI
ROUTE: NA / NON APPLICABLE
COMMENT: 2208
CELL/TANK: P6

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	19.5200	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all wastes contained in this load is authorized for disposal at this facility.

Weighmaster:
Driver:

IN: Lisa
B: PCSCALE1-0
OUT: Lisa
B: PCSCALE1-0



Stop Ticket

Stop#: **1297050-16407**

Trip#: 954184

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE
ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate____ Pickup Demurrage____ Final Delivery Demurrage____

Tractor# 14 Trailer#____

Liner Qty 1 Pump/Hose____ RO# TO HT____ RO# TO HT____

RO# TO GEN____ RO# TO GEN____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 6

Driver#____ Driver Name Charlie Buckalew Date____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297050-16407-1	2641817	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Hostert for Honeywell Signature Chris Hostert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE
ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297050-16407**

Trip#: 954184

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 14 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297050-16407-1	2641817	2212	N4N	1	CM

ADDL EQUIP:

PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name Chris Hartert for Honeywell Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297051-16407

(Form designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297051-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL - RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
Offeror's Phone: (973)455-4640

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	Ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
I.2208_1#2641819

ERI#HERITAGE [14439391

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hurlbert for Honeywell	Chris Hurlbert	11	16	16

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Brad Weeks				
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	1T	22	Ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641819 / 2641820

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name — Signature — Month — Day — Year

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month — Day — Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

[illegible] / ONTARIO COUNTY LANDFILL

[illegible] Waste Systems

[illegible] Rte. 332

[illegible] 14481

TICKET: 382289

DATE: 11 [illegible]

TIME: 13:33 15:42

CUSTOMER: LE00163 / RICCELLI

APPROVAL #:

P.O.:

GROSS: 59920 LBS

TARE: 28240 LBS

NET: 31680 LBS

TRUCK: RIC19

TRAILER:

GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208

HAULER: RIC / RICCELLI

ROUTE: NA / NON APPLICABLE

COMMENT: 2208

CELL/TANK: P6

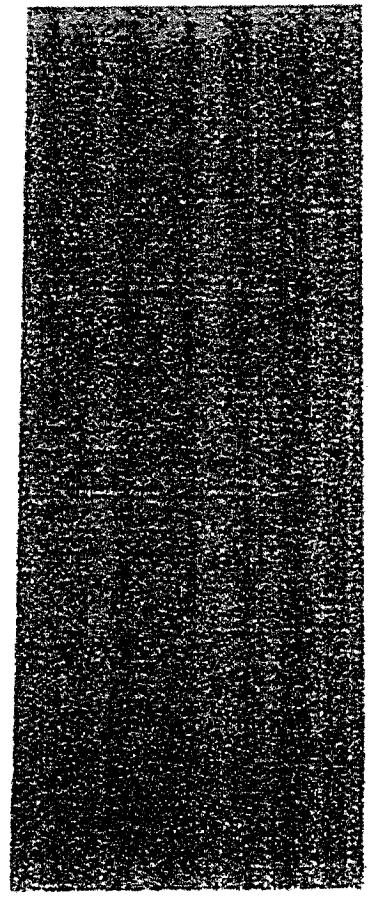
MATERIAL	QUANTITY	UNIT
DC / ALTERNATIVE DAILY COVER	15.8400	ST

I certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster:

Driver:

IN: Lisa B: POSCALE1-0 OUT: Lisa B: POSCALE1-0



Stop Ticket

Stop#: **1297051-16407**

Trip#: 954185

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 19 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name Brad Weeks Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297051-16407-1	2641819	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

Stop#: **1297051-16407**

Trip#: 954185

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE
ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 19 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297051-16407-1	2641819	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297052-16407

Form Type: (Not designated for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297052-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
Offeror's Phone: (973)455-4640

Offeror's Site Address (If different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	Ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208_1#254821

ERI-HERITAGE [14439401]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Herbert for Honeywell
Signature: Chris Herbert
Month: 11 Day: 16 Year: 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name:
Signature: EDDIE Lugo
Month: 11 Day: 16 Year: 16

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR'S INITIAL COPY

1297052-164

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

HAZMAT BILL OF LADING/MANIFEST

1. Offeror's ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone

9a HM	9b U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	DT	23	TN
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641821 / 2641822

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Herbert for Hanson Hill — Signature — Month: 11 — Day: 16 — Year: 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature: EDDIE Lugo — Month: 11 — Day: 16 — Year: 16

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month: 11 — Day: 16 — Year: 16

DESIGNATED FACILITY — TRANSPORTER — OFFEROR

DESIGNATED FACILITY COPY

48

NEWD NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

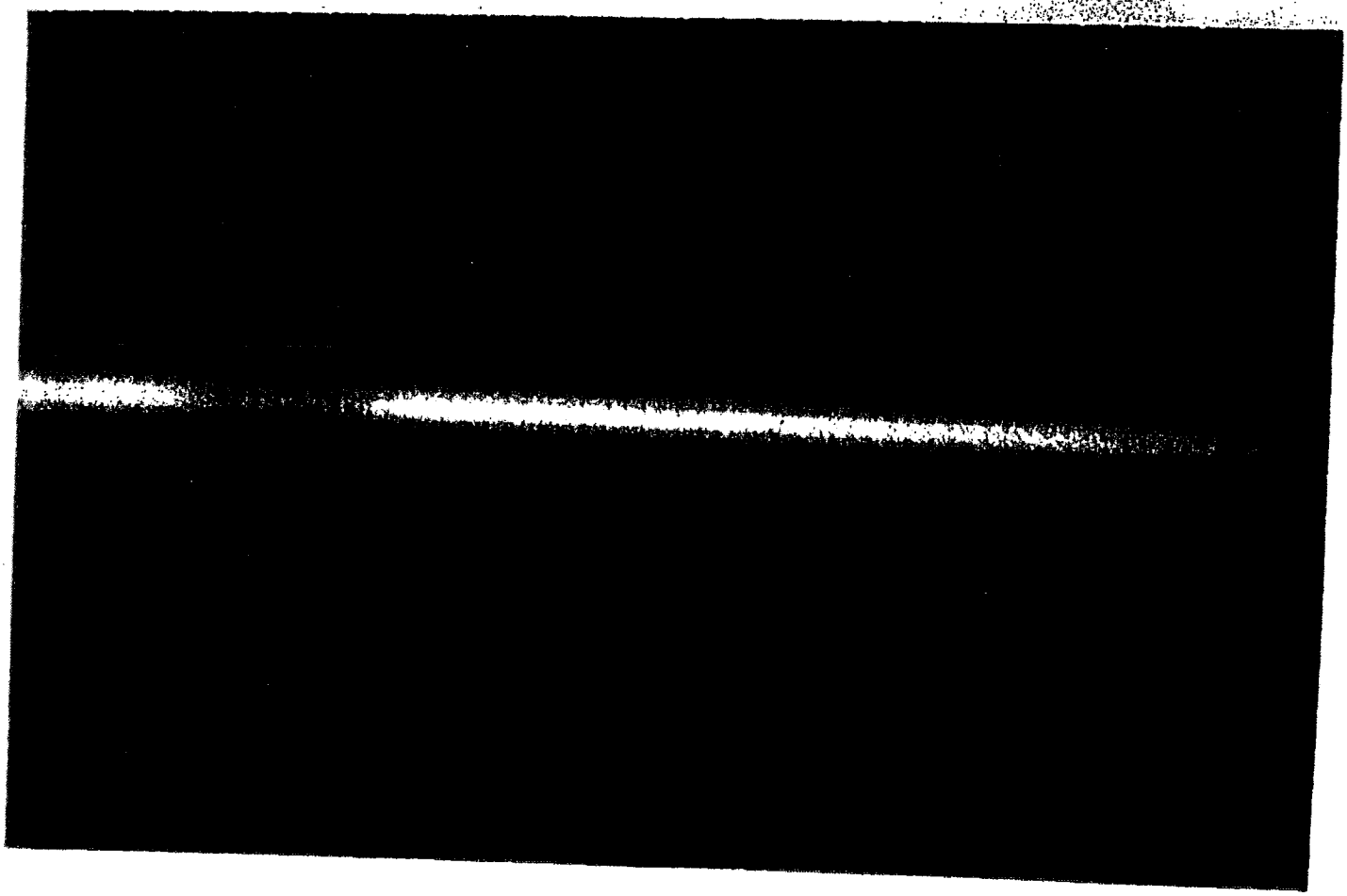
TICKET: 382389
DATE: 11/17/2010
TIME: 07:12 - 07:51

CUSTOMER: LE00163 / RICCELLI P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 69600 LBS
ORIGIN: RR / PENNSYLVANIA TARE: 28980 LBS
TRUCK: RIC48 TRAILER: NET: 40620 LBS
GENERATOR: HONEYWELL / HONEYWELL PROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2208 CELL/TANK: P5

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	20.3100	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY B: PCSCALE1-0



HERITAGE
ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297052-16407**

Trip#: 954186

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 406 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name Eddie Lugo Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297052-16407-1	2641821	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE
ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297052-16407**

Trip#: 954186

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 114 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297052-16407-1	2641821	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297053-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297053-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	VT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.1205 #2041825

ERI:HERITAGE D14439417

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Herbert for Honeywell	Chris Herbert	11	16	16

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Jerry Carroll	Jerry D Carroll	11	16	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

1297053-54407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Phone:

Offeror's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	DT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641823 | 2641824

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Hurlbut for Honeywell — Signature: Chris Hurlbut — Month: 11 — Day: 16 — Year: 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month: 11 — Day: 16 — Year: 16

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month: 11 — Day: 17 — Year: 16

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

DESIGNATED FACILITY'S COPY

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 382328
DATE: 11/17/2010
TIME: 07:14 - 07:49

CUSTOMER: LE00163 / RICCELLI
HAULCUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: RR / RENSSELAER
TRUCK: RIC54 TRAILER:
GENERATOR: HONEYWELL / HONEYWELL PROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2208

GROSS: 72560 LBS
TARE: 29900 LBS
NET: 42600 LBS

CELL/TANK: P5

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	21.3000	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY B: PCSCALE1-0

Stop Ticket

Stop#: **1297053-16407**

Trip#: 954187

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE
ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 54 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name Jeremy Carroll Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297053-16407-1	2641823	2212	N4N	1	CM

ADDL EQUIP:

PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

Stop#: **1297053-16407**

Trip#: 954187

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 541 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 0

Driver#_____ Driver Name_____ Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297053-16407-1	2641823	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

1297054-16407

Form 8700-22A (Front) (Designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number NYR000161547	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Tracking Number 1297054-16407

5. Offeror's Name and Mailing Address: GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address): GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone: — U.S. EPA ID Number: NYR000022654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208 T#2641825

ERI:HERITAGE 14439421

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Herbert for Honeywell	Chris Herbert	11	17	10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Rodney Dudley	Rodney Dudley	11	17	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	FT	23	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641825 / 2641826

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are c[illegible]sified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name — Signature — Month 11 Day 17 Year 10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 11 Day 17 Year 10

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month — Day — Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

47

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

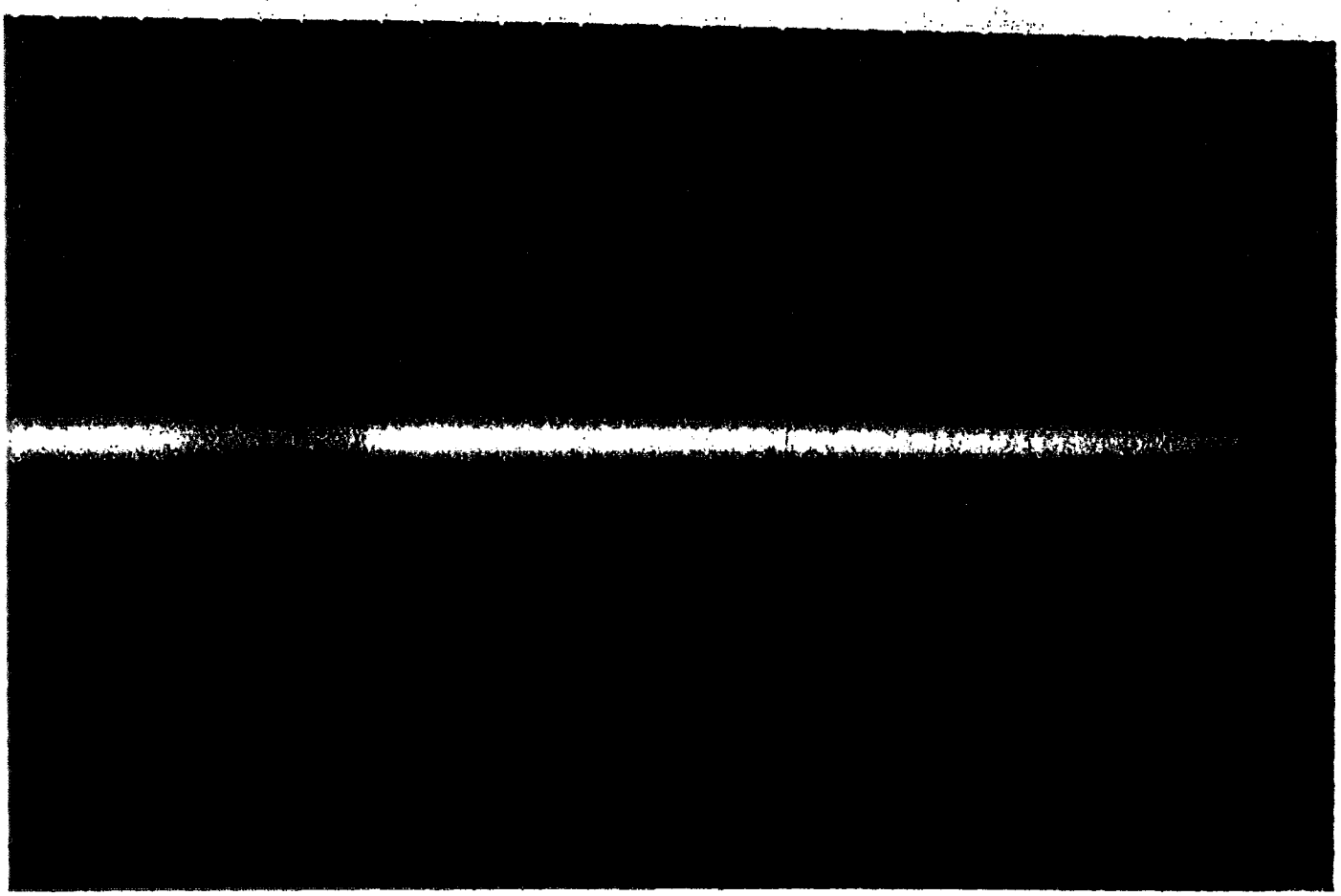
TICKET: 382440
DATE: 11/17/2010
TIME: 12:37 - 13:01

CUSTOMER: LE00163 / RICCELLI
HAULCUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: RR / RENSSELAER
TRUCK: RIC47 TRAILER: GROSS: 71440 LBS
GENERATOR: HONEYWELL / HONEYWELL PROFILE #: 8208 TARE: 28260 LBS
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE NET: 43180 LBS
COMMENT: 2208 CELL/TANK: P6

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	21.5900	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY B: PCSCALE1-0



Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297054-16407**

Trip#: 954188

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 47 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Rodney Duprey Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297054-16407-1	2641825	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297054-16407**

Trip#: 954188

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 47 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Rodney Duprey Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297054-16407-1	2641825	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name Chris Norbert for Honeywell Signature_____ Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297055-16407

Form 8700-22 (Designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297055-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1220S...#284182

ERI:HERITAGE C14439431

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hartzel for Honeywell	Chris Hartzel	11	17	10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Tom Mapple		11	17	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

129705-16487

HAZMAT BILL OF LADING/MANIFEST

1. Offeror's ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	1	11	23	LBS
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641827 / 2641828

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name — Signature — Month 11 Day 17 Year 10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 11 Day 17 Year 10

Transporter 2 Printed/Typed Name — Signature — Month Day Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month 11 Day 17 Year 10

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

31

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Canandaigua, NY 14561

TICKET: 382441
DATE: 11/17/2010
TIME: 12:39 - 13:03

CUSTOMER: LE00163 / RICCELLI
HAULCUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: RR / RENSSELAER
TRUCK: RIC311 TRAILER:
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2208

GROSS: 69460 LBS
TARE: 28720 LBS
NET: 40740 LBS

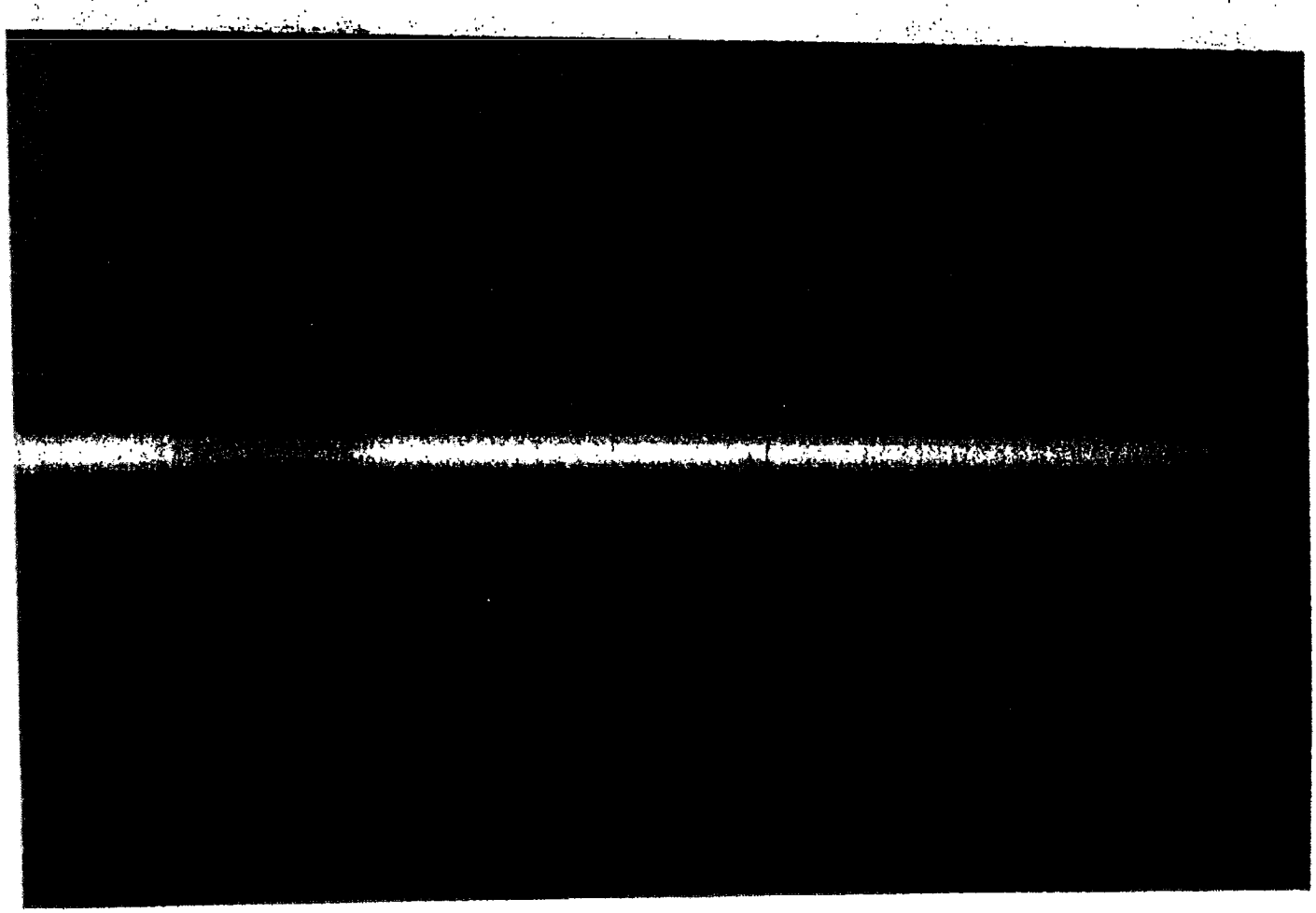
CELL/TANK: PC

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	20.3700	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY B: PCSCALE1-0



Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297055-16407**

Trip#: 954189 Pick-up: 11/16/10 - 11/16/10

Site#: 123507 Miles: 1125

EPA ID#: NYR000161547 Internal Contact
PO#: 201015917 DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 311 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty___

Driver#_____ Driver Name Tom Hnapp Date_____

ONTARIO COUNTY LANDFILL (16407) NYR000092654
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES (585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297055-16407-1	2641827	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE
ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297055-16407**

Trip#: 954189

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 311 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty___

Driver#_____ Driver Name Tom Happle Date_____

ONTARIO COUNTY LANDFILL (16407) NYR000092654
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES (585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297055-16407-1	2641827	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297056-16407

Type or Print Form (Form designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297056-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	01	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208 1#2641929

ERI:HERITAGE E14439441

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Hartert for Honeywell
Signature: Chris Hartert
Month: 11 Day: 17 Year: 10

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Muscacchio
Signature: James Muscacchio
Month: 11 Day: 17 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR'S INITIAL COPY

1 2 9 U S 6 - 1 6 4 0 3 2

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1	01	01	23	lbs
	2				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641829 | 2641830

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Hartert for Honeywell — Signature: Chris Hartert — Month: 11 — Day: 17 — Year: 10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James J Mercurio — Signature: James J Mercurio — Month: 11 — Day: 17 — Year: 10

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month: 11 — Day: 17 — Year: 10

OFFEROR | TRANSPORTER | DESIGNATED FACILITY

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 1629085
DATE: 11/17/2010
TIME: 13:11 - 13:33

CUSTOMER: LE00163 / RICCELLI
HAULCUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: RR / RENSSELAER
TRUCK: RIC312 TRAILER:
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: P20e

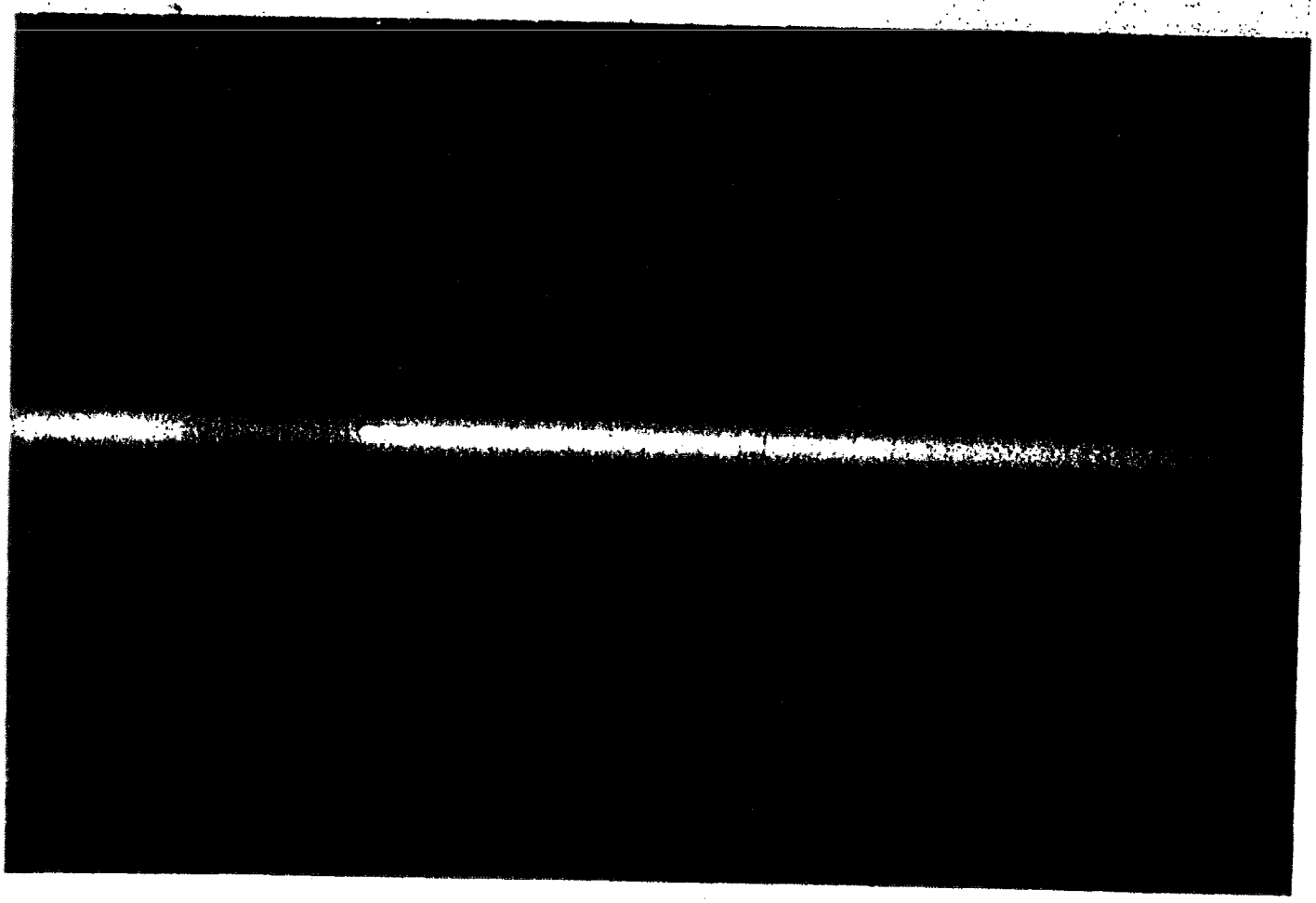
GROSS: 71620 LBS
TARE: 29000 LBS
NET: 42620 LBS

CELL/TANK: PC

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	21.3100	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY B: PCSCALE1-0



Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297056-16407**

Trip#: 954190 Pick-up: 11/16/10 - 11/16/10

Site#: 123507 Miles: 1125

EPA ID#: NYR000161547 Internal Contact
PO#: 201015917 DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 312 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty___

Driver#_____ Driver Name James Masacchio Date_____

ONTARIO COUNTY LANDFILL (16407) NYR000092654
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES (585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297056-16407-1	2641829	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herter for Honeywell Signature Chris Herter Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297056-16407**

Trip#: 954190 Pick-up: 11/16/10 - 11/16/10

Site#: 123507 Miles: 1125

EPA ID#: NYR000161547 Internal Contact
PO#: 201015917 DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 312 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty___

Driver#_____ Driver Name James Muscchio Date_____

ONTARIO COUNTY LANDFILL (16407) NYR000092654
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES (585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297056-16407-1	2641829	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297057-16407

Form Page 4 (redesigned for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297057-16407

5. Offeror's Name and Mailing Address
HONEYWELL / NASH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
DEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2205 1#284193.1

ERI:HERITAGE [14439451]

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Herbert for Honeywell	Chris Herbert	11	17	16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Brad Clarke				
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1297057 - 1640

HAZMAT BILL OF LADING/MANIFEST

1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	T	22	Ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7. #38247	19	X8		

13. Special Handling Instructions and Additional Information

2641831 | 2641832

14 **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hetzel for Honeywell		11	17	

15 Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16 Discrepancy

17 Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year
		11	17	

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

[redacted] ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 382478
DATE: 11/17/2010
TIME: 14:01 - 14:25

CUSTOMER: LE00163 / RICCELLI
HAULCUST: WO: 0 APPROVAL #:
ORIGIN: RR / RENSSELAER
TRUCK: 91C19 TRAILER:
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
[redacted]
COMMENT: 2208

P.O.:
GROSS: 67820 LBS
TARE: 28060 LBS
NET: 39760 LBS
CELL/TANK: P6

MATERIAL	QUANTITY	UNIT
40 ALTERNATIVE DAILY COVER	19.8800	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: NANCY B: PCSCALE1-D OUT: NANCY B: PCSCALE1-D

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297057-16407**

Trip#: 954191 Pick-up: 11/16/10 - 11/16/10

Site#: 123507 Miles: 1125

EPA ID#: NYR000161547 Internal Contact
PO#: 201015917 DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 19 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty

Driver#_____ Driver Name Brad Weeks Date_____

ONTARIO COUNTY LANDFILL (16407) NYR000092654
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES (585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297057-16407-1	2641831	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297057-16407**

Trip#: 954191

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 19 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Brad Weeks Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297057-16407-1	2641831	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297058-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297058-16407

5. Offeror's Name and Mailing Address
HONEYWELL / HON H GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / HON H GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208 1#2641833

ERI:HERITAGE I14439461

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hoeltert for Honeywell	Chris Hoeltert	11	17	10

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Neil Bailey	Neil Bailey	11	17	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

1227052116407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	21	DT	23	Lbs
	2.				
	3.				
	4.				
	5.				
	6.				
	7. 383505	21.72			

13. Special Handling Instructions and Additional Information

2641833 | 2641834

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name — Signature — Month 11 Day 17 Year 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Neil Bailey — Signature: Neil Bailey — Month 11 Day 17 Year 10

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month 11 Day 17 Year 16

OFFEROR | TRANSPORTER | DESIGNATED FACILITY

TRANSPORTER'S COPY

Heritage

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
[illegible] NYS Route 5&20
Stanley, NY 14561

TICKET: 382509
DATE: 11/17/2010
TIME: 14:58 - 15:28

CUSTOMER: LE00163 / RICCELLI
HAULCUST: WO: 0 APPROVAL #:
ORIGIN: RR / RENSSELAER
TRUCK: RIC319 TRAILER:
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE

P.O.:
GROSS: 72040 LBS
TARE: 28600 LBS
NET: 43440 LBS

CELL/TRANS: 18

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	21.7200	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY B: PCSCALE1-0

ned

Stop Ticket

Stop#: **1297058-16407**

Trip#: 954192

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 319 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Neil Bailey Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297058-16407-1	2641833	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Hortert for Honeywell Signature Chris Hortert Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE
ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297058-16407**

Trip#: 954192

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 319 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Neil Bailey Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297058-16407-1	2641833	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297059-16407

Print or Type (Form designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297059-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RALPH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (If different than mailing address)
HONEYWELL / RALPH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	VT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2205 - 12841535

ERI-HERITAGE [14439471]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Herbert for Honeywell
Signature:
Month: 11 Day: 17 Year: 10

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bradley Buckland
Signature:
Month: 11 Day: 17 Year: 10

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR'S INITIAL COPY

Please Print or Type. Form designed for use on elite (12-pitch) typewriter.

1297059-16407 14

HAZMAT BILL OF LADING/MANIFEST	1 Offeror's ID Number	2 Page 1 of	3 Emergency Response Phone	4 Tracking Number

5 Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone

6 Transporter 1 Company Name — U S EPA ID Number

7 Transporter 2 Company Name — U S EPA ID Number

8 Designated Facility Name and Site Address — U S EPA ID Number

Facility's Phone

9a HM	9b U S DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10 Containers No.	10 Containers Type	11 Total Quantity	12 Unit Wt./Vol.
	1.	01	DT	23	Lbs
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

382494 20.77

13 Special Handling Instructions and Additional Information

2641835 | 2641836

14 OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
		11	17	10

15 Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
		11	17	10
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16 Discrepancy

17 Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by this manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR — TRANSPORTER — DESIGNATED FACILITY

TRANSPORTER'S COPY

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 382494
DATE: 11/17/2010
TIME: 14:41 - 15:01

CUSTOMER: LE00163 / RICCELLI
HAULCUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: RR / RENSSELAER
TRUCK: RIC14 TRAILER:
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2808

GROSS: 68960 LBS
TARE: 27420 LBS
NET: 41540 LBS

CELL/TANK: P6

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	20.7700	ST

I Certify under penalty of perjury that I am familiar with wastes accepted at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY I: PCSCALE1-0

Stop Ticket

Stop#: **1297059-16407**

Trip#: 954193

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 14 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Charlie Buckalew Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297059-16407-1	2641835	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Norbert for Honeywell Signature Chris Norbert Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

Stop#: **1297059-16407**

HERITAGE ENVIRONMENTAL SERVICES

Trip#: 954193 Pick-up: 11/16/10 - 11/16/10

Site#: 123507 Miles: 1125

EPA ID#: NYR000161547 Internal Contact
PO#: 201015917 DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 14 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Charlie Buckalew Date_____

ONTARIO COUNTY LANDFILL (16407) NYR000092654
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES (585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297059-16407-1	2641835	2212	N4N	1	CM

ADDL EQUIP:

PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep Name Chris Hartert for Honeywell Signature Chris Hartert Date 11/17/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297060-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297060-16407

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / ASH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICPI CHRISTMAN
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	DT	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2206 / #2541837

ERI=HERITAGE [14439483]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hartert for Honeywell	Chris Hartert	11	15	16

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Tom Hopple		11	1	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

HAZMAT BILL OF LADING/MANIFEST

1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	DT	23	Ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641837/2641838

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Chris Barton for Honeywell — Signature — Month: 11 — Day: 16 — Year: 16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month — Day — Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

1629085 311

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

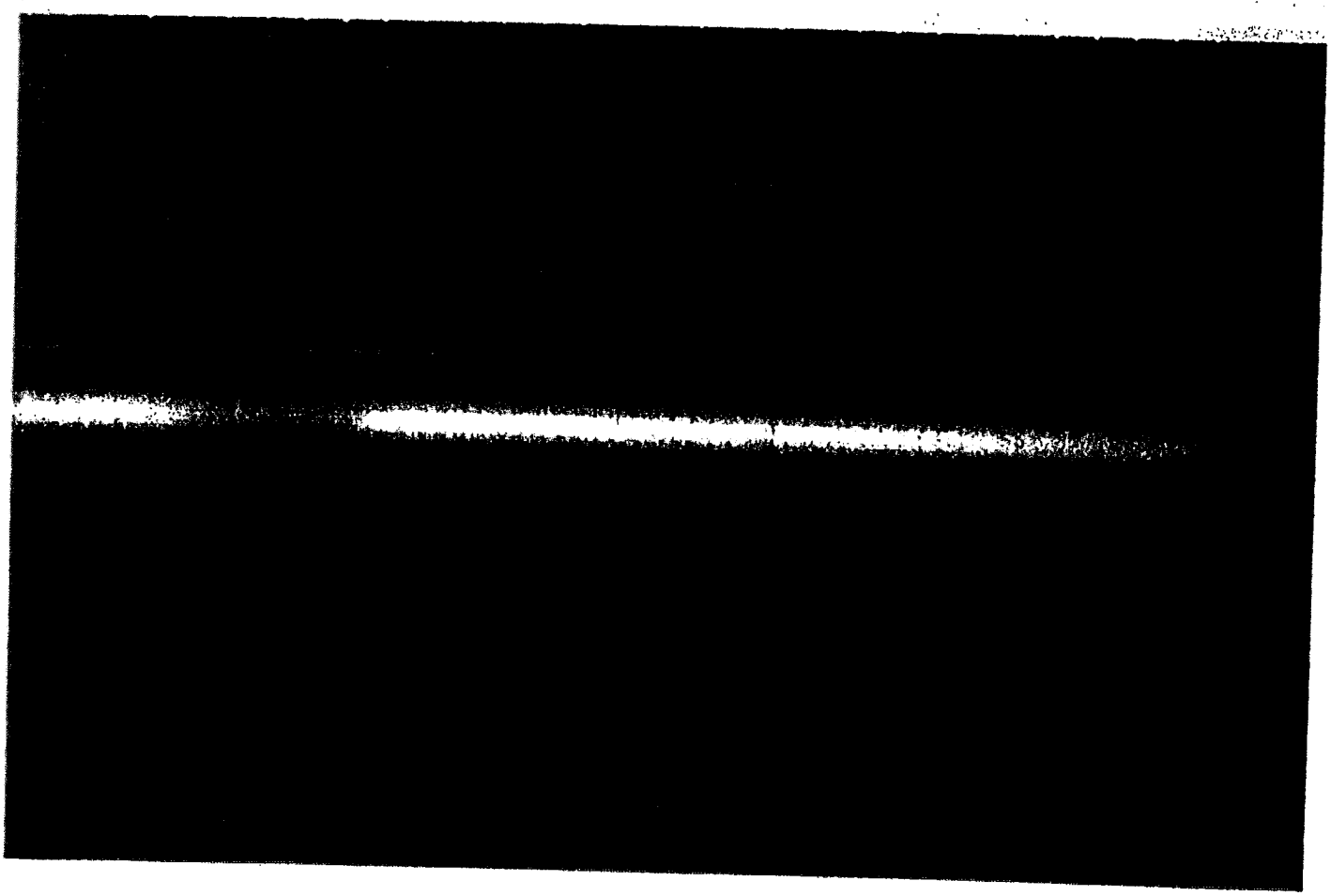
TICKET: 382680
DATE: 11/18/2010
TIME: 13:01 - 13:30

CUSTOMER: LE-00466 / HERITAGE ENVIRONMENTAL P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 89080 LBS
ORIGIN: RR / RENSSELAER TARE: 28820 LBS
TRUCK: RIC311 TRAILER: NET: 60260 LBS
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2208 CELL/TANK: P5

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	30.1300	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY B: PCSCALE1-0



Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297060-16407**

Trip#: 954194

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 311 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 1

Driver#_____ Driver Name Tom Happle Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES
NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297060-16407-1	2641837	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name Chris Herbert for Honeywell Signature Chris Herbert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

HERITAGE
ENVIRONMENTAL SERVICES

Stop Ticket

Stop#: **1297060-16407**

Trip#: 954194

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 311 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Tom Happle Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297060-16407-1	2641837	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/18/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

1297061-16407

Form Size: 8 1/2 x 11 (designed for use on elite (12 pitch) typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1297061-16407

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH ORISKANY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
Facility's Phone: (585)526-4420
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	01	07	23	ton
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2205 1#2841839

ERI#HERITAGE D14439491

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Hurtert for Honeywell	Chris Hurtert	11	18	16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Rodney DuPrey	Rodney DuPrey	11	18	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1297061 – 1540?

Please Print or Type. (Form designed for use on elite (12-pitch) typewriter.)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number

5. Offeror's Name and Mailing Address

Offeror's Site Address (if different than mailing address)

Offeror's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1.	01	DT	22	L
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

2641839 / 2641840

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Chris Herbert for Honeywell	Chris Herbert	11	12	16

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	11	14	16
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	11	14	16

OFFEROR — TRANSPORTER — DESIGNATED FACILITY

TRANSPORTER'S COPY

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 382679
DATE: 11/18/2010
TIME: 13:00 - 13:25

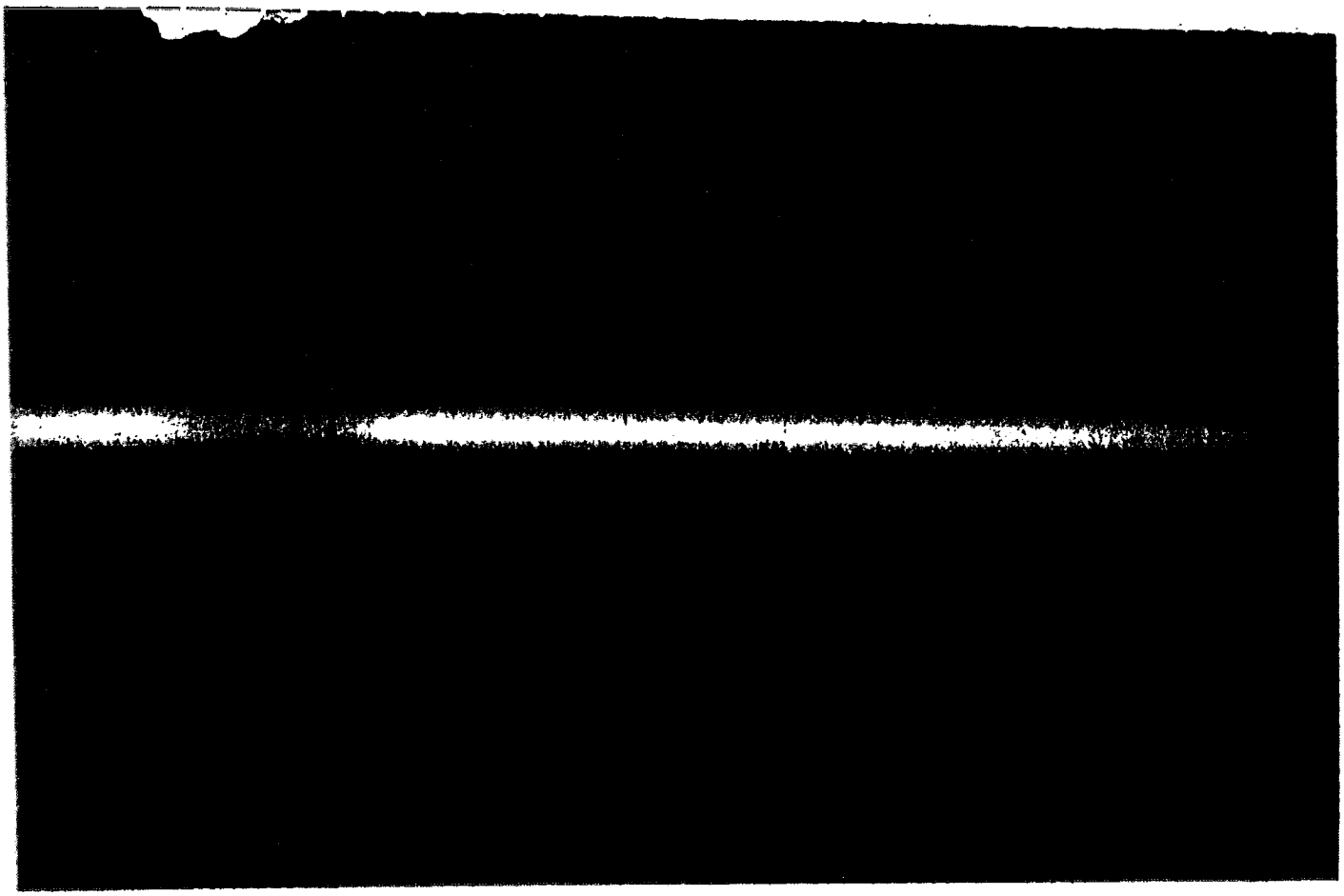
CUSTOMER: LE-00466 / HERITAGE ENVIRONMENTAL
HAULCUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: RR / RENSSELAER
TRUCK: RIC47 TRAILER:
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2208

GROSS: 80440 LBS
TARE: 28320 LBS
NET: 52120 LBS
CELL/TANK: P5

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	26.0600	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: NANCY B: PCSCALE1-0 OUT: NANCY B: PCSCALE1-0



Stop Ticket

Stop#: **1297061-16407**

Trip#: 954195

Site#: 123507

EPA ID#: NYR000161547
PO#: 201015917

HERITAGE ENVIRONMENTAL SERVICES

Pick-up: 11/16/10 - 11/16/10

Miles: 1125

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 47 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty 1

Driver#_____ Driver Name Rodney Duprey Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297061-16407-1	2641839	2212	N4N	1	CM

ADDL EQUIP:

PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name Chris Hartert for Honeywell Signature Chris Hartert Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

Stop Ticket

HERITAGE ENVIRONMENTAL SERVICES

Stop#: **1297061-16407**

Trip#: 954195

Pick-up: 11/16/10 - 11/16/10

Site#: 123507

Miles: 1125

EPA ID#: NYR000161547
PO#: 201015917

Internal Contact
DOUGLAS THURSTON (877)381-2341

Mailing Address

RICH GALLOWAY
HONEYWELL
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
UNITED STATES

Site Address (GEN\TSD)

HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
UNITED STATES

Phone# (973)455-4640
HIGGINS, JOHN - (800)545-7655

RICCELLI ENTERPRISES INC (11206) (315)433-5115
US DOT#: 918319

Emergency Rate_____ Pickup Demurrage_____ Final Delivery Demurrage_____

Tractor# 41 Trailer#_____

Liner Qty 1 Pump/Hose_____ RO# TO HT_____ RO# TO HT_____

RO# TO GEN_____ RO# TO GEN_____

Stop Type LIVE LOAD RO Type OPEN TOP RO Size 20 Liner Qty_____

Driver#_____ Driver Name Rodney Duprey Date_____

ONTARIO COUNTY LANDFILL (16407)
1879 STATE ROUTE 5 & 20, STANLEY, NY 14561 UNITED STATES

NYR000092654
(585)526-4420

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord	Type
1	NON-RCRA SOIL (BULK)	1297061-16407-1	2641839	2212	N4N	1	CM

ADDL EQUIP:
PPE: GLVS,GOGLS,APRON OR PCTYVEK SUIT

Site Rep
Name_____ Signature_____ Date 11/16/10

133685: MACTECH ENGINEERING & CONSULTING
Company\Loc: 48\66

AMERICAN WASTE MANAGEMENT SERVICES, INC.
ONE AMERICAN WAY WARREN, OHIO 44484-5555
(330) 856-8800 FAX (330) 856-8482

V#1116612

BILL TO: P-8879

INVOICE: 110603
DATE: 12/22/2010
TERMS: 30 DAYS

MACTECH ENGINEERING AND CONSULTING INC
1105 LAKEWOOD PARKWAY
SUITE 300
ALPHARETTA GA 30009
ATTENTION: ACCOUNTS PAYABLE

PO NO: PO# 2011016658

WASTE ID NO: 45129
WASTE NAME: GROUNDWATER
GENERATOR: HONEYWELL INTERNATIONAL INC
PLANT:

REFERENCE NO: DESCRIPTION	DATE DESCRIPTION	ACTUAL QUANTITY	MINIMUM QUANTITY	COST PER UNIT	UNIT	COST PER ITEM MIN*	TAX PER ITEM	TOTAL TRANSPORTATION	TOTAL DISPOSAL	TOTAL ANALYTICAL
#:15026/45129 DISPOSAL	12/08/2010 T & D	6000.00	5,000.00	$0.67	GALLON	$4,020.00			$4,020.00	
#:15027/45129 DISPOSAL	12/08/2010 T & D	4900.00	5,000.00	$0.67	GALLON	$3,350.00 *			$3,350.00	
#:15029/45129 DISPOSAL	12/09/2010 T & D	6320.00	5,000.00	$0.67	GALLON	$4,234.40			$4,234.40	
#:15030/45129 DISPOSAL	12/09/2010 T & D	2493.00	5,000.00	$0.67	GALLON	$3,350.00 *			$3,350.00	
VACUUM CHARGE		2.00		$115.00	HOUR	$230.00		$230.00		
							$0.00	$230.00	$14,954.40	$0.00

TOTAL TRANS. LOADS: 0.00
TOTAL MINI TRANS. UNITS: 0.00
TOTAL ACTUAL TRANS. UNITS: 0.00
TOTAL DISPOSAL LOADS: 4.00
TOTAL MINI DISPOSAL UNITS: 22320.00
TOTAL ACTUAL DISPOSAL: 19713.00 GALLON

TOTAL DISPOSAL:	$14,954.40
TOTAL TRANSPORTATION:	$230.00
SUBTOTAL:	$15,184.40
TOTAL SALES TAX:	$0.00
TOTAL INVOICE:	$15,184.40

PLEASE REMIT TO AMERICAN WASTE MANAGEMENT SERVICES, INC.
P.O. Box 76688 Cleveland, OHIO 44101-6500

A service charge of 1 1/2% per month, which is an annual percentage rate of 18%, will be charged on all balances over 30 days.

www.enpro.com www.tsdf.com www.hazardouswaste.com

ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: NYR000161547 Manifest Document No. 15026 2. Page 1 of 1

3. Generator's Name and Mailing Address: Honeywell, Inc. Attn: Rob Crowley
101 Columbia Road
Morristown NY 07962
4. Generator's Phone (973) 455-4640

A. Non Hazardous Manifest Document Number: NHZ001 15026
B. State Gen. Site Address: 5079 Ny Route 67 Hoosick Falls NY 12090
C. State ID (tic Plate #): ME
D. Transporter's Phone: 978-465-1595
E. State ID (tic Plate #):
F. Transporter's Phone:
G. State Facility's ID: SAME
H. Facility Phone: 207-799-0860

5. Transporter 1 Company Name: ENPRO SERVICES, INC. 6. US EPA ID Number: MAD980670004
7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address: ENPRO SERVICES OF MAINE, INC.
106 MAIN STREET
SOUTH PORTLAND ME 04106
10. US EPA ID Number: MED019051069

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. NON DOT, NON RCRA REGULATED MATERIAL	001	TT	16000	G	State NONE / State NONE
b.					State / State
c.					State / State
d.					State / State

J. Additional Descriptions for Materials Listed Above: (L) excavation storm water (ME-1210-03858)

K. Handling Codes for Wastes Listed Above: a. Interim Final b. Interim Final c. Interim Final d. Interim Final

15. Special Handling Instructions and Additional Information
ENPRO SERVICES, INC. - 24 HOURS - (800) 966-1102 1)PO# 7370

Point of Departure: ENPRO JOB# 7644-10

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
Chris Herbert for Honeywell	Chris Herbert	1	12	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Mike NAIMC		1	12	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year

GENERATOR'S COPY

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ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYR000161547 — Manifest Document No. 15027 — 2. Page 1 of 1

3. Generator's Name and Mailing Address
Honeywell, Inc.
101 Columbia Road
Morristown NY 07962
Attn: Rob Crowley
4. Generator's Phone (973) 455-4640

A. Non-Hazardous Manifest Document Number: NHZ001 15027
B. State Gen. Site Address: 5079 Ny Route 67, Hoosick Falls NY 12090
C. State Trans. Plate #: ME
D. Transporter's Phone: 978 465 1595
E. State Trans. Plate #:
F. Transporter's Phone:
G. State Facility's ID: SAME
H. Facility's Phone: 207-799-0860

5. Transporter 1 Company Name: ENPRO SERVICES, INC. — 6. US EPA ID Number: MAD980670004
7. Transporter 2 Company Name — 8. US EPA ID Number:
9. Designated Facility Name and Site Address: ENPRO SERVICES OF MAINE, INC., 106 MAIN STREET, SOUTH PORTLAND ME 04106 — 10. US EPA ID Number: MED019051069

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON DOT, NON RCRA REGULATED MATERIAL	001	TT	4400	G	State NONE / State NONE
b.					State / State
c.					State / State
d.					State / State

J. Additional Descriptions for Materials Listed Above: (L) excavation storm water (ME-1210-03858)

K. Handling Codes for Wastes Listed Above: a. Interim / Final; b. Interim / Final; c. Interim / Final; d. Interim / Final

15. Special Handling Instructions and Additional Information
ENPRO SERVICES, INC. - 24 HOURS - (800) 966-1102
1) PO# 7370

Point of Departure: ENPRO JOB# 7644-10

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
Chris Hortert for Honeywell		12	07	10

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Michael O'Brien		12	08	10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year

GENERATOR'S COPY

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www.enpro.com www.tsdf.com www.hazardouswaste.com

ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYR000161547 | Manifest Document No. 15029 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Honeywell, Inc.
101 Columbia Road
Morristown NY 07962
Attn: Rob Crowley

4. Generator's Phone (973) 455-4640

5. Transporter 1 Company Name: ENPRO SERVICES, INC.
6. US EPA ID Number: MAD980670004
7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
ENPRO SERVICES OF MAINE, INC.
106 MAIN STREET
SOUTH PORTLAND ME 04106
10. US EPA ID Number: MED019051069

A. Non-Hazardous Manifest Document Number: NHZ001 15029
B. State Gen. Site Address: 6079 Ny Route 67 Hoosick Falls NY 12090
C. State Trans. License Plate #: [illegible]
D. Transporter's Phone: 978-465-1596
E. State Trans. License Plate #:
F. Transporter's Phone:
G. State Facility's ID: SAME
H. Facility's Phone: 207-799-0860

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON DOT, NON RCRA REGULATED MATERIAL	001	TT	6320	G	State NONE / State NONE
b.					State / State
c.					State / State
d.					State / State

J. Additional Descriptions for Materials Listed Above
a. (L) excavation storm water (ME-1210-03868)
b.
c.
d.

K. Handling Codes for Wastes Listed Above: a. Interim Final; b. Interim Final; c. Interim Final; d. Interim Final

15. Special Handling Instructions and Additional Information
ENPRO SERVICES, INC. - 24 HOURS - (800) 966-1102
1)PO# 7370

Point of Departure: ENPRO JOB# 7644-10

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

Printed/Typed Name: Chris Horter for Honeywell | Signature: Chris Horter | Month 12 Day 09 Year 10

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John Lowell | Signature: John Lowell | Date: Month 12 Day 09 Year 10

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Date: Month Day Year

GENERATOR'S COPY

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ENPRO

NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYR000161547 Manifest Document No. 15030 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
Honeywell, Inc.
101 Columbia Road
Morristown NY 07962
Attn: Rob Crowley

4. Generator's Phone (973) 455-4640

A. Non Hazardous Manifest Document Number: NHZ001 15030

B. State Gen. Site Address: 5070 Ny Route 67 Hoosick Falls NY 12090

C. State Trans. ID (Trk Plate #): ME

D. Transporter's Phone: 978-465-1595

5. Transporter 1 Company Name: ENPRO SERVICES, INC.

6. US EPA ID Number: MAD980670004

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Trans. ID (Trk Plate #)

F. Transporter's Phone

9. Designated Facility Name and Site Address
ENPRO SERVICES OF MAINE, INC.
106 MAIN STREET
SOUTH PORTLAND ME 04106

10. US EPA ID Number: MED019051069

G. State Facility's ID: SAME

H. Facility's Phone: 207-799-0850

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. NON DOT, NON RCRA REGULATED MATERIAL	001	TT	2473	G	State NONE State NONE
b.					State State
c.					State State
d.					State State

GENERATOR

J. Additional Descriptions for Materials Listed Above: (L) excavation storm water (ME-1210-03858)

K. Handling Codes for Wastes Listed Above: a. Interim Final b. Interim Final c. Interim Final d. Interim Final

15. Special Handling Instructions and Additional Information
ENPRO SERVICES, INC. - 24 HOURS - (800) 966-1102
1)PO# 7370

Point of Departure: ENPRO JOB# 7644-10

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

Printed/Typed Name	Signature	Month	Day	Year
Chris Hartert for Honeywell	Chris Hartert	1	20	10

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Mike Naimo		1	20	10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

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1355586-15119

Form 8700-22 (Rev. 3/05) Previous editions obsolete. (12 pitch typewriter)

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1355586-15119

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67 F
HOOSICK FALLS, NY 12090
GEN# 123507

6. Transporter 1 Company Name
HERITAGE TRANSPORT, LLC-ALBANY
U.S. EPA ID Number
IND056484114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
HERITAGE-WTI, INC.
1250 SAINT GEORGE STREET
EAST LIVERPOOL, OH 43920
Facility's Phone: (330)385-7336
U.S. EPA ID Number
OHD980613541

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED (6x85)	006	DF	03300	P
	2. NON-DOT/NON-RCRA REGULATED (12x85, 5x55)	017	DM	09350	P
	3.				
	4.				
	5.				
	6.				
	7.				

SCANNED/ IN CENTRIC

13. Special Handling Instructions and Additional Information
1.000_W6_0592617 2.000_W6_0592615

ERI:HERITAGE 11495262T

TRANSPORTER

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Greg S. Oslosky for Honeywell	Greg S. Oslosky	4	18	11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Kurt A Hauck		04	18	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

1355586-15119

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYROC016547	1	(800)326-1221	1355586-15119

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4440
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5022 NY RTE 67
HOOSICK FALLS, NY 12090
GEN# 123507

6. Transporter 1 Company Name
HERITAGE TRANSPORT, LLC-ALBANY
U.S. EPA ID Number
IND056434114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
HERITAGE-WTI, INC.
1250 SAINT GEORGE STREET
EAST LIVERPOOL, OH 43920
Facility's Phone: (330)385-7336
U.S. EPA ID Number
OHD980613547

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED (6x85)	006	DF	03300	P
	2. NON-DOT/NON-RCRA REGULATED (10x85, 5x55)	017	DM	09350	P
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.000 WB 0592617 2.000 WB 0592615
6

ERI-HERITAGE 1145592621

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Cori S. Oslosky for Honeywell
Signature: Cori S. Oslosky
Month: 4 Day: 16 Year: 11

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kurt A Marks
Signature:
Month: 04 Day: 18 Year: 11

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR'S INITIAL COPY

1354462-15119

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1354462-15119

OFFEROR

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
Offeror's Phone: (973)455-4640

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
HERITAGE TRANSPORT, LLC-ALBANY
U.S. EPA ID Number
INDOS8484114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
HERITAGE-WTI, INC.
1250 SAINT GEORGE STREET
EAST LIVERPOOL, OH 43920
Facility's Phone: (330)385-7336
U.S. EPA ID Number
OHD980613541

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED 10x25; 3x55	013	DM	6500	P
	2. NON-DOT/NON-RCRA REGULATED 4x55	004	DM	2000	P
	3. NON DOT/NON RCRA Regulated 9x85		DF	4500	P
	4.				
	5.				
	6.				
	7.				

12,082 lbs

13. Special Handling Instructions and Additional Information
1.000_WS_0592617 2.000_WS_0592615

ERI:HERITAGE [14949661

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: GREG S. OSLOSKY for Honeywell
Signature:
Month: 4 Day: 18 Year: 11

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: KURT A SAMUEL
Signature:
Month: 04 Day: 18 Year: 11

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR'S INITIAL COPY

13544462-15119

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	13544462-15119

5. Offeror's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 37
HOOSICK FALLS, NY 12090
GEN: 123507

Offeror's Phone:

6. Transporter 1 Company Name
HERITAGE TRANSPORT, LLC-ALBANY
U.S. EPA ID Number
IND063431114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
HERITAGE-WTI, INC.
1250 SAINT GEORGE STREET
EAST LIVERPOOL, OH 43920
Facility's Phone: (330)385-7336
U.S. EPA ID Number
OHD980613541

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED 10x75; 3x55	013	DM	6500	P
	2. NON-DOT/NON-RCRA REGULATED 4x55	004	DM	2200	P
	3. Non DOT/non RCRA Regulated 7x85	007	DF	4500	P
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1,000_96_05926(7) 2,000_98_05926(5)

ERI-HERITAGE EL4949261

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Carl C. Oslosky for Honeywell	Carl C. Oslosky	4	18	11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Kurt A. Gaines		04	18	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000161547	1	(800)326-1221	000393704WAS

GENERATOR

5. Generator's Name and Mailing Address
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Generator's Phone:

Generator's Site Address (if different than mailing address)
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN# 129507

6. Transporter 1 Company Name
HERITAGE TRANSPORT, LLC-ALBANY
U.S. EPA ID Number
IND038484114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
HERITAGE-WTI, INC.
1250 SAINT GEORGE STREET
EAST LIVERPOOL, OH 43920
(330)385-7936
Facility's Phone:
U.S. EPA ID Number
OHD980613541

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PGIII, (REACTIVE SULFIDE, BARIUM, CRESOLS) ERG#171	002	DF	01000	P	D003		B
X	2. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PGIII, (TETRACHLOROETHENE, VINYL CHLORIDE), ERG#171	002	DM	01000	P	D039	D043	E
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.000_WS_0592618_LDR 2.000_WT_0592616_LDR

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately d... marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and nat... Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a sma...

Generator's/Offeror's Printed/Typed Name: GREG S. OSLOSKY for Honeywell
Signature
Month Day Year: 3/8/11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/...
Transporter signature (for exports only): Date leaving U...

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible]
Signature
Month Day Year: 3/8/11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ... ejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040	H040		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: /
Signature
Month Day Year

1579 lbs
Haz 911
D018 & D043

Haz 699
D001 & D039
1610 ea x 31

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[illegible]	1	[illegible]	000393704WAS

GENERATOR

5. Generator's Name and Mailing Address
[illegible]

Generator's Site Address (if different than mailing address)
[illegible]

Generator's Phone: [illegible]

6. Transporter 1 Company Name
[illegible]

U.S. EPA ID Number
[illegible]

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
[illegible]

U.S. EPA ID Number
[illegible]

Facility's Phone: [illegible]

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PG III, (REACTIVE SULFIDE, SULFIDE), ERG#171	002	DF	01000	P	D001		E
X	2. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PG III, (CYANIDE/SULFIDE, VOLATILE), ERG#171	002	DM	01000	P	D001	D003	D011 E
	3.							
	4.							

14. Special Handling Instructions and Additional Information
[illegible]

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	12	18	11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	12	18	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040	H040		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
/				

r_cont_wt.4ge

Shipments Received in ARTS

For Date 05/02/2011 to 05/02/2011

Date: 05/02/2011
Time: 13:03:28

Authorization WStream	PCod	Manifest Quote	Pg	Ln	S	Typ	Size	Trk/Cont	Sample Id	Wt lbs	Gal	Waste Type	Pick List
Company: MACTECH ENGINEERING & CONSULTING 133685 2011-04-29 12:57													
HT11043001 000393704WAS													
123507-5	8074	592618	001	001	S	DF	85	1001136235	L406127	567		100% solid	S0
	8074	592618	001	001	S	DF	85	1001136236		323		100% solid	S0
Total for w_stream 123507-5 Count 2 Pounds: 890 Class 000													
123507-7	8073	592616	001	002	S	DM	85	1001136254	L406131	367		100% solid	
	8073	592616	001	002	S	DM	85	1001136258		322		100% solid	
Total for w_stream 123507-7 Count 2 Pounds: 689 Class 000													
Total for manifest 000393704WAS Count 4 Pounds: 1,579													
Total for auth. HT11043001 Count 4 Pounds: 1,579													
Total for customer: 133685 Count 4 Pounds: 1,579													
Total for Bulk: Count: Pounds - Gal:													
Total for Containers: Count: 4 Pounds: 1,579													
TOTAL FOR REPORT: 1,579													

Date: 05/02/2011
Time: 13:03:16

Authorization WStream	PCod	Manifest Quote	Pg	Ln	S	Typ	Size	Trk/Cont	Sample	IdWt lbs	Gal	Waste Type	Pick List
Company: MACTECH ENGINEERING & CONSULTING 133685 2011-04-29 12:57													
HT11043001 1354462-15119													
123507-6	8073	592617	001	001	S	DM	85	1001136201	L406122	686		100% solid	
	8073	592617	001	001	S	DM	85	1001136202		552		100% solid	
	8073	592617	001	001	S	DM	85	1001136204		531		100% solid	
	8073	592617	001	001	S	DM	85	1001136205		663		100% solid	
	8073	592617	001	001	S	DM	85	1001136206		700		100% solid	
	8073	592617	001	001	S	DM	85	1001136208		417		100% solid	
	8073	592617	001	001	S	DM	85	1001136241		551		NOT INSPECTED	
	8073	592617	001	001	S	DM	85	1001136255		479		100% solid	
	8073	592617	001	001	S	DM	85	1001136257		448		100% solid	
	8073	592617	001	001	S	DM	55	1001136265	L406137	84		100% solid	SO
	8073	592617	001	001	S	DM	55	1001136266		267		100% solid	SO
	8073	592617	001	001	S	DM	55	1001136267		461		100% solid	SO
	8073	592617	001	001	S	DM	55	1001136270		443		100% liquid	SO
Total for w_stream 123507-6 Count 13 Pounds: 6,282 Class 000													
123507-8	8079	592615	001	002	S	DM	55	1001136359	L406169	428		100% liquid	
	8079	592615	001	002	S	DM	55	1001136360		505		100% solid	
	8079	592615	001	002	S	DM	55	1001136361		308		100% liquid	
	8079	592615	001	002	S	DM	55	1001136362		430		100% liquid	
Total for w_stream 123507-8 Count 4 Pounds: 1,671 Class 000													
123507-6	8073	592617	001	003	S	DF	85	1001136209	L406125	486		100% solid	SO
	8073	592617	001	003	S	DF	85	1001136212		507		100% solid	SO
	8073	592617	001	003	S	DF	85	1001136213		458		100% solid	SO
	8073	592617	001	003	S	DF	85	1001136214		562		100% solid	SO
	8073	592617	001	003	S	DF	85	1001136234		489		100% solid	SO
	8073	592617	001	003	S	DF	85	1001136237		270		100% solid	SO
	8073	592617	001	003	S	DF	85	1001136244		245		100% solid	SO
	8073	592617	001	003	S	DF	85	1001136245		570		100% solid	SO
	8073	592617	001	003	S	DF	85	1001136246		542		100% solid	SO
Total for w_stream 123507-6 Count 9 Pounds: 4,129 Class 000													
Total for manifest 1354462-15119 Count 26 Pounds: 12,082													
Total for auth. HT11043001 Count 26 Pounds: 12,082													
Total for customer: 133685 Count 26 Pounds: 12,082													
Total for Bulk: Count: Pounds - Gal:													
Total for Containers: Count: 26 Pounds: 12,082													
==========													
==========													
TOTAL FOR REPORT: 12,082													

For Date 05/02/2011 to 05/02/2011

Date: 05/02/2011
Time: 13:05:57

Company: MACTECH ENGINEERING & CONSULTING 133685 2011-04-29 12:57

HT11043001 1355586-15119

Authorization WStream	PCod	Quote	Manifest Pg	Ln	S	Typ	Size	Trk/Cont	Sample IdWt	lbs	Gal	Waste Type	Pick List
123507-6	8073	592617	001	001	S	DF	85	1001136238	L406128	575		100% solid	SO
	8073	592617	001	001	S	DF	85	1001136239		317		100% solid	SO
	8073	592617	001	001	S	DF	85	1001136240		525		100% solid	SO
	8073	592617	001	001	S	DF	85	1001136247		678		100% solid	SO
	8073	592617	001	001	S	DF	85	1001136248		280		100% solid	SO
	8073	592617	001	001	S	DF	85	1001136249		551		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136189	L406119	529		100% solid	SO
	8073	592617	001	002	S	DM	55	1001136190	L406120	623		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136192		471		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136193		522		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136194		628		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136195		233		100% solid	SO
	8073	592617	001	002	S	DM	55	1001136196		671		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136197		703		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136198		428		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136199		378		100% solid	SO
	8073	592617	001	002	S	DM	55	1001136200		600		100% solid	SO
	8073	592617	001	002	S	DM	55	1001136203		645		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136250		551		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136251		634		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136252	L406130	679		100% solid	SO
	8073	592617	001	002	S	DM	55	1001136253		530		100% solid	SO
	8073	592617	001	002	S	DM	85	1001136256		475		100% solid	SO

Total for w_stream	123507-6	Count	23	Pounds:	12,226	Class 000
Total for manifest	1355586-15119	Count	23	Pounds:	12,226	
Total for auth.	HT11043001	Count	23	Pounds:	12,226	
Total for customer:	133685	Count	23	Pounds:	12,226	

Total for Bulk:	Count:		Pounds - Gal:	
Total for Containers:	Count:	23	Pounds:	12,226

TOTAL FOR REPORT: 12,226

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1539274
Invoice Date: 04/30/2011
Customer PO# : 201100280
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
04/18/2011	123507	HONEYWELL 5079 NY RTE 67 HOOSICK FALLS, NY 12090								
04/29/2011	5	000393704WAS	2854348							
000393704WAS 1										
		D003- HAZARDOUS EXCAVATED DRUMS#D8 & D14		8074	911		LBS	911.00	1.4500	1,320.95
		ENERGY SURCHARGE		8074			LS	1.00	66.0500	66.05
		NY SALES TAX ON SUBTOTAL OF $1,387.00 AT 8%		803			LS	1.00	110.9600	110.96
04/18/2011										
04/29/2011	7	000393704WAS	2854351							
000393704WAS 2										
		ORGANICS-HAZ EXCAVATED DRUMS #D1 & D29		8073	699		LBS	699.00	1.4500	1,013.55
		ENERGY SURCHARGE		8073			LS	1.00	50.6800	50.68
		NY SALES TAX ON SUBTOTAL OF $1,064.23 AT 8%		803			LS	1.00	85.1400	85.14
04/18/2011										
	6	1354462-15119	2854350							
1354462-15119 1,3										
		NON HAZARDOUS EXCAVATED DRUMS		8073	10,317		LBS	10,317.00	1.4500	14,959.65
		NON HAZARDOUS EXCAVATED DRUMS(LB MIN)		8073	84		D55	1.00	175.0000	175.00
		ENERGY SURCHARGE		8073			LS	1.00	756.7300	756.73
		NY SALES TAX ON SUBTOTAL OF $15,891.38 AT 8%		803			LS	1.00	1,271.3100	1,271.31
04/18/2011										
	8	1354462-15119	2854352							

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1539274
Invoice Date: 04/30/2011
Customer PO# : 201100280
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
1354462-15119 2										
		FRAC TANK WATER AND SEDIMENT		8079	1,670		LBS	1,670.00	1.4500	2,421.50
		ENERGY SURCHARGE		8079			LS	1.00	121.0800	121.08
		NY SALES TAX ON SUBTOTAL OF $2,542.58 AT 8%		803			LS	1.00	203.4100	203.41
04/18/2011										
04/18/2011		1354462-15119	2854349							
		FREIGHT CHARGE		905			LD	1.00	400.0000	400.00
		FUEL SURCHARGE (29.8%)		905			LD	1.00	119.2000	119.20
		NY SALES TAX ON SUBTOTAL OF $519.20 AT 8%		803			LS	1.00	41.5400	41.54
04/18/2011										
04/29/2011	6	1355586-15119	2860982							
1355586-15119 1,2										
		NON HAZARDOUS EXCAVATED DRUMS		8073	11,232		LBS	11,232.00	1.4500	16,286.40
		ENERGY SURCHARGE		8073			LS	1.00	814.3200	814.32
		NY SALES TAX ON SUBTOTAL OF $17,100.72 AT 8%		803			LS	1.00	1,368.0600	1,368.06
04/18/2011										
04/18/2011		1355586-15119	2860981							
		FREIGHT CHARGE		905			LD	1.00	400.0000	400.00
		FUEL SURCHARGE (29.8%)		905			LD	1.00	119.2000	119.20
		NY SALES TAX ON SUBTOTAL OF $519.20 AT 8%		803			LS	1.00	41.5400	41.54
04/27/2011										
04/27/2011			2873772							
		[OVERPACKING DRUMS]SUBCONTRACTOR SERVICES		801			LS	1.00	1,695.0000	1,695.00
		NY SALES TAX ON SUBTOTAL OF $1,695.00 AT 8%		803			LS	1.00	135.6000	135.60

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1987 MOMENTUM PLACE
CHICAGO, IL 60689

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ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No:	1539274
Invoice Date:	04/30/2011
Customer PO# :	201100280
Payment Terms:	NET30
HE045	TECH SERV
Customer No:	186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price

Pay this Amount **$ 43,976.87**

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1574027
Invoice Date: 12/20/2011
Customer PO# : 201114233
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
11/17/2011	123507	HONEYWELL 5079 NY RTE 67 HOOSICK FALLS, NY 12090								
	4	1436916-16407	3172156							
1436916-16407 1										
		NON-RCRA SOIL (BULK)		2212	40,500		TON	20.25	29.0000	587.25
		NY SALES TAX ON SUBTOTAL OF $587.25 AT 8%		803			LS	1.00	46.9800	46.98
11/17/2011										
11/17/2011		1436916-16407	3172157							
		FREIGHT CHARGE		913			LD	1.00	1,204.8800	1,204.88
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,204.88 AT 8%		803			LS	1.00	96.3900	96.39
11/17/2011										
	4	1436917-16407	3172158							
1436917-16407 1										
		NON-RCRA SOIL (BULK)		2212	46,080		TON	23.04	29.0000	668.16
		NY SALES TAX ON SUBTOTAL OF $668.16 AT 8%		803			LS	1.00	53.4500	53.45
11/17/2011										
11/17/2011		1436917-16407	3172159							
		FREIGHT CHARGE		913			LD	1.00	1,370.8800	1,370.88
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,370.88 AT 8%		803			LS	1.00	109.6700	109.67
11/17/2011										

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1574027
Invoice Date: 12/20/2011
Customer PO# : 201114233
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
	4	1436918-16407	3172160							
1436918-16407 1										
		NON-RCRA SOIL (BULK)		2212	47,400		TON	23.70	29.0000	687.30
		NY SALES TAX ON SUBTOTAL OF $687.30 AT 8%		803			LS	1.00	54.9800	54.98
11/17/2011										
11/17/2011		1436918-16407	3172161							
		FREIGHT CHARGE		913			LD	1.00	1,410.1500	1,410.15
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,410.15 AT 8%		803			LS	1.00	112.8100	112.81
11/17/2011										
	4	1436919-16407	3172162							
1436919-16407 1										
		NON-RCRA SOIL (BULK)		2212	42,420		TON	21.21	29.0000	615.09
		NY SALES TAX ON SUBTOTAL OF $615.09 AT 8%		803			LS	1.00	49.2100	49.21
11/17/2011										
11/17/2011		1436919-16407	3172163							
		FREIGHT CHARGE		913			LD	1.00	1,262.0000	1,262.00
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,262.00 AT 8%		803			LS	1.00	100.9600	100.96
11/17/2011										
	4	1436920-16407	3172164							
1436920-16407 1										

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1574027
Invoice Date: 12/20/2011
Customer PO# : 201114233
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
		NON-RCRA SOIL (BULK)		2212	36,860		TON	18.43	29.0000	534.47
		NY SALES TAX ON SUBTOTAL OF $534.47 AT 8%		803			LS	1.00	42.7600	42.76
11/17/2011										
11/17/2011		1436920-16407	3172165							
		FREIGHT CHARGE		913			LD	1.00	1,190.0000	1,190.00
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,190.00 AT 8%		803			LS	1.00	95.2000	95.20
11/17/2011										
	4	1436921-16407	3172166							
1436921-16407 1										
		NON-RCRA SOIL (BULK)		2212	45,080		TON	22.54	29.0000	653.66
		NY SALES TAX ON SUBTOTAL OF $653.66 AT 8%		803			LS	1.00	52.2900	52.29
11/17/2011										
11/17/2011		1436921-16407	3172167							
		FREIGHT CHARGE		913			LD	1.00	1,341.1300	1,341.13
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,341.13 AT 8%		803			LS	1.00	107.2900	107.29

Product and Services	**$**	**11,524.97**
Sales Tax		**921.99**
Pay this Amount	**$**	**12,446.96**

1436916-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436916-16407

5. Offeror's Name and Mailing Address:
HONEYWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Offeror's Site Address (if different than mailing address):
HONEYWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

T.I 3/3

Facility's Phone:

U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM		
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208_1431721S6

ERI:HERITAGE [1563587]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Eric Walter — Signature — Month: 11 Day: 17 Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Matt — Signature — Month: 11 Day: 17 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name — Signature — Month — Day — Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1436916-16407 313

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436916-16407

5. Offeror's Name and Mailing Address
HOME DEPOT / RICH GALLOWAY
101 COLUMBIA AVE
MONROETOWN, NJ 07262
(973)455-4640

Offeror's Site Address (if different than mailing address)
HOME DEPOT / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

Offeror's Phone:

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

T.H 3/3

U.S. EPA ID Number
NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM		
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
[illegible]

ENI:HERITAGE [15635871]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Eric Weber — Signature: [signature] — Month: 11 Day: 17 Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Matt — Signature: [signature] — Month: 11 Day: 17 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 11 Day: 17 Year: 11

OFFEROR — TRANSPORTER — DESIGNATED FACILITY

TRANSPORTER'S COPY

1436917-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436917-16407

5. Offeror's Name and Mailing Address: CRETE WELL RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address): CRETE WELL RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone: — U.S. EPA ID Number: NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	LOT	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information

ERI:HERITAGE 11563588J

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.

Offeror's Printed/Typed Name: Eric Weiler — Signature — Month: 11 Day: 17 Year:

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Neil Bailey — Signature — Month: 11 Day: 17 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month Day Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name — Signature — Month Day Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1436917-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436917-16407

5. Offeror's Name and Mailing Address
HOME WELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Site Address (if different than mailing address)
HOME WELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

Offeror's Phone:

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

U.S. EPA ID Number
NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	LOT	
	2.				
	3.				
	4.				
	5.				
	6.				
	7. 439525			23.04	

13. Special Handling Instructions and Additional Information
1.2208_1431721SS

ERI:HERITAGE [15635688]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Eric Weider — Signature — Month: 11 Day: 17 Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Neil Bailey — Signature — Month: 11 Day: 17 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month: 11 Day: 17 Year: 11

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

DESIGNATED FACILITY TO OFFEROR

1436918-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436918-16407

OFFEROR

5. Offeror's Name and Mailing Address
JOSEPH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	20T	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2205_1431218Q

ERI:HERITAGE [1563589]

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Eric Weiler		11	17	11

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Robert Davids		11	17	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

1436918-16407 32

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436918-16407

5. Offeror's Name and Mailing Address
GENE WELLS - RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Site Address (if different than mailing address)
GENE WELLS - RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

Offeror's Phone:

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

U.S. EPA ID Number
NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	20T	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208_1#3172160

TR#32 23.7 ton ticket 439543 ERI:HERITAGE [1563589]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Eric Weiler		11	17	11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Robert Davids		11	17	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year
		11	17	11

OFFEROR — TRANSPORTER — DESIGNATED FACILITY TO OFFEROR

1436919-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number: NYR000161547	2. Page 1 of 1	3. Emergency Response Phone: (800)326-1221	4. Tracking Number: 1436919-16407

OFFEROR

5. Offeror's Name and Mailing Address:
ROSE WELL (ATTN: BECH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Offeror's Site Address (if different than mailing address):
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

Facility's Phone:

U.S. EPA ID Number: NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	20T	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208_MSW2182

ERI:HERITAGE [1563590]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Eric Weiler		11	17	11

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Rich Cooper		11	17	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

1436919-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436919-16407

5. Offeror's Name and Mailing Address
HOMEWELL / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Site Address (if different than mailing address)
HOMEWELL / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

Offeror's Phone:

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
U.S. EPA ID Number: NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	20T	
	2.				
	3.				
	4.				
	5.				
	6.				
	7. #439542 21.21				

13. Special Handling Instructions and Additional Information
1.2208_1#3172152

ERI:HERITAGE [1563590]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations

Offeror's Printed/Typed Name: Eric Weiler — Signature — Month: 11 Day: 17 Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rich Cooper — Signature — Month: 11 Day: 17 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month: 11 Day: 17 Year: 10

OFFEROR

TRANSPORTER

DESIGNATED FACILITY TO OFFEROR

1436920-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436920-16407

5. Offeror's Name and Mailing Address
ECH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address)
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	20T	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1220-1491X184

ERI-HERITAGE [15635911]

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Erin Wilcox		11	17	11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Charley Buckalew	Charley Buckalew	11	17	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR'S INITIAL COPY

1436920-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436920-16407

5. Offeror's Name and Mailing Address
TROMBLEY & MICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Origin Site Address (if different than mailing address)
TROMBLEY & MICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

Facility's Phone:

U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	20T	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.	439523	18.43		

13. Special Handling Instructions and Additional Information
I.2208_H9172184

ERI:HERITAGE [1563591]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Eric Weiler		11	17	11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Charley Buckalew		11	17	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by this manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year
		11	17	11

DESIGNATED FACILITY TO OFFEROR

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

1436921-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1436921-16407

5. Offeror's Name and Mailing Address: H GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address): Y
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
U.S. EPA ID Number: NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	20T	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2208 - NI5192185

ERI-HERITAGE [15635921]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Eric Weiss		11	17	11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Kevin G Jennings		11	17	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year

OFFEROR / TRANSPORTER / DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1436921-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)324-1221	1436921-16407

OFFEROR

5. Offeror's Name and Mailing Address: JOSEPH GALLOWAY
101 COLUMBIA AVE
HOOSICKTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Offeror's Site Address (if different than mailing address): JOSEPH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: RIDDELL ENTERPRISES INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

U.S. EPA ID Number: NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	20T	
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1-22UG-14517216G

EPI:HERITAGE 01543521

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Eric Weiler — Signature — Month 1 — Day 17 — Year 11

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin Kenyon — Signature — Month 11 — Day 17 — Year 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name: William C. Fleming — Signature — Month 11 — Day 17 — Year 11

TRANSPORTER'S COPY

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1575571
Invoice Date: 12/22/2011
Customer PO# : 201114233
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
11/18/2011	123507	HONEYWELL 5079 NY RTE 67 HOOSICK FALLS, NY 12090								
	3	1437014-16407	3172701							
1437014-16407 1										
		NON-RCRA DEBRIS(1.35 TON MIN)		2212	2,700		LD	1.00	237.5000	237.50
		NY SALES TAX ON SUBTOTAL OF $237.50 AT 8%		803			LS	1.00	19.0000	19.00
11/18/2011										
11/18/2011		1437014-16407	3172702							
		FREIGHT CHARGE		913			LD	1.00	1,190.0000	1,190.00
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		NY SALES TAX ON SUBTOTAL OF $1,190.00 AT 8%		803			LS	1.00	95.2000	95.20
11/18/2011										
	4	1437815-16407	3175809							
1437815-16407 1										
		NON-RCRA SOIL (BULK)		2212	55,700		TON	27.85	29.0000	807.65
		NY SALES TAX ON SUBTOTAL OF $807.65 AT 8%		803			LS	1.00	64.6100	64.61
11/18/2011										
11/18/2011		1437815-16407	3175810							
		FREIGHT CHARGE		913			LD	1.00	1,657.0800	1,657.08
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		CUSTOMER DEMURRAGE (ACTUAL:120 ALLOWED:60)		930			MIN	60.00	1.2500	75.00
		NY SALES TAX ON SUBTOTAL OF $1,732.08 AT 8%		803			LS	1.00	138.5700	138.57

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1575571
Invoice Date: 12/22/2011
Customer PO# : 201114233
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers	Units	Bill Qty	Unit Price	Extended Price
11/18/2011	4	1437817-16407	3175813							
1437817-16407 1										
		NON-RCRA SOIL (BULK)		2212	44,460		TON	22.23	29.0000	644.67
		NY SALES TAX ON SUBTOTAL OF $644.67 AT 8%		803			LS	1.00	51.5700	51.57
11/18/2011										
11/18/2011		1437817-16407	3175814							
		FREIGHT CHARGE		913			LD	1.00	1,322.6900	1,322.69
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		CUSTOMER DEMURRAGE (ACTUAL:165 ALLOWED:60)		930			MIN	105.00	1.2500	131.25
		NY SALES TAX ON SUBTOTAL OF $1,453.94 AT 8%		803			LS	1.00	116.3200	116.32
11/18/2011	4	1437818-16407	3175815							
1437818-16407 1										
		NON-RCRA SOIL (BULK)		2212	51,760		TON	25.88	29.0000	750.52
		NY SALES TAX ON SUBTOTAL OF $750.52 AT 8%		803			LS	1.00	60.0400	60.04
11/18/2011										
11/18/2011		1437818-16407	3175816							
		FREIGHT CHARGE		913			LD	1.00	1,539.8600	1,539.86
		LINER CHARGE		926			LS	1.00	0.0000	0.00
		CUSTOMER DEMURRAGE (ACTUAL:105 ALLOWED:60)		930			MIN	45.00	1.2500	56.25
		NY SALES TAX ON SUBTOTAL OF $1,596.11 AT 8%		803			LS	1.00	127.6900	127.69

HERITAGE ENVIRONMENTAL SVCS, LLC
1987 MOMENTUM PLACE
CHICAGO, IL 60689

MACTECH ENGINEERING & CONSULTING

ROBERT CROWLEY
800 N BELL AVENUE
CARNEGIE, PA 15106

HERITAGE

INVOICE

Invoice No: 1575571
Invoice Date: 12/22/2011
Customer PO# : 201114233
Payment Terms: NET30
HE045 TECH SERV
Customer No: 186100277

Pickup Date / Delivery Date	Generator / Wastestream	Manifest / Description	Transaction	Product	Weight	Containers Units	Bill Qty	Unit Price	Extended Price

Product and Services	**$ 8,412.47**
Sales Tax	**673.00**
Pay this Amount	**$ 9,085.47**

1437014-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1437014-16407

5. Offeror's Name and Mailing Address: HONEYWELL - N.H. GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Offeror's Site Address (if different than mailing address): HONEYWELL - N.H. GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
TRUCK #1

U.S. EPA ID Number: NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	5T	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2307_1451270

ERI:HERITAGE [15635951]

OFFEROR

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: ROBERT E. CROWLEY (FOR HONEYWELL) — Signature: [signature] — Month: 11 Day: 18 Year: 11

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RODNEY DUPREY — Signature: [signature] — Month: 11 Day: 18 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name — Signature — Month — Day — Year

OFFEROR'S INITIAL COPY

1437014-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1437014-16407

5. Offeror's Name and Mailing Address: JOSEPH GALLOWAY
100 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Site Address (if different than mailing address): HONEYWELL
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

Offeror's Phone:

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC — U.S. EPA ID Number: NJ 42

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Truck # 315

U.S. EPA ID Number: NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	5T	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.2209-1437014.01

ERT:HERITAGE (1563595)

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: ROBERT E. COWLEY (GE HONEYWELL) — Signature — Month: 11 — Day: 18 — Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature — Month: 11 — Day: 18 — Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name — Signature — Month — Day — Year

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

1589280

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 439760
DATE: 11/18/2011
TIME: 14:23 - 14:42

CUSTOMER: LE-00466 / HERITAGE ENVIRONMENTAL P.O.:
HAULCUST: WO: 0 APPROVAL #: GROSS: 45940 LBS
ORIGIN: RR / RENSSELAER TARE: 43240 LBS
TRUCK: RIC315 TRAILER: NET: 2700 LBS
GENERATOR: HONEYWELL / HONEYWELL PROFILE #: 2209
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2209 CELL/TANK: P7

MATERIAL	QUANTITY	UNIT
IN / INDUSTRIAL WASTE	1.3500	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.
Weighmaster: Driver:

IN: Lisa B: PCSCALE1-0 OUT: Lisa B : PCSCALE1-0

1437815-16407

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1437815-16407

5. Offeror's Name and Mailing Address
HONEYWELL - RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Site Address (if different than mailing address)
HONEYWELL - RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

Offeror's Phone:

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

Truck #60

U.S. EPA ID Number
NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	2.4	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1-2206-1#31/360

ERI:HERITAGE 15647021

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Robert F Crowley/for Honeywell
Signature:
Month: 11 Day: 18 Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name:
Signature:
Month: 11 Day: 18 Year: 11

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name:
Signature:
Month: Day: Year:

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1437815-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1437815-16407

OFFEROR

5. Offeror's Name and Mailing Address
TURNER, TYLER, RICH BALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HOME WELLS, RICH BALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

TRUCK #60

Facility's Phone:

U.S. EPA ID Number
NYR000092654

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	24	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1-2205-1431795U7

ERI:HERITAGE [1564702]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: ROBERT F CROWLEY (FOR HONEYWELL) | Signature | Month: 11 | Day: 18 | Year: 11

TRANSPORTER

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month: 11 | Day: 18 | Year: 11

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name | Signature | Month: 11 | Day: 21 | Year: 11

TRANSPORTER'S COPY

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 439867
DATE: 11/21/2011
TIME: 07:19 - 07:50

CUSTOMER: LE-00466 / HERITAGE ENVIRONMENTAL
HAULCUST:
ORIGIN: RR / RENSSELAER
TRUCK: RIC60
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI
COMMENT: 2208

WO: 0
APPROVAL #:
TRAILER:
ROUTE: NA / NON APPLICABLE

P.O.:
GROSS: 100160 LBS
TARE: 44460 LBS
NET: 55700 LBS

MATERIAL
AC / ALTERNATIVE DAILY COVER

QUANTITY: 27.8500
UNIT: ST
CELL/TANK: P7

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster:

Driver:

IN: NANCY
B: PCSCALE1-0
OUT: NANCY
B: PCSCALE1-0

1437817-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number NYR000161547	2. Page 1 of 1	3. Emergency Response Phone (800)326-1221	4. Tracking Number 1437817-16407

5. Offeror's Name and Mailing Address: JOSEPH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640
Offeror's Phone:

Offeror's Site Address (if different than mailing address): JOSEPH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
Facility's Phone:
Truck # 312
U.S. EPA ID Number: NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	CM	24	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1220 NA9189

ERI:HERITAGE [15647041]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

OFFEROR

Offeror's Printed/Typed Name: ROBERT E. CROWLEY (FOR HONEYWELL) — Signature — Month: 11 — Day: 18 — Year: 11

15. Transporter Acknowledgment of Receipt of Materials

TRANSPORTER

Transporter 1 Printed/Typed Name: JAMES MUSACCHIO — Signature — Month: 11 — Day: 18 — Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

DESIGNATED FACILITY

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name — Signature — Month — Day — Year

OFFEROR'S INITIAL COPY

312

1437817-16407

[redacted]

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number: NYR000161547	2. Page 1 of: 1	3. Emergency Response Phone: (800)326-1241	4. Tracking Number: 1437817-16407

5. Offeror's Name and Mailing Address:
HONEYWELL - ATTN GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Alternate Shipping Address (if different than mailing address):
HONEYWELL - ATTN GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: RICCELLI ENTERPRISES INC — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420
TRUCK # 312

Facility's Phone:

U.S. EPA ID Number: NYR000092654

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	1	CM	24	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
PA20[illegible]

ERI#HERITAGE [1564704]

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: ROBERT E. CROWLEY (FOR HONEYWELL) — Signature: [signature] — Month: 11 Day: 18 Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JAMES MUSACCHIO — Signature: [signature] — Month: 11 Day: 18 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 11 Day: 21 Year: 11

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

[redacted]

TRANSPORTER'S COPY

1437818-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1437818-16407

5. Offeror's Name and Mailing Address
HONEYWELL - RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Offeror's Site Address (if different than mailing address)
HONEYWELL - RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

Truck # 311

U.S. EPA ID Number
NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	24	TO
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
Truck #311

ERI:HERITAGE [15647051]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: Robert E Crowley (for Honeywell) | Signature | Month: 11 | Day: 18 | Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month: 11 | Day: 17 | Year: 11

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name | Signature | Month | Day | Year

OFFEROR | TRANSPORTER | DESIGNATED FACILITY

OFFEROR'S INITIAL COPY

1437818-16407

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1437818-16407

5. Offeror's Name and Mailing Address
HONEYWELL - ATTN: MICH BALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4640

Offeror's Phone:

Alternate Facility (if different from mailing address)
HONEYWELL - ATTN: TOM GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name
RICCELLI ENTERPRISES INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
ONTARIO COUNTY LANDFILL
1879 STATE ROUTE 5 & 20
STANLEY, NY 14561
(585)526-4420

TRUCK # 311

U.S. EPA ID Number
NYR000092654

Facility's Phone:

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED		CM	24	TON
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1:2209_1431758:15

ERI:HERITAGE [15647051]

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name: ROBERT E CROWLEY (FOR HONEYWELL) Signature: [signature] Month: 11 Day: 18 Year: 11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: TOM APPLE Signature: [signature] Month: 11 Day: 18 Year: 11

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name: [signature] Signature: [signature] Month: 11 Day: 21 Year: 11

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

TRANSPORTER'S COPY

1536857

NEWS NE / ONTARIO COUNTY LANDFILL
A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

TICKET: 439865
DATE: 11/21/2011
TIME: 07:10 - 07:48

CUSTOMER: LE-00466 / HERITAGE ENVIRONMENTAL
HAULCUST: WO: 0 APPROVAL #: P.O.:
ORIGIN: RR / RENSSELAER
TRUCK: RIC311 TRAILER:
GENERATOR: HONEYWELL / HONEYWELLPROFILE #: 2208
HAULER: RIC / RICCELLI ROUTE: NA / NON APPLICABLE
COMMENT: 2208

GROSS: 92060 LBS
TARE: 40300 LBS
NET: 51760 LBS
CELL/TANK: P7

MATERIAL	QUANTITY	UNIT
AC / ALTERNATIVE DAILY COVER	25.8800	ST

I Certify under penalty of perjury that I am familiar with wastes authorized at this facility and that to the best of my knowledge all waste contained in this load is authorized for disposal at this facility.

Weighmaster: _____ Driver: _____

IN: NANCY B: PCSCALE1-O OUT: NANCY B : PCSCALE1-O

1443663-15119

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

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	NYR000161547	1	(800)326-1221	1443663-15119

5. Offeror's Name and Mailing Address: HOMETOWN / RICH GALLOWAY
101 COLUMBIA AVE
MORRISTOWN, NJ 07962
(973)455-4440
Offeror's Phone:

Offeror's Site Address (if different than mailing address): HOMETOWN / RICH GALLOWAY
5079 NY RTE 67
HOOSICK FALLS, NY 12090
GEN: 123507

6. Transporter 1 Company Name: HERITAGE TRANSPORT, LLC-ALBANY
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: HERITAGE-WTI, INC.
1250 SAINT GEORGE STREET
EAST LIVERPOOL, OH 43920
(330)385-7336
Facility's Phone:
U.S. EPA ID Number: OHD980613541

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED	010	DM	5000	P
	2.				
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1.000_NS_0592617

T10209
ERI:HERITAGE [15742741]

14. OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Eric Weber	Eric Weber	12	22	11

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
John A Zeo	JOSEPH A. FINAN	12	22	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in Item 16

Printed/Typed Name	Signature	Month	Day	Year
Richard Darrow	Richard Darrow	1	5	12

OFFEROR

DESIGNATED FACILITY - TRANSPORTER

DESIGNATED FACILITY'S COPY

r_cont_wt.4ge

Shipments Received in ARTS

For Date 02/10/2012 to 02/10/2012

Date: 02/10/2012

Time: 07:54:50

Authorization WStream	Manifest PCod Quote	Pg	Ln	S	Typ	Size	Trk/Cont	Sample Id	Wt lbs	Gal	Waste Type	Pick List
Company: MACTECH ENGINEERING & CONSULTING 133685 2012-01-05 11:46												
HT12010802 1443663-15119												
123507-6	8073 592617	001	001	A	DM	85	1001383484	L429570	397		100% solid	
	8073 592617	001	001	A	DM	85	1001383490	L429574	384		100% solid	
	8073 592617	001	001	A	DM	85	1001383491		537		100% solid	
	8073 592617	001	001	A	DM	85	1001383492		359		100% solid	
	8073 592617	001	001	A	DM	85	1001383493		472		100% solid	
	8073 592617	001	001	A	DM	85	1001383494		341		100% solid	
	8073 592617	001	001	A	DM	85	1001383499		548		100% solid	
	8073 592617	001	001	A	DM	85	1001383500		612		100% solid	
	8073 592617	001	001	A	DM	85	1001383501		544		100% solid	
	8073 592617	001	002	A	DM	85	1001383489	L429573	474		100% solid	

Total for w_stream	123507-6	Count	10	Pounds:	4,668	Class 000
Total for manifest	1443663-15119	Count	10	Pounds:	4,668	
Total for auth.	HT12010802	Count	10	Pounds:	4,668	
Total for customer:	133685	Count	10	Pounds:	4,668	

Total for Bulk:	Count:		Pounds - Gal:		
Total for Containers:	Count:	10	Pounds:	4,668	
				=========	
				=========	
		TOTAL FOR REPORT:		4,668	

APPENDIX E

Laboratory Analytical Reports – Waste Disposal (CD)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0J270440

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

November 16, 2010



NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J270440

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 27, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

TCLP GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibrations had compounds >25%D but they were within expected performance range for the compounds. All results were reported.

TCLP GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

TCLP Pesticides:
There were no problems associated with the analysis.

PCB's:
There were no problems associated with the analysis.

TCLP Metals:
The TCLP leachate blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier.

The method blank had selenium detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
The test for pH is a field parameter. The laboratory pH analysis was completed at the request of the client.

C0J270440

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC Inc.	Rob Crowley	Chris Hortert	Currie Gamber	008184
Address: 800 N. Bell Ave Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428	1 of 2 COCs
City/State/Zip: Pittsburgh, Pa 15106	Email: recrowley@mactec.com	Analysis Turnaround Time (CALENDAR DAYS or WORKING DAYS)		
Phone: 412-279-6661		TAT if different from below _____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day		
Project Name: HW Hoosick Falls	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other: MeOH	Special Instruction	Total Containers	Analyses: VOC	Lead soil	TCLP and TAL lead and total								Sample Specific Notes / Special Instructions:
CS-3-102610	10/26/10	0905			X								X	X	N	6	4	1	1								
CS-4-102610		1045			X										N	6	4	1									
CS-5-102610		1136			X										N	6	4	1									
CS-6-102610		1210			X										N	6	4	1									
CS-7-102610		1230			X										N	6	4	1									
CS-8-102610		0955			X									X	N	6	4	1									
D-1-102610		1345					X								N	C			1	1							
D-2-102610		1350					X								N	C			1	1							
D-3-102610		1430					X						X		N	6			1	1							
D-4-102610		1520					X						X		N	C			1	1							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirents & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	10/26/10 1400			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA-Lit	10/27/10 1000

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: MACTEC Inc.	Client Project Manager: Rob Crowley	Site Contact: Chris Herbert	Lab Contact: Carrie Gamber
Address: 400 N. Bell Ave, Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com	Analysis Turnaround Time: CALENDAR DAYS / WORK DAYS	COC No: 003362
Phone: 412-279-6661		TAT if different from below: Standard	2 of 2 COCs
Project Name: HW Hoosick Falls, NY	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	Analyses
Project Number:	Shipping/Tracking No:		
PO #			

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Total # of Containers	Lead 6010C									Sample Specific Notes / Special Instructions:
L MW-1-102610	10/26/10	1541	X										Y		4	1									
L SW-2-102610	10/26/10	1547	X										X		4	1									
WS-01-102510	10/25/10	1350			X								X				2								

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Herbert	MACTEC	10/26/10 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			P Zaun	TA-P.H	10/27/10 1000

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0J270440

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Cyanide, Total	SW846 9012A	SW846 9012A
Ignitability	SW846 SECTION 7	SW846 SECTION 7
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 1311/7470
Organochlorine Pesticides	SW846 8081A	SW846 1311/3510
PCBs by SW-846 8082	SW846 8082	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 1311/3510
Soil and Waste pH	SW846 9045C	SW846 9045C
Sulfides, Total 9030B/9034	SW846 9030B/903	SW846 9030B/903
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1311/3010
Volatile Organics by GC/MS	SW846 8260B	SW846 1311/5030

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0J270440

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L8523	001	D-1-102610	10/26/10	13:45
L8528	002	D-2-102610	10/26/10	13:50
L8529	003	D-3-102610	10/26/10	14:30
L853D	004	D-4-102610	10/26/10	15:20
L853E	005	WS-01-102510	10/25/10	13:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-1-102610

TCLP GC/MS Volatiles

Lot-Sample #...: C0J270440-001	**Work Order #...:** L85231AC	**Matrix.....:** SOLID
Date Sampled...: 10/26/10	**Date Received..:** 10/27/10	**MS Run #.....:** 0302127
Leach Date.....: 10/28/10	**Prep Date.....:** 10/29/10	**Analysis Date..:** 10/29/10
Leach Batch #..: P030110	**Prep Batch #...:** 0302354	**Analysis Time..:** 17:14
Dilution Factor: 4		
% Moisture.....: 86	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.098 J**	**0.20**	**mg/L**
2-Butanone	**0.25**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	**2.9**	**0.20**	**mg/L**
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	**1.4**	**0.20**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(64 - 124)
Toluene-d8	108	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	103	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-2-102610

TCLP GC/MS Volatiles

Lot-Sample #...: C0J270440-002	**Work Order #...:** L85281AC	**Matrix.....:** SOLID
Date Sampled...: 10/26/10	**Date Received..:** 10/27/10	**MS Run #.....:** 0302127
Leach Date.....: 10/28/10	**Prep Date.....:** 10/29/10	**Analysis Date..:** 10/29/10
Leach Batch #..: P030110	**Prep Batch #...:** 0302354	**Analysis Time..:** 17:40
Dilution Factor: 4		
% Moisture.....: 18	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.077 J**	**0.20**	**mg/L**
2-Butanone	**0.40**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	**0.62**	**0.20**	**mg/L**
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(64 - 124)
Toluene-d8	101	(80 - 120)
4-Bromofluorobenzene	95	(75 - 120)
Dibromofluoromethane	108	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-3-102610

TCLP GC/MS Volatiles

Lot-Sample #...: C0J270440-003	**Work Order #...:** L85291AC	**Matrix.....:** SOLID
Date Sampled...: 10/26/10	**Date Received..:** 10/27/10	**MS Run #.....:** 0302127
Leach Date.....: 10/28/10	**Prep Date.....:** 10/29/10	**Analysis Date..:** 10/29/10
Leach Batch #..: P030110	**Prep Batch #...:** 0302354	**Analysis Time..:** 18:06
Dilution Factor: 4		
% Moisture.....: 44	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.26**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(64 - 124)
Toluene-d8	99	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	106	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-4-102610

TCLP GC/MS Volatiles

Lot-Sample #...: C0J270440-004 **Work Order #...:** L853D1AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0302127
Leach Date.....: 10/28/10 **Prep Date.....:** 10/29/10 **Analysis Date..:** 10/29/10
Leach Batch #..: P030110 **Prep Batch #...:** 0302354 **Analysis Time..:** 18:32
Dilution Factor: 4
% Moisture.....: 22 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	94	(75 - 120)
Dibromofluoromethane	105	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

TCLP GC/MS Volatiles

Lot-Sample #...: C0J270440-005	**Work Order #...:** L853E1AA	**Matrix.....:** SOLID
Date Sampled...: 10/25/10	**Date Received..:** 10/27/10	**MS Run #.....:** 0303034
Leach Date.....: 10/28/10	**Prep Date.....:** 10/30/10	**Analysis Date..:** 10/30/10
Leach Batch #..: P030110	**Prep Batch #...:** 0303055	**Analysis Time..:** 11:58
Dilution Factor: 4		
% Moisture.....: 16	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	118	(80 - 120)
4-Bromofluorobenzene	95	(75 - 120)
Dibromofluoromethane	87	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0J270440 **Work Order #...:** L875M1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0J280000-240
Leach Date.....: 10/28/10 **Prep Date.....:** 10/29/10 **Analysis Date..:** 10/29/10
Leach Batch #..: P030110 **Prep Batch #...:** 0302354 **Analysis Time..:** 09:08
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	104	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J270440 **Work Order #...:** L9CRT1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0J300000-055
Prep Date.....: 10/30/10 **Analysis Time..:** 09:01
Analysis Date..: 10/30/10 **Prep Batch #...:** 0303055
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	102	(80 - 120)
4-Bromofluorobenzene	93	(75 - 120)
Dibromofluoromethane	99	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J270440 **Work Order #...:** L9CCW1AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0J290000-354
Prep Date.....: 10/29/10 **Analysis Date..:** 10/29/10
Prep Batch #...: 0302354 **Analysis Time..:** 10:19
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**91**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**93**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**88**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**98**	**(78 - 118)**	**SW846 8260B**
Chloroform	**86**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**90**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**75**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**104**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**91**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**95**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	108	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0J270440 **Work Order #...:** L9CCW1AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0J290000-354
Prep Date.....: 10/29/10 **Analysis Date..:** 10/29/10
Prep Batch #...: 0302354 **Analysis Time..:** 10:19
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.364**	**mg/L**	**91**	**SW846 8260B**
2-Butanone	**0.400**	**0.373**	**mg/L**	**93**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.353**	**mg/L**	**88**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.393**	**mg/L**	**98**	**SW846 8260B**
Chloroform	**0.400**	**0.344**	**mg/L**	**86**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.361**	**mg/L**	**90**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.301**	**mg/L**	**75**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.417**	**mg/L**	**104**	**SW846 8260B**
Trichloroethene	**0.400**	**0.365**	**mg/L**	**91**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.380**	**mg/L**	**95**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	108	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J270440 **Work Order #...:** L9CRT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0J300000-055
Prep Date.....: 10/30/10 **Analysis Date..:** 10/30/10
Prep Batch #...: 0303055 **Analysis Time..:** 10:05
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**103**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**60**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**117**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**103**	**(78 - 118)**	**SW846 8260B**
Chloroform	**103**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**90**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**112**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**100**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**98**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**83**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	112	(75 - 120)
Dibromofluoromethane	111	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0J270440 **Work Order #...:** L9CRT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0J300000-055
Prep Date.....: 10/30/10 **Analysis Date..:** 10/30/10
Prep Batch #...: 0303055 **Analysis Time..:** 10:05
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.412**	**mg/L**	**103**	**SW846 8260B**
2-Butanone	**0.400**	**0.241**	**mg/L**	**60**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.470**	**mg/L**	**117**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.412**	**mg/L**	**103**	**SW846 8260B**
Chloroform	**0.400**	**0.410**	**mg/L**	**103**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.361**	**mg/L**	**90**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.447**	**mg/L**	**112**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.401**	**mg/L**	**100**	**SW846 8260B**
Trichloroethene	**0.400**	**0.393**	**mg/L**	**98**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.332**	**mg/L**	**83**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	112	(75 - 120)
Dibromofluoromethane	111	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0J270440 **Work Order #...:** L86L31CT-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J270511-001 L86L31CU-MSD
Date Sampled...: 10/27/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0303034
Leach Date.....: 10/28/10 **Prep Date.....:** 10/30/10 **Analysis Date..:** 10/30/10
Leach Batch #..: P030110 **Prep Batch #...:** 0303055 **Analysis Time..:** 10:28
Dilution Factor: 4

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**101**	**(76 - 120)**			**SW846 8260B**
	105	**(76 - 120)**	**4.0**	**(0-20)**	**SW846 8260B**
2-Butanone	**74**	**(10 - 150)**			**SW846 8260B**
	78	**(10 - 150)**	**4.7**	**(0-34)**	**SW846 8260B**
Carbon tetrachloride	**112**	**(67 - 136)**			**SW846 8260B**
	123	**(67 - 136)**	**9.3**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**103**	**(78 - 118)**			**SW846 8260B**
	106	**(78 - 118)**	**3.0**	**(0-20)**	**SW846 8260B**
Chloroform	**101**	**(72 - 124)**			**SW846 8260B**
	106	**(72 - 124)**	**5.5**	**(0-20)**	**SW846 8260B**
1,2-Dichloroethane	**88**	**(67 - 132)**			**SW846 8260B**
	93	**(67 - 132)**	**5.3**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**106**	**(65 - 130)**			**SW846 8260B**
	117	**(65 - 130)**	**10**	**(0-20)**	**SW846 8260B**
Tetrachloroethene	**102**	**(70 - 130)**			**SW846 8260B**
	108	**(70 - 130)**	**6.1**	**(0-20)**	**SW846 8260B**
Trichloroethene	**98**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**0.31**	**(0-20)**	**SW846 8260B**
Vinyl chloride	**80**	**(51 - 133)**			**SW846 8260B**
	93	**(51 - 133)**	**15**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
	94	(64 - 124)
Toluene-d8	101	(80 - 120)
	100	(80 - 120)
4-Bromofluorobenzene	104	(75 - 120)
	111	(75 - 120)
Dibromofluoromethane	105	(80 - 120)
	108	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0J270440 **Work Order #...:** L86L31CT-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J270511-001 L86L31CU-MSD
Date Sampled...: 10/27/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0303034
Leach Date.....: 10/28/10 **Prep Date.....:** 10/30/10 **Analysis Date..:** 10/30/10
Leach Batch #..: P030110 **Prep Batch #...:** 0303055 **Analysis Time..:** 10:28
Dilution Factor: 4

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**1.60**	**1.61**	**mg/L**	**101**		**SW846 8260B**
	ND	**1.60**	**1.68**	**mg/L**	**105**	**4.0**	**SW846 8260B**
2-Butanone	**ND**	**1.60**	**1.18**	**mg/L**	**74**		**SW846 8260B**
	ND	**1.60**	**1.24**	**mg/L**	**78**	**4.7**	**SW846 8260B**
Carbon tetrachloride	**ND**	**1.60**	**1.79**	**mg/L**	**112**		**SW846 8260B**
	ND	**1.60**	**1.97**	**mg/L**	**123**	**9.3**	**SW846 8260B**
Chlorobenzene	**ND**	**1.60**	**1.65**	**mg/L**	**103**		**SW846 8260B**
	ND	**1.60**	**1.70**	**mg/L**	**106**	**3.0**	**SW846 8260B**
Chloroform	**ND**	**1.60**	**1.61**	**mg/L**	**101**		**SW846 8260B**
	ND	**1.60**	**1.70**	**mg/L**	**106**	**5.5**	**SW846 8260B**
1,2-Dichloroethane	**ND**	**1.60**	**1.41**	**mg/L**	**88**		**SW846 8260B**
	ND	**1.60**	**1.49**	**mg/L**	**93**	**5.3**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**1.60**	**1.69**	**mg/L**	**106**		**SW846 8260B**
	ND	**1.60**	**1.88**	**mg/L**	**117**	**10**	**SW846 8260B**
Tetrachloroethene	**ND**	**1.60**	**1.63**	**mg/L**	**102**		**SW846 8260B**
	ND	**1.60**	**1.73**	**mg/L**	**108**	**6.1**	**SW846 8260B**
Trichloroethene	**ND**	**1.60**	**1.56**	**mg/L**	**98**		**SW846 8260B**
	ND	**1.60**	**1.57**	**mg/L**	**98**	**0.31**	**SW846 8260B**
Vinyl chloride	**ND**	**1.60**	**1.27**	**mg/L**	**80**		**SW846 8260B**
	ND	**1.60**	**1.48**	**mg/L**	**93**	**15**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
	94	(64 - 124)
Toluene-d8	101	(80 - 120)
	100	(80 - 120)
4-Bromofluorobenzene	104	(75 - 120)
	111	(75 - 120)
Dibromofluoromethane	105	(80 - 120)
	108	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-1-102610

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J270440-001	**Work Order #...:** L85231AE	**Matrix.....:** SOLID
Date Sampled...: 10/26/10	**Date Received..:** 10/27/10	**MS Run #.....:**
Leach Date.....: 10/30/10	**Prep Date.....:** 10/30/10	**Analysis Date..:** 11/01/10
Leach Batch #..: P030206	**Prep Batch #...:** 0303091	**Analysis Time..:** 17:18
Dilution Factor: 1		
% Moisture.....: 86	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	75	(39 - 115)
2-Fluorobiphenyl	76	(35 - 115)
Terphenyl-d14	88	(30 - 143)
2-Fluorophenol	83	(20 - 110)
Phenol-d5	75	(30 - 118)
2,4,6-Tribromophenol	80	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-2-102610

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J270440-002 **Work Order #...:** L85281AE **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Leach Date.....: 10/30/10 **Prep Date.....:** 10/30/10 **Analysis Date..:** 11/01/10
Leach Batch #..: P030206 **Prep Batch #...:** 0303091 **Analysis Time..:** 17:36
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(39 - 115)
2-Fluorobiphenyl	78	(35 - 115)
Terphenyl-d14	88	(30 - 143)
2-Fluorophenol	83	(20 - 110)
Phenol-d5	77	(30 - 118)
2,4,6-Tribromophenol	88	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-3-102610

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J270440-003 **Work Order #...:** L85291AE **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Leach Date.....: 10/30/10 **Prep Date.....:** 10/30/10 **Analysis Date..:** 11/01/10
Leach Batch #..: P030206 **Prep Batch #...:** 0303091 **Analysis Time..:** 17:55
Dilution Factor: 1
% Moisture.....: 44 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	75	(39 - 115)
2-Fluorobiphenyl	78	(35 - 115)
Terphenyl-d14	93	(30 - 143)
2-Fluorophenol	82	(20 - 110)
Phenol-d5	76	(30 - 118)
2,4,6-Tribromophenol	91	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-4-102610

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J270440-004 **Work Order #...:** L853D1AE **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Leach Date.....: 10/30/10 **Prep Date.....:** 10/30/10 **Analysis Date..:** 11/01/10
Leach Batch #..: P030206 **Prep Batch #...:** 0303091 **Analysis Time..:** 18:13
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(39 - 115)
2-Fluorobiphenyl	77	(35 - 115)
Terphenyl-d14	89	(30 - 143)
2-Fluorophenol	82	(20 - 110)
Phenol-d5	77	(30 - 118)
2,4,6-Tribromophenol	103	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J270440-005	**Work Order #...:** L853E1AD	**Matrix.....:** SOLID
Date Sampled...: 10/25/10	**Date Received..:** 10/27/10	**MS Run #.....:**
Leach Date.....: 10/30/10	**Prep Date.....:** 10/30/10	**Analysis Date..:** 11/01/10
Leach Batch #..: P030206	**Prep Batch #...:** 0303091	**Analysis Time..:** 18:31
Dilution Factor: 1		
% Moisture.....: 16	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	80	(39 - 115)
2-Fluorobiphenyl	80	(35 - 115)
Terphenyl-d14	100	(30 - 143)
2-Fluorophenol	89	(20 - 110)
Phenol-d5	82	(30 - 118)
2,4,6-Tribromophenol	93	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9C5Q1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0J300000-091
Prep Date.....: 10/30/10 **Analysis Time..:** 10:48
Analysis Date..: 11/01/10 **Prep Batch #...:** 0303091
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(39 - 115)
2-Fluorobiphenyl	72	(35 - 115)
Terphenyl-d14	84	(30 - 143)
2-Fluorophenol	77	(20 - 110)
Phenol-d5	75	(30 - 118)
2,4,6-Tribromophenol	80	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9C5Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0J300000-091 L9C5Q1AD-LCSD
Prep Date.....: 10/30/10 **Analysis Date..:** 11/01/10
Prep Batch #...: 0303091 **Analysis Time..:** 13:23
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	**70**	**(37 - 115)**			**SW846 8270C**
	70	**(37 - 115)**	**0.24**	**(0-35)**	**SW846 8270C**
2,4-Dinitrotoluene	**52**	**(40 - 115)**			**SW846 8270C**
	50	**(40 - 115)**	**3.8**	**(0-42)**	**SW846 8270C**
Hexachlorobenzene	**64**	**(45 - 115)**			**SW846 8270C**
	65	**(45 - 115)**	**0.76**	**(0-22)**	**SW846 8270C**
Hexachlorobutadiene	**77**	**(42 - 115)**			**SW846 8270C**
	76	**(42 - 115)**	**0.91**	**(0-28)**	**SW846 8270C**
Hexachloroethane	**73**	**(25 - 106)**			**SW846 8270C**
	73	**(25 - 106)**	**0.090**	**(0-38)**	**SW846 8270C**
Nitrobenzene	**75**	**(40 - 115)**			**SW846 8270C**
	72	**(40 - 115)**	**3.6**	**(0-26)**	**SW846 8270C**
Pentachlorophenol	**44**	**(16 - 140)**			**SW846 8270C**
	44	**(16 - 140)**	**0.95**	**(0-40)**	**SW846 8270C**
Pyridine	**78**	**(22 - 105)**			**SW846 8270C**
	83	**(22 - 105)**	**5.8**	**(0-40)**	**SW846 8270C**
2,4,5-Trichloro-phenol	**67**	**(35 - 115)**			**SW846 8270C**
	65	**(35 - 115)**	**2.2**	**(0-40)**	**SW846 8270C**
2,4,6-Trichloro-phenol	**62**	**(40 - 115)**			**SW846 8270C**
	63	**(40 - 115)**	**1.5**	**(0-37)**	**SW846 8270C**
Cresols (total)	**73**	**(29 - 144)**			**SW846 8270C**
	73	**(29 - 144)**	**0.33**	**(0-33)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(39 - 115)
	77	(39 - 115)
2-Fluorobiphenyl	81	(35 - 115)
	79	(35 - 115)
Terphenyl-d14	89	(30 - 143)
	91	(30 - 143)
2-Fluorophenol	85	(20 - 110)
	85	(20 - 110)
Phenol-d5	79	(30 - 118)
	79	(30 - 118)
2,4,6-Tribromophenol	86	(19 - 138)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9C5Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0J300000-091 L9C5Q1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	86	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9C5Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0J300000-091 L9C5Q1AD-LCSD
Prep Date.....: 10/30/10 **Analysis Date..:** 11/01/10
Prep Batch #...: 0303091 **Analysis Time..:** 13:23
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	**0.250**	**0.175**	**mg/L**	**70**		**SW846 8270C**
	0.250	**0.175**	**mg/L**	**70**	**0.24**	**SW846 8270C**
2,4-Dinitrotoluene	**0.250**	**0.131**	**mg/L**	**52**		**SW846 8270C**
	0.250	**0.126**	**mg/L**	**50**	**3.8**	**SW846 8270C**
Hexachlorobenzene	**0.250**	**0.161**	**mg/L**	**64**		**SW846 8270C**
	0.250	**0.162**	**mg/L**	**65**	**0.76**	**SW846 8270C**
Hexachlorobutadiene	**0.250**	**0.191**	**mg/L**	**77**		**SW846 8270C**
	0.250	**0.190**	**mg/L**	**76**	**0.91**	**SW846 8270C**
Hexachloroethane	**0.250**	**0.182**	**mg/L**	**73**		**SW846 8270C**
	0.250	**0.182**	**mg/L**	**73**	**0.090**	**SW846 8270C**
Nitrobenzene	**0.250**	**0.188**	**mg/L**	**75**		**SW846 8270C**
	0.250	**0.181**	**mg/L**	**72**	**3.6**	**SW846 8270C**
Pentachlorophenol	**0.250**	**0.110**	**mg/L**	**44**		**SW846 8270C**
	0.250	**0.109**	**mg/L**	**44**	**0.95**	**SW846 8270C**
Pyridine	**0.250**	**0.195**	**mg/L**	**78**		**SW846 8270C**
	0.250	**0.207**	**mg/L**	**83**	**5.8**	**SW846 8270C**
2,4,5-Trichloro-phenol	**0.250**	**0.167**	**mg/L**	**67**		**SW846 8270C**
	0.250	**0.163**	**mg/L**	**65**	**2.2**	**SW846 8270C**
2,4,6-Trichloro-phenol	**0.250**	**0.155**	**mg/L**	**62**		**SW846 8270C**
	0.250	**0.157**	**mg/L**	**63**	**1.5**	**SW846 8270C**
Cresols (total)	**0.750**	**0.546**	**mg/L**	**73**		**SW846 8270C**
	0.750	**0.544**	**mg/L**	**73**	**0.33**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(39 - 115)
	77	(39 - 115)
2-Fluorobiphenyl	81	(35 - 115)
	79	(35 - 115)
Terphenyl-d14	89	(30 - 143)
	91	(30 - 143)
2-Fluorophenol	85	(20 - 110)
	85	(20 - 110)
Phenol-d5	79	(30 - 118)
	79	(30 - 118)
2,4,6-Tribromophenol	86	(19 - 138)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9C5Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0J300000-091 L9C5Q1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	86	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-1-102610

TCLP GC Semivolatiles

Lot-Sample #...: C0J270440-001 **Work Order #...:** L85231A1 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030206 **Prep Batch #...:** 0307375 **Analysis Time..:** 04:25
Dilution Factor: 1
% Moisture.....: 86 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	111	(45 - 140)
Tetrachloro-m-xylene	99	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-2-102610

TCLP GC Semivolatiles

Lot-Sample #...: C0J270440-002 **Work Order #...:** L85281AW **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030206 **Prep Batch #...:** 0307375 **Analysis Time..:** 04:56
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	119	(45 - 140)
Tetrachloro-m-xylene	101	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-3-102610

TCLP GC Semivolatiles

Lot-Sample #...: C0J270440-003 **Work Order #...:** L85291AW **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030206 **Prep Batch #...:** 0307375 **Analysis Time..:** 05:27
Dilution Factor: 1
% Moisture.....: 44 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	110	(45 - 140)
Tetrachloro-m-xylene	96	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-4-102610

TCLP GC Semivolatiles

Lot-Sample #...: C0J270440-004 **Work Order #...:** L853D1AW **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030206 **Prep Batch #...:** 0307375 **Analysis Time..:** 05:58
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	116	(45 - 140)
Tetrachloro-m-xylene	99	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

TCLP GC Semivolatiles

Lot-Sample #...: C0J270440-005	**Work Order #...:** L853E1AT	**Matrix.....:** SOLID
Date Sampled...: 10/25/10	**Date Received..:** 10/27/10	**MS Run #.....:**
Leach Date.....: 11/03/10	**Prep Date.....:** 11/03/10	**Analysis Date..:** 11/05/10
Leach Batch #..: P030206	**Prep Batch #...:** 0307375	**Analysis Time..:** 06:28
Dilution Factor: 1		
% Moisture.....: 16	**Method.....:** SW846 8081A	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	115	(45 - 140)
Tetrachloro-m-xylene	103	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9HC31AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K030000-375
Prep Date.....: 11/03/10 **Analysis Time..:** 06:59
Analysis Date..: 11/05/10 **Prep Batch #...:** 0307375
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	117	(45 - 140)
Tetrachloro-m-xylene	100	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9HC31AE **Matrix.....:** SOLID
MB Lot-Sample #: C0K030000-375
Prep Date.....: 11/03/10 **Analysis Time..:** 07:30
Analysis Date..: 11/05/10 **Prep Batch #...:** 0307375
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	121	(45 - 140)
Tetrachloro-m-xylene	102	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9HC31AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-375 L9HC31AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0307375 **Analysis Time..:** 08:01
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Endrin	**116**	**(46 - 137)**			**SW846 8081A**
	125	**(46 - 137)**	**8.0**	**(0-40)**	**SW846 8081A**
Heptachlor	**101**	**(57 - 124)**			**SW846 8081A**
	109	**(57 - 124)**	**7.4**	**(0-32)**	**SW846 8081A**
Heptachlor epoxide	**105**	**(53 - 135)**			**SW846 8081A**
	113	**(53 - 135)**	**7.1**	**(0-31)**	**SW846 8081A**
Lindane	**100**	**(55 - 137)**			**SW846 8081A**
	106	**(55 - 137)**	**6.2**	**(0-22)**	**SW846 8081A**
Methoxychlor	**84**	**(30 - 150)**			**SW846 8081A**
	92	**(30 - 150)**	**9.8**	**(0-29)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	115	(45 - 140)
	122	(45 - 140)
Tetrachloro-m-xylene	98	(45 - 140)
	101	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9HC31AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-375 L9HC31AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0307375 **Analysis Time..:** 08:01
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Endrin	**0.0100**	**0.0116**	**mg/L**	**116**		**SW846 8081A**
	0.0100	**0.0125**	**mg/L**	**125**	**8.0**	**SW846 8081A**
Heptachlor	**0.0100**	**0.0101**	**mg/L**	**101**		**SW846 8081A**
	0.0100	**0.0109**	**mg/L**	**109**	**7.4**	**SW846 8081A**
Heptachlor epoxide	**0.0100**	**0.0105**	**mg/L**	**105**		**SW846 8081A**
	0.0100	**0.0113**	**mg/L**	**113**	**7.1**	**SW846 8081A**
Lindane	**0.0100**	**0.00995**	**mg/L**	**100**		**SW846 8081A**
	0.0100	**0.0106**	**mg/L**	**106**	**6.2**	**SW846 8081A**
Methoxychlor	**0.0100**	**0.00838**	**mg/L**	**84**		**SW846 8081A**
	0.0100	**0.00924**	**mg/L**	**92**	**9.8**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	115	(45 - 140)
	122	(45 - 140)
Tetrachloro-m-xylene	98	(45 - 140)
	101	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-1-102610

GC Semivolatiles

Lot-Sample #...: C0J270440-001 **Work Order #...:** L85231A0 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0308035
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 14:19
Dilution Factor: 0.97
% Moisture.....: 86 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	120	ug/kg
Aroclor 1221	ND	120	ug/kg
Aroclor 1232	ND	120	ug/kg
Aroclor 1242	ND	120	ug/kg
Aroclor 1248	ND	120	ug/kg
Aroclor 1254	ND	120	ug/kg
Aroclor 1260	ND	120	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(35 - 140)
Decachlorobiphenyl	79	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-2-102610

GC Semivolatiles

Lot-Sample #...: C0J270440-002 **Work Order #...:** L85281AV **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0308035
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 15:46
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(35 - 140)
Decachlorobiphenyl	85	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-3-102610

GC Semivolatiles

Lot-Sample #...: C0J270440-003 **Work Order #...:** L85291AV **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0308035
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 16:14
Dilution Factor: 0.99
% Moisture.....: 44 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	30	ug/kg
Aroclor 1221	ND	30	ug/kg
Aroclor 1232	ND	30	ug/kg
Aroclor 1242	ND	30	ug/kg
Aroclor 1248	ND	30	ug/kg
Aroclor 1254	ND	30	ug/kg
Aroclor 1260	ND	30	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(35 - 140)
Decachlorobiphenyl	75	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-4-102610

GC Semivolatiles

Lot-Sample #...: C0J270440-004 **Work Order #...:** L853D1AV **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0308035
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 16:44
Dilution Factor: 0.99
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	21	ug/kg
Aroclor 1221	ND	21	ug/kg
Aroclor 1232	ND	21	ug/kg
Aroclor 1242	ND	21	ug/kg
Aroclor 1248	ND	21	ug/kg
Aroclor 1254	ND	21	ug/kg
Aroclor 1260	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(35 - 140)
Decachlorobiphenyl	79	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

GC Semivolatiles

Lot-Sample #...: C0J270440-005 **Work Order #...:** L853E1AR **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0308035
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 18:10
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(35 - 140)
Decachlorobiphenyl	63	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9HXH1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K040000-060

Prep Date.....: 11/04/10 **Analysis Time..:** 21:33
Analysis Date..: 11/04/10 **Prep Batch #...:** 0308060
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8082
Aroclor 1221	ND	17	ug/kg	SW846 8082
Aroclor 1232	ND	17	ug/kg	SW846 8082
Aroclor 1242	ND	17	ug/kg	SW846 8082
Aroclor 1248	ND	17	ug/kg	SW846 8082
Aroclor 1254	ND	17	ug/kg	SW846 8082
Aroclor 1260	ND	17	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	117	(35 - 140)
Decachlorobiphenyl	104	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9HXH1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K040000-060
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 22:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**90**	**(55 - 130)**	**SW846 8082**
Aroclor 1260	**91**	**(54 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	117	(35 - 140)
Decachlorobiphenyl	109	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L9HXH1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K040000-060
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 22:02
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**1330**	**1200**	**ug/kg**	**90**	**SW846 8082**
Aroclor 1260	**1330**	**1210**	**ug/kg**	**91**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	117	(35 - 140)
Decachlorobiphenyl	109	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L85231A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J270440-001 L85231A3-MSD
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0308035
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 14:48
Dilution Factor: 0.97 **% Moisture.....:** 86

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**67**	**(55 - 130)**			**SW846 8082**
	66	**(55 - 130)**	**1.2**	**(0-35)**	**SW846 8082**
Aroclor 1260	**68**	**(54 - 130)**			**SW846 8082**
	66	**(54 - 130)**	**0.90**	**(0-29)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(35 - 140)
	82	(35 - 140)
Decachlorobiphenyl	80	(35 - 140)
	77	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J270440 **Work Order #...:** L85231A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J270440-001 L85231A3-MSD
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0308035
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308060 **Analysis Time..:** 14:48
Dilution Factor: 0.97 **% Moisture.....:** 86

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**9460**	**6300**	**ug/kg**	**67**		**SW846 8082**
	ND	**9650**	**6380**	**ug/kg**	**66**	**1.2**	**SW846 8082**
Aroclor 1260	**ND**	**9460**	**6470**	**ug/kg**	**68**		**SW846 8082**
	ND	**9650**	**6410**	**ug/kg**	**66**	**0.90**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(35 - 140)
	82	(35 - 140)
Decachlorobiphenyl	80	(35 - 140)
	77	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-1-102610

TCLP Metals

Lot-Sample #...: C0J270440-001 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0306144						
Arsenic	**0.061**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85231AG**
		Dilution Factor: 1		Analysis Time..: 17:37	MS Run #.....: 0306087	
Barium	**0.31**	**0.20**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85231AH**
		Dilution Factor: 1		Analysis Time..: 17:37	MS Run #.....: 0306087	
Cadmium	**0.026 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85231AJ**
		Dilution Factor: 1		Analysis Time..: 17:37	MS Run #.....: 0306087	
Chromium	**0.030 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85231AK**
		Dilution Factor: 1		Analysis Time..: 17:37	MS Run #.....: 0306087	
Lead	**0.0056 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85231AL**
		Dilution Factor: 1		Analysis Time..: 17:37	MS Run #.....: 0306087	
Selenium	**0.0078 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85231AM**
		Dilution Factor: 1		Analysis Time..: 17:37	MS Run #.....: 0306087	
Silver	**0.0012 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85231AN**
		Dilution Factor: 1		Analysis Time..: 17:37	MS Run #.....: 0306087	
Prep Batch #...: 0306279						
Mercury	**0.000076 B**	**0.00020**	**mg/L**	**SW846 7470A**	**11/02/10**	**L85231AP**
		Dilution Factor: 1		Analysis Time..: 18:54	MS Run #.....: 0306169	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-2-102610

TCLP Metals

Lot-Sample #...: C0J270440-002 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0306144						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/02/10	L85281AG
		Dilution Factor: 1		Analysis Time..: 17:42	MS Run #.....: 0306087	
Barium	**0.016 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85281AH**
		Dilution Factor: 1		Analysis Time..: 17:42	MS Run #.....: 0306087	
Cadmium	**0.00069 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85281AJ**
		Dilution Factor: 1		Analysis Time..: 17:42	MS Run #.....: 0306087	
Chromium	**0.011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85281AK**
		Dilution Factor: 1		Analysis Time..: 17:42	MS Run #.....: 0306087	
Lead	**0.0030 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85281AL**
		Dilution Factor: 1		Analysis Time..: 17:42	MS Run #.....: 0306087	
Selenium	**0.011 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85281AM**
		Dilution Factor: 1		Analysis Time..: 17:42	MS Run #.....: 0306087	
Silver	ND	0.050	mg/L	SW846 6010B	11/02/10	L85281AN
		Dilution Factor: 1		Analysis Time..: 17:42	MS Run #.....: 0306087	
Prep Batch #...: 0306279						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/02/10	L85281AP
		Dilution Factor: 1		Analysis Time..: 18:56	MS Run #.....: 0306169	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-3-102610

TCLP Metals

Lot-Sample #...: C0J270440-003 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0306144						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/02/10	L85291AG
		Dilution Factor: 1		Analysis Time..: 17:48	MS Run #.....: 0306087	
Barium	**0.033 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85291AH**
		Dilution Factor: 1		Analysis Time..: 17:48	MS Run #.....: 0306087	
Cadmium	**0.00044 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85291AJ**
		Dilution Factor: 1		Analysis Time..: 17:48	MS Run #.....: 0306087	
Chromium	**0.023 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85291AK**
		Dilution Factor: 1		Analysis Time..: 17:48	MS Run #.....: 0306087	
Lead	**0.015 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85291AL**
		Dilution Factor: 1		Analysis Time..: 17:48	MS Run #.....: 0306087	
Selenium	**0.0073 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L85291AM**
		Dilution Factor: 1		Analysis Time..: 17:48	MS Run #.....: 0306087	
Silver	ND	0.050	mg/L	SW846 6010B	11/02/10	L85291AN
		Dilution Factor: 1		Analysis Time..: 17:48	MS Run #.....: 0306087	
Prep Batch #...: 0306279						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/02/10	L85291AP
		Dilution Factor: 1		Analysis Time..: 19:01	MS Run #.....: 0306169	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-4-102610

TCLP Metals

Lot-Sample #...: C0J270440-004 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0306144						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/02/10	L853D1AG
		Dilution Factor: 1		Analysis Time..: 17:53	MS Run #.....: 0306087	
Barium	**0.074 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853D1AH**
		Dilution Factor: 1		Analysis Time..: 17:53	MS Run #.....: 0306087	
Cadmium	**0.00028 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853D1AJ**
		Dilution Factor: 1		Analysis Time..: 17:53	MS Run #.....: 0306087	
Chromium	**0.031 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853D1AK**
		Dilution Factor: 1		Analysis Time..: 17:53	MS Run #.....: 0306087	
Lead	**0.012 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853D1AL**
		Dilution Factor: 1		Analysis Time..: 17:53	MS Run #.....: 0306087	
Selenium	**0.0087 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853D1AM**
		Dilution Factor: 1		Analysis Time..: 17:53	MS Run #.....: 0306087	
Silver	ND	0.050	mg/L	SW846 6010B	11/02/10	L853D1AN
		Dilution Factor: 1		Analysis Time..: 17:53	MS Run #.....: 0306087	
Prep Batch #...: 0306279						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/02/10	L853D1AP
		Dilution Factor: 1		Analysis Time..: 19:03	MS Run #.....: 0306169	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

TCLP Metals

Lot-Sample #...: C0J270440-005 **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/27/10
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0306144						
Arsenic	**0.0099 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853E1AF**
		Dilution Factor: 1		Analysis Time..: 17:59	MS Run #.....: 0306087	
Barium	**0.47**	**0.20**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853E1AG**
		Dilution Factor: 1		Analysis Time..: 17:59	MS Run #.....: 0306087	
Cadmium	**0.0016 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853E1AH**
		Dilution Factor: 1		Analysis Time..: 17:59	MS Run #.....: 0306087	
Chromium	**0.0048 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853E1AJ**
		Dilution Factor: 1		Analysis Time..: 17:59	MS Run #.....: 0306087	
Lead	**0.041 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853E1AK**
		Dilution Factor: 1		Analysis Time..: 17:59	MS Run #.....: 0306087	
Selenium	**0.0073 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L853E1AL**
		Dilution Factor: 1		Analysis Time..: 17:59	MS Run #.....: 0306087	
Silver	ND	0.050	mg/L	SW846 6010B	11/02/10	L853E1AM
		Dilution Factor: 1		Analysis Time..: 17:59	MS Run #.....: 0306087	
Prep Batch #...: 0306279						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/02/10	L853E1AN
		Dilution Factor: 1		Analysis Time..: 19:04	MS Run #.....: 0306169	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0J290000-237 **Prep Batch #...:** 0306144						
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/02/10	L9ANR1AF
		Dilution Factor: 1				
		Analysis Time..: 17:26				
MB Lot-Sample #: C0J290000-237 **Prep Batch #...:** 0306279						
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/02/10	L9ANR1AN
		Dilution Factor: 1				
		Analysis Time..: 18:52				
MB Lot-Sample #: C0J290000-237 **Prep Batch #...:** 0306144						
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206						
Barium	**0.00054 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/02/10**	**L9ANR1AG**
		Dilution Factor: 1				
		Analysis Time..: 17:26				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/02/10	L9ANR1AH
		Dilution Factor: 1				
		Analysis Time..: 17:26				
Chromium	ND	0.050	mg/L	SW846 6010B	11/02/10	L9ANR1AJ
		Dilution Factor: 1				
		Analysis Time..: 17:26				
Lead	ND	0.050	mg/L	SW846 6010B	11/02/10	L9ANR1AK
		Dilution Factor: 1				
		Analysis Time..: 17:26				
Selenium	**0.0077 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L9ANR1AL**
		Dilution Factor: 1				
		Analysis Time..: 17:26				
Silver	ND	0.050	mg/L	SW846 6010B	11/02/10	L9ANR1AM
		Dilution Factor: 1				
		Analysis Time..: 17:26				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K020000-144 **Prep Batch #...:** 0306144						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/02/10	L9EPC1AE
		Dilution Factor: 1				
		Analysis Time..: 17:20				
Barium	ND	0.20	mg/L	SW846 6010B	11/02/10	L9EPC1AF
		Dilution Factor: 1				
		Analysis Time..: 17:20				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/02/10	L9EPC1AG
		Dilution Factor: 1				
		Analysis Time..: 17:20				
Chromium	ND	0.050	mg/L	SW846 6010B	11/02/10	L9EPC1AH
		Dilution Factor: 1				
		Analysis Time..: 17:20				
Lead	ND	0.050	mg/L	SW846 6010B	11/02/10	L9EPC1AJ
		Dilution Factor: 1				
		Analysis Time..: 17:20				
Selenium	**0.0024 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/02/10**	**L9EPC1AK**
		Dilution Factor: 1				
		Analysis Time..: 17:20				
Silver	ND	0.050	mg/L	SW846 6010B	11/02/10	L9EPC1AL
		Dilution Factor: 1				
		Analysis Time..: 17:20				
MB Lot-Sample #: C0K020000-279 **Prep Batch #...:** 0306279						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/02/10	L9FGG1AA
		Dilution Factor: 1				
		Analysis Time..: 18:49				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K020000-144 **Prep Batch #...:** 0306144					
Arsenic	106	(80 - 120)	SW846 6010B	11/02/10	L9EPC1AQ
		Dilution Factor: 1	Analysis Time..: 17:31		
Barium	102	(80 - 120)	SW846 6010B	11/02/10	L9EPC1AR
		Dilution Factor: 1	Analysis Time..: 17:31		
Cadmium	104	(80 - 120)	SW846 6010B	11/02/10	L9EPC1AT
		Dilution Factor: 1	Analysis Time..: 17:31		
Chromium	101	(80 - 120)	SW846 6010B	11/02/10	L9EPC1AU
		Dilution Factor: 1	Analysis Time..: 17:31		
Lead	100	(80 - 120)	SW846 6010B	11/02/10	L9EPC1AV
		Dilution Factor: 1	Analysis Time..: 17:31		
Selenium	110	(80 - 120)	SW846 6010B	11/02/10	L9EPC1AW
		Dilution Factor: 1	Analysis Time..: 17:31		
Silver	108	(80 - 120)	SW846 6010B	11/02/10	L9EPC1AX
		Dilution Factor: 1	Analysis Time..: 17:31		
LCS Lot-Sample#: C0K020000-279 **Prep Batch #...:** 0306279					
Mercury	100	(80 - 120)	SW846 7470A	11/02/10	L9FGG1AC
		Dilution Factor: 1	Analysis Time..: 18:51		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K020000-144 **Prep Batch #...:** 0306144							
Arsenic	2.00	2.12	mg/L	106	SW846 6010B	11/02/10	L9EPC1AQ
			Dilution Factor: 1		Analysis Time..: 17:31		
Barium	2.00	2.05	mg/L	102	SW846 6010B	11/02/10	L9EPC1AR
			Dilution Factor: 1		Analysis Time..: 17:31		
Cadmium	0.0500	0.0518	mg/L	104	SW846 6010B	11/02/10	L9EPC1AT
			Dilution Factor: 1		Analysis Time..: 17:31		
Chromium	0.200	0.202	mg/L	101	SW846 6010B	11/02/10	L9EPC1AU
			Dilution Factor: 1		Analysis Time..: 17:31		
Lead	0.500	0.499	mg/L	100	SW846 6010B	11/02/10	L9EPC1AV
			Dilution Factor: 1		Analysis Time..: 17:31		
Selenium	2.00	2.20	mg/L	110	SW846 6010B	11/02/10	L9EPC1AW
			Dilution Factor: 1		Analysis Time..: 17:31		
Silver	0.0500	0.0538	mg/L	108	SW846 6010B	11/02/10	L9EPC1AX
			Dilution Factor: 1		Analysis Time..: 17:31		
LCS Lot-Sample#: C0K020000-279 **Prep Batch #...:** 0306279							
Mercury	0.00250	0.00251	mg/L	100	SW846 7470A	11/02/10	L9FGG1AC
			Dilution Factor: 1		Analysis Time..: 18:51		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J270440 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J270511-001 **Prep Batch #...:** 0306144							
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206							
Arsenic	105	(75 - 125)			SW846 6010B	11/02/10	L86L31C3
	103	(75 - 125)	1.4	(0-20)	SW846 6010B	11/02/10	L86L31C4
		Dilution Factor: 1					
		Analysis Time..: 18:26					
		MS Run #.....: 0306087					
Barium	99	(75 - 125)			SW846 6010B	11/02/10	L86L31C5
	96	(75 - 125)	1.9	(0-20)	SW846 6010B	11/02/10	L86L31C6
		Dilution Factor: 10					
		Analysis Time..: 18:48					
		MS Run #.....: 0306087					
Cadmium	95	(75 - 125)			SW846 6010B	11/02/10	L86L31C7
	93	(75 - 125)	1.7	(0-20)	SW846 6010B	11/02/10	L86L31C8
		Dilution Factor: 1					
		Analysis Time..: 18:26					
		MS Run #.....: 0306087					
Chromium	96	(75 - 125)			SW846 6010B	11/02/10	L86L31C9
	94	(75 - 125)	1.3	(0-20)	SW846 6010B	11/02/10	L86L31DA
		Dilution Factor: 1					
		Analysis Time..: 18:26					
		MS Run #.....: 0306087					
Lead	95	(75 - 125)			SW846 6010B	11/02/10	L86L31DC
	94	(75 - 125)	1.1	(0-20)	SW846 6010B	11/02/10	L86L31DD
		Dilution Factor: 1					
		Analysis Time..: 18:26					
		MS Run #.....: 0306087					
Selenium	109	(75 - 125)			SW846 6010B	11/02/10	L86L31DE
	107	(75 - 125)	1.2	(0-20)	SW846 6010B	11/02/10	L86L31DF
		Dilution Factor: 1					
		Analysis Time..: 18:26					
		MS Run #.....: 0306087					
Silver	110	(75 - 125)			SW846 6010B	11/02/10	L86L31DG
	109	(75 - 125)	0.99	(0-20)	SW846 6010B	11/02/10	L86L31DH
		Dilution Factor: 1					
		Analysis Time..: 18:26					
		MS Run #.....: 0306087					

MS Lot-Sample #: C0J270511-001 **Prep Batch #...:** 0306279
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206
(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J270440 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	89	(75 - 125)			SW846 7470A	11/02/10	L86L31DJ
	91	(75 - 125)	2.0	(0-20)	SW846 7470A	11/02/10	L86L31DK

Dilution Factor: 1
Analysis Time..: 19:08
MS Run #.....: 0306169

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J270440 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J270511-001 **Prep Batch #...:** 0306144									
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206									
Arsenic									
	ND	5.00	5.24	mg/L	105		SW846 6010B	11/02/10	L86L31C3
	ND	5.00	5.17	mg/L	103	1.4	SW846 6010B	11/02/10	L86L31C4
			Dilution Factor: 1						
			Analysis Time..: 18:26						
			MS Run #.....: 0306087						
Barium									
	20.4	50.0	69.7	mg/L	99		SW846 6010B	11/02/10	L86L31C5
	20.4	50.0	68.3	mg/L	96	1.9	SW846 6010B	11/02/10	L86L31C6
			Dilution Factor: 10						
			Analysis Time..: 18:48						
			MS Run #.....: 0306087						
Cadmium									
	ND	1.00	0.946	mg/L	95		SW846 6010B	11/02/10	L86L31C7
	ND	1.00	0.930	mg/L	93	1.7	SW846 6010B	11/02/10	L86L31C8
			Dilution Factor: 1						
			Analysis Time..: 18:26						
			MS Run #.....: 0306087						
Chromium									
	0.0034	5.00	4.78	mg/L	96		SW846 6010B	11/02/10	L86L31C9
	0.0034	5.00	4.72	mg/L	94	1.3	SW846 6010B	11/02/10	L86L31DA
			Dilution Factor: 1						
			Analysis Time..: 18:26						
			MS Run #.....: 0306087						
Lead									
	ND	5.00	4.74	mg/L	95		SW846 6010B	11/02/10	L86L31DC
	ND	5.00	4.68	mg/L	94	1.1	SW846 6010B	11/02/10	L86L31DD
			Dilution Factor: 1						
			Analysis Time..: 18:26						
			MS Run #.....: 0306087						
Selenium									
	0.0049	1.00	1.09	mg/L	109		SW846 6010B	11/02/10	L86L31DE
	0.0049	1.00	1.08	mg/L	107	1.2	SW846 6010B	11/02/10	L86L31DF
			Dilution Factor: 1						
			Analysis Time..: 18:26						
			MS Run #.....: 0306087						

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MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J270440 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	0.0015	1.00	1.10	mg/L	110		SW846 6010B	11/02/10	L86L31DG
	0.0015	1.00	1.09	mg/L	109	0.99	SW846 6010B	11/02/10	L86L31DH

Dilution Factor: 1
Analysis Time..: 18:26
MS Run #.....: 0306087

MS Lot-Sample #: C0J270511-001 **Prep Batch #...:** 0306279
Leach Date.....: 10/30/10 **Leach Batch #..:** P030206

Mercury									
	ND	0.00500	0.00447	mg/L	89		SW846 7470A	11/02/10	L86L31DJ
	ND	0.00500	0.00456	mg/L	91	2.0	SW846 7470A	11/02/10	L86L31DK

Dilution Factor: 1
Analysis Time..: 19:08
MS Run #.....: 0306169

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-1-102610

General Chemistry

Lot-Sample #...: C0J270440-001 **Work Order #...:** L8523 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 86

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**10.2**		--	**SW846 9045C**	**10/28/10**	**0301326**
		Dilution Factor: 1		Analysis Time..: 15:32	MS Run #.....: 0301199	
Cyanide, Total	**1.3 B**	**3.6**	**mg/kg**	**SW846 9012A**	**11/01/10**	**0305132**
		Dilution Factor: 1		Analysis Time..: 14:46	MS Run #.....: 0305092	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**10/27/10**	**0300310**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**13.7**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**
		Dilution Factor: 1		Analysis Time..: 08:17	MS Run #.....: 0300178	
Total Sulfide	**157 B**	**218**	**mg/kg**	**SW846 9030B/9034**	**10/28/10**	**0301285**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-2-102610

General Chemistry

Lot-Sample #...: C0J270440-002 **Work Order #...:** L8528 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.6**		--	**SW846 9045C**	**10/28/10**	**0301326**
		Dilution Factor: 1		Analysis Time..: 15:36	MS Run #.....: 0301199	
Cyanide, Total	**0.14 B**	**0.61**	**mg/kg**	**SW846 9012A**	**11/01/10**	**0305132**
		Dilution Factor: 1		Analysis Time..: 14:46	MS Run #.....: 0305092	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**10/27/10**	**0300310**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**82.2**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**
		Dilution Factor: 1		Analysis Time..: 08:17	MS Run #.....: 0300178	
Total Sulfide	**24.3 B**	**36.5**	**mg/kg**	**SW846 9030B/9034**	**10/28/10**	**0301285**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-3-102610

General Chemistry

Lot-Sample #...: C0J270440-003 **Work Order #...:** L8529 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 44

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.1**		--	**SW846 9045C**	**10/28/10**	**0301326**
		Dilution Factor: 1		Analysis Time..: 15:38	MS Run #.....: 0301199	
Cyanide, Total	**0.34 B**	**0.90**	**mg/kg**	**SW846 9012A**	**11/01/10**	**0305132**
		Dilution Factor: 1		Analysis Time..: 14:46	MS Run #.....: 0305092	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**10/27/10**	**0300310**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**55.8**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**
		Dilution Factor: 1		Analysis Time..: 08:17	MS Run #.....: 0300178	
Total Sulfide	**31.5 B**	**53.7**	**mg/kg**	**SW846 9030B/9034**	**10/28/10**	**0301285**
		Dilution Factor: 1		Analysis Time..: 14:10	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-4-102610

General Chemistry

Lot-Sample #...: C0J270440-004 **Work Order #...:** L853D **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.5**		**--**	**SW846 9045C**	**10/28/10**	**0301326**
	Dilution Factor: 1			Analysis Time..: 15:40	MS Run #.....: 0301199	
Cyanide, Total	**0.19 B**	**0.64**	**mg/kg**	**SW846 9012A**	**11/01/10**	**0305132**
	Dilution Factor: 1			Analysis Time..: 14:47	MS Run #.....: 0305092	
Ignitability	**NO**	**--**	**No Units**	**SW846 SECTION 7.1**	**10/27/10**	**0300310**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**78.0**		**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**
	Dilution Factor: 1			Analysis Time..: 00:00	MS Run #.....: 0300178	
Total Sulfide	**48.2**	**38.5**	**mg/kg**	**SW846 9030B/9034**	**10/28/10**	**0301285**
	Dilution Factor: 1			Analysis Time..: 14:10	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

General Chemistry

Lot-Sample #...: C0J270440-005 **Work Order #...:** L853E **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/27/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Ignitability	**NO**	**--**	**No Units**	**SW846 SECTION 7.1**	**10/27/10**	**0300310**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**84.2**	**1.0**	**%**	**SM20 2540G**	**11/11-11/12/10**	**0315204**
		Dilution Factor: 1		Analysis Time..: 08:21	MS Run #.....: 0315170	

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: L9DGL1AA		MB Lot-Sample #:	C0K010000-132	
	ND	0.50	mg/kg	SW846 9012A	11/01/10	0305132
		Dilution Factor: 1				
		Analysis Time..: 14:40				
Total Sulfide		Work Order #: L88EN1AA		MB Lot-Sample #:	C0J280000-285	
	ND	30.0	mg/kg	SW846 9030B/9034	10/28/10	0301285
		Dilution Factor: 1				
		Analysis Time..: 14:10				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide		WO#:L88EN1AC-LCS/L88EN1AD-LCSD				LCS Lot-Sample#: C0J280000-285	
	91	(85 - 115)			SW846 9030B/9034	10/28/10	0301285
	95	(85 - 115)	4.0	(0-20)	SW846 9030B/9034	10/28/10	0301285

Dilution Factor: 1 Analysis Time..: 14:10

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide	WO#:L88EN1AC-LCS/L88EN1AD-LCSD LCS Lot-Sample#: C0J280000-285							
	192	175	mg/kg	91		SW846 9030B/9034	10/28/10	0301285
	192	182	mg/kg	95	4.0	SW846 9030B/9034	10/28/10	0301285

Dilution Factor: 1 Analysis Time..: 14:10

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: L88K91AA	LCS Lot-Sample#: C0J280000-326		
	100	(99 - 101)	SW846 9045C	10/28/10	0301326
		Dilution Factor: 1	Analysis Time..: 15:30		
Cyanide, Total		Work Order #: L9DGL1AC	LCS Lot-Sample#: C0K010000-132		
	126	(38 - 162)	SW846 9012A	11/01/10	0305132
		Dilution Factor: 1	Analysis Time..: 14:33		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0J270440 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH			Work Order #: L88K91AA		LCS Lot-Sample#: C0J280000-326		
	7.00	7.01	--	100	SW846 9045C	10/28/10	0301326
			Dilution Factor: 1		Analysis Time..: 15:30		
Cyanide, Total			Work Order #: L9DGL1AC		LCS Lot-Sample#: C0K010000-132		
	54.6	68.9	mg/kg	126	SW846 9012A	11/01/10	0305132
			Dilution Factor: 1		Analysis Time..: 14:33		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J270440 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 11	
Cyanide, Total		WO#: L84RL1CJ-MS/L84RL1CK-MSD				MS Lot-Sample #: C0J260498-001	
	93	(75 - 125)			SW846 9012A	11/01/10	0305132
	91	(75 - 125)	1.9	(0-20)	SW846 9012A	11/01/10	0305132

Dilution Factor: 1
Analysis Time..: 15:16
MS Run #.....: 0305092

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0J270440 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
							% Moisture.....: 11		
Cyanide, Total			WO#: L84RL1CJ-MS/L84RL1CK-MSD				MS Lot-Sample #: C0J260498-001		
	0.17	5.61	5.35	mg/kg	93		SW846 9012A	11/01/10	0305132
	0.17	5.61	5.25	mg/kg	91	1.9	SW846 9012A	11/01/10	0305132

Dilution Factor: 1
Analysis Time..: 15:16
MS Run #.....: 0305092

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J270440 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/28/10

Percnt Moisture: 22

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #...: L88MA1A6		MS Lot-Sample #: C0J280485-001	
	78	(75 - 125)	SW846 9012A	11/01/10	0305132

Dilution Factor: 1 Analysis Time..: 14:47
MS Run #.....: 0305092

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0J270440 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/28/10

Percnt Moisture: 22

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #...: L88MA1A6					MS Lot-Sample #: C0J280485-001		
	0.93	5.00	4.84	mg/kg	78	SW846 9012A	11/01/10	0305132

Dilution Factor: 1 Analysis Time..: 14:47
MS Run #.....: 0305092

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J270440 **Work Order #...:** L85V3-SMP **Matrix.....:** SOLID
L85V3-DUP
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 39

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0J270409-001		
	60.9	61.9	%	1.7	(0-20)	SM20 2540G	10/27-10/28/10	0300301

Dilution Factor: 1 Analysis Time..: 08:17 MS Run Number..: 0300178

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J270440 **Work Order #...:** L8523-SMP **Matrix.....:** SOLID
L8523-DUP
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 86

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C0J270440-001		
	10.2	10.3	--	0.098	(0-2.0)	SW846 9045C	10/28/10	0301326

Dilution Factor: 1 Analysis Time..: 15:32 MS Run Number..: 0301199

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J270440 **Work Order #...:** L9T93-SMP **Matrix.....:** SOLID
L9T93-DUP
Date Sampled...: 11/10/10 **Date Received..:** 11/10/10
% Moisture.....: 22

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K100593-003		
	78.2	77.8	%	0.52	(0-20)	SM20 2540G	11/11-11/12/10	0315204

Dilution Factor: 1 Analysis Time..: 08:21 MS Run Number..: 0315170

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0J260414

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

October 27, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J260414

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 26, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibration standards had chloroethane with a %D >25%; but it was within the expected performance range for this compound.

Metals:
There were no problems associated with the analysis.

General Chemistry:
There were no problems associated with the analysis.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: MACTEC Inc.	Client Project Manager: Rob Crowley	Site Contact: Chris Hurtt	Lab Contact: Carrie Gamber	COC No: 008185
Address: 900 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428	1 of 1 COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com			
Phone:		TAT if different from below: Standard ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day		
Project Name: Schmigel Hoosick Falls	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Preservation: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other: MeOH	Analyses: VOC	SVOC/MeOH	Lead air	Lead Soil	Sample Specific Notes / Special Instructions:
WS-01-102510	10/25/10	1350				X							X	X	4	2			24 hr. TAT
LNE-1-102510	10/25/10	1510	X										X				1		388 Liters standard TAT
LSW-1-102510	10/25/10	1510	X										X				1		394 Liters standard TAT
CS-01-102510	↓	1540											X	X	4	X CH		1	
CS-2-102510	↓	1550											X	X	4	X CH		2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
LNE-1-102510 ran for 194 min.
LSW-1-102510 ran for 197 min.

Relinquished by: Chris Hurtt	Company: MACTEC	Date/Time: 10/25/10 1600	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA-Pitt	Date/Time: 10/26/10 0855

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TAL 0018- 1 (04/10)

METHODS SUMMARY

C0J260414

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0J260414

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L833L	001	WS-01-102510	10/25/10	13:50
L833N	002	CS-01-102510	10/25/10	15:40
L833Q	003	CS-02-102510	10/25/10	15:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-001 **Work Order #...:** L833L1AC **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10 **MS Run #.....:** 0299044
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 12:18
Dilution Factor: 0.95
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**36**	**23**	**ug/kg**
Benzene	ND	5.7	ug/kg
Bromodichloromethane	ND	5.7	ug/kg
Bromoform	ND	5.7	ug/kg
Bromomethane	ND	5.7	ug/kg
2-Butanone	**7.2**	**5.7**	**ug/kg**
Carbon disulfide	ND	5.7	ug/kg
Carbon tetrachloride	ND	5.7	ug/kg
Chlorobenzene	ND	5.7	ug/kg
Chloroethane	ND	5.7	ug/kg
Chloroform	ND	5.7	ug/kg
Chloromethane	ND	5.7	ug/kg
Cyclohexane	ND	5.7	ug/kg
Dibromochloromethane	ND	5.7	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg
1,2-Dibromoethane	ND	5.7	ug/kg
1,3-Dichlorobenzene	ND	5.7	ug/kg
1,4-Dichlorobenzene	ND	5.7	ug/kg
1,2-Dichlorobenzene	ND	5.7	ug/kg
Dichlorodifluoromethane	ND	5.7	ug/kg
1,1-Dichloroethane	ND	5.7	ug/kg
1,2-Dichloroethane	ND	5.7	ug/kg
1,1-Dichloroethene	ND	5.7	ug/kg
cis-1,2-Dichloroethene	ND	5.7	ug/kg
trans-1,2-Dichloroethene	ND	5.7	ug/kg
1,2-Dichloropropane	ND	5.7	ug/kg
cis-1,3-Dichloropropene	ND	5.7	ug/kg
trans-1,3-Dichloropropene	ND	5.7	ug/kg
Ethylbenzene	**2.3 J**	**5.7**	**ug/kg**
2-Hexanone	ND	5.7	ug/kg
Isopropylbenzene	ND	5.7	ug/kg
Methyl acetate	ND	5.7	ug/kg
Methylene chloride	ND	5.7	ug/kg
Methylcyclohexane	ND	5.7	ug/kg
4-Methyl-2-pentanone	ND	5.7	ug/kg
Methyl tert-butyl ether	ND	5.7	ug/kg
Styrene	ND	5.7	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-001 **Work Order #...:** L833L1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg
1,2,4-Trichloro-benzene	ND	5.7	ug/kg
Tetrachloroethene	ND	5.7	ug/kg
1,1,1-Trichloroethane	ND	5.7	ug/kg
1,1,2-Trichloroethane	ND	5.7	ug/kg
Trichloroethene	ND	5.7	ug/kg
Trichlorofluoromethane	ND	5.7	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg
Toluene	ND	5.7	ug/kg
Vinyl chloride	ND	5.7	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(52 - 124)
Toluene-d8	111	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	108	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-01-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-002 **Work Order #...:** L833N1AC **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10 **MS Run #.....:** 0299044
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 12:41
Dilution Factor: 1.05
% Moisture.....: 6.6 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	22	ug/kg
Benzene	ND	5.6	ug/kg
Bromodichloromethane	ND	5.6	ug/kg
Bromoform	ND	5.6	ug/kg
Bromomethane	ND	5.6	ug/kg
2-Butanone	ND	5.6	ug/kg
Carbon disulfide	ND	5.6	ug/kg
Carbon tetrachloride	ND	5.6	ug/kg
Chlorobenzene	ND	5.6	ug/kg
Chloroethane	ND	5.6	ug/kg
Chloroform	ND	5.6	ug/kg
Chloromethane	ND	5.6	ug/kg
Cyclohexane	ND	5.6	ug/kg
Dibromochloromethane	ND	5.6	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.6	ug/kg
1,2-Dibromoethane	ND	5.6	ug/kg
1,3-Dichlorobenzene	ND	5.6	ug/kg
1,4-Dichlorobenzene	ND	5.6	ug/kg
1,2-Dichlorobenzene	ND	5.6	ug/kg
Dichlorodifluoromethane	ND	5.6	ug/kg
1,1-Dichloroethane	ND	5.6	ug/kg
1,2-Dichloroethane	ND	5.6	ug/kg
1,1-Dichloroethene	ND	5.6	ug/kg
cis-1,2-Dichloroethene	ND	5.6	ug/kg
trans-1,2-Dichloroethene	ND	5.6	ug/kg
1,2-Dichloropropane	ND	5.6	ug/kg
cis-1,3-Dichloropropene	ND	5.6	ug/kg
trans-1,3-Dichloropropene	ND	5.6	ug/kg
Ethylbenzene	ND	5.6	ug/kg
2-Hexanone	ND	5.6	ug/kg
Isopropylbenzene	ND	5.6	ug/kg
Methyl acetate	ND	5.6	ug/kg
Methylene chloride	ND	5.6	ug/kg
Methylcyclohexane	ND	5.6	ug/kg
4-Methyl-2-pentanone	ND	5.6	ug/kg
Methyl tert-butyl ether	ND	5.6	ug/kg
Styrene	ND	5.6	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-01-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-002 **Work Order #...:** L833N1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg
1,2,4-Trichloro-benzene	ND	5.6	ug/kg
Tetrachloroethene	ND	5.6	ug/kg
1,1,1-Trichloroethane	ND	5.6	ug/kg
1,1,2-Trichloroethane	ND	5.6	ug/kg
Trichloroethene	ND	5.6	ug/kg
Trichlorofluoromethane	ND	5.6	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.6	ug/kg
Toluene	ND	5.6	ug/kg
Vinyl chloride	ND	5.6	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	82	(52 - 124)
Toluene-d8	114	(72 - 127)
4-Bromofluorobenzene	81	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-02-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-003 **Work Order #...:** L833Q1AC **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10 **MS Run #.....:** 0299044
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 13:06
Dilution Factor: 1.01
% Moisture.....: 21 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**9.4 J**	**25**	**ug/kg**
Benzene	ND	6.4	ug/kg
Bromodichloromethane	ND	6.4	ug/kg
Bromoform	ND	6.4	ug/kg
Bromomethane	ND	6.4	ug/kg
2-Butanone	ND	6.4	ug/kg
Carbon disulfide	ND	6.4	ug/kg
Carbon tetrachloride	ND	6.4	ug/kg
Chlorobenzene	ND	6.4	ug/kg
Chloroethane	ND	6.4	ug/kg
Chloroform	ND	6.4	ug/kg
Chloromethane	ND	6.4	ug/kg
Cyclohexane	ND	6.4	ug/kg
Dibromochloromethane	ND	6.4	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg
1,2-Dibromoethane	ND	6.4	ug/kg
1,3-Dichlorobenzene	ND	6.4	ug/kg
1,4-Dichlorobenzene	ND	6.4	ug/kg
1,2-Dichlorobenzene	ND	6.4	ug/kg
Dichlorodifluoromethane	ND	6.4	ug/kg
1,1-Dichloroethane	ND	6.4	ug/kg
1,2-Dichloroethane	ND	6.4	ug/kg
1,1-Dichloroethene	ND	6.4	ug/kg
cis-1,2-Dichloroethene	ND	6.4	ug/kg
trans-1,2-Dichloroethene	ND	6.4	ug/kg
1,2-Dichloropropane	ND	6.4	ug/kg
cis-1,3-Dichloropropene	ND	6.4	ug/kg
trans-1,3-Dichloropropene	ND	6.4	ug/kg
Ethylbenzene	ND	6.4	ug/kg
2-Hexanone	ND	6.4	ug/kg
Isopropylbenzene	ND	6.4	ug/kg
Methyl acetate	ND	6.4	ug/kg
Methylene chloride	ND	6.4	ug/kg
Methylcyclohexane	ND	6.4	ug/kg
4-Methyl-2-pentanone	ND	6.4	ug/kg
Methyl tert-butyl ether	ND	6.4	ug/kg
Styrene	ND	6.4	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-02-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-003 **Work Order #...:** L833Q1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg
1,2,4-Trichloro-benzene	ND	6.4	ug/kg
Tetrachloroethene	ND	6.4	ug/kg
1,1,1-Trichloroethane	ND	6.4	ug/kg
1,1,2-Trichloroethane	ND	6.4	ug/kg
Trichloroethene	ND	6.4	ug/kg
Trichlorofluoromethane	ND	6.4	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg
Toluene	ND	6.4	ug/kg
Vinyl chloride	ND	6.4	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	81	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J260414 **Work Order #...:** L83WH1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0J260000-061

Prep Date.....: 10/26/10 **Analysis Time..:** 06:30
Analysis Date..: 10/26/10 **Prep Batch #...:** 0299061
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J260414 **Work Order #...:** L83WH1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	87	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J260414 **Work Order #...:** L83WH1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0J260000-061
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 07:20
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**106**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**105**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**82**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**107**	**(76 - 119)**	**SW846 8260B**
Toluene	**110**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	104	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J260414 **Work Order #...:** L80RK1CE-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J220550-001 L80RK1CF-MSD
Date Sampled...: 10/20/10 **Date Received..:** 10/22/10 **MS Run #.....:** 0299044
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 07:42
Dilution Factor: 1 **% Moisture.....:** 6.4

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**99**	**(77 - 120)**			**SW846 8260B**
	103	**(77 - 120)**	**4.4**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**99**	**(79 - 120)**			**SW846 8260B**
	105	**(79 - 120)**	**5.5**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**91**	**(59 - 129)**			**SW846 8260B**
	95	**(59 - 129)**	**4.4**	**(0-25)**	**SW846 8260B**
Trichloroethene	**100**	**(76 - 119)**			**SW846 8260B**
	103	**(76 - 119)**	**2.9**	**(0-21)**	**SW846 8260B**
Toluene	**104**	**(78 - 124)**			**SW846 8260B**
	111	**(78 - 124)**	**6.0**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(52 - 124)
	90	(52 - 124)
Toluene-d8	106	(72 - 127)
	113	(72 - 127)
4-Bromofluorobenzene	89	(63 - 120)
	94	(63 - 120)
Dibromofluoromethane	100	(68 - 121)
	105	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

TOTAL Metals

Lot-Sample #...: C0J260414-001 **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0299397						
Lead	**16.9**	**0.33**	**mg/kg**	**SW846 6010B**	**10/26-10/27/10**	**L833L1AD**
		Dilution Factor: 0.93		Analysis Time..: 11:54	MS Run #.....: 0299233	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-01-102510

TOTAL Metals

Lot-Sample #...: C0J260414-002 **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 6.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0299397						
Lead	**35.9**	**0.30**	**mg/kg**	**SW846 6010B**	**10/26-10/27/10**	**L833N1AD**
		Dilution Factor: 0.94		Analysis Time..: 11:59	MS Run #.....: 0299233	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-02-102510

TOTAL Metals

Lot-Sample #...: C0J260414-003 **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0299397						
Lead	**14.1**	**0.20**	**mg/kg**	**SW846 6010B**	**10/26-10/27/10**	**L833Q1AD**
		Dilution Factor: 0.54		Analysis Time..: 12:04	MS Run #.....: 0299233	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0J260414 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0J260000-397 **Prep Batch #...:** 0299397						
Lead	ND	0.16	mg/kg	SW846 6010B	10/26-10/27/10	L84891AU
		Dilution Factor: 0.52				
		Analysis Time..: 11:17				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0J260414 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0J260000-397 **Prep Batch #...:** 0299397					
Lead	90	(80 - 120)	SW846 6010B	10/26-10/27/10	L84891CK
		Dilution Factor: 0.85	Analysis Time..: 11:23		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0J260414 **Matrix.....:** SOLID
Date Sampled...: 10/21/10 **Date Received..:** 10/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J220406-001 **Prep Batch #...:** 0299397							
						% Moisture.....: 17	
Lead	80	(75 - 125)			SW846 6010B	10/26-10/27/10	L8W5V1C7
	81	(75 - 125)	10	(0-20)	SW846 6010B	10/26-10/27/10	L8W5V1C8

Dilution Factor: 0.84
Analysis Time..: 13:33
MS Run #.....: 0299233

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

General Chemistry

Lot-Sample #...: C0J260414-001 **Work Order #...:** L833L **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.1**		**%**	**SM20 2540G**	**10/26-10/27/10**	**0299288**

Dilution Factor: 1 Analysis Time..: 08:07 MS Run #.....: 0299155

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-01-102510

General Chemistry

Lot-Sample #...: C0J260414-002 **Work Order #...:** L833N **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.4**		**%**	**SM20 2540G**	**10/26-10/27/10**	**0299288**

Dilution Factor: 1 Analysis Time..: 08:07 MS Run #.....: 0299155

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-02-102510

General Chemistry

Lot-Sample #...: C0J260414-003 **Work Order #...:** L833Q **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.2**		**%**	**SM20 2540G**	**10/26-10/27/10**	**0299288**

Dilution Factor: 1 Analysis Time..: 08:07 MS Run #.....: 0299155

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J260414 **Work Order #...:** L8QXM-SMP **Matrix.....:** SOLID
L8QXM-DUP
Date Sampled...: 10/19/10 **Date Received..:** 10/20/10
% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0J200412-001		
	100	100	%	0.0	(0-20)	SM20 2540G	10/26-10/27/10	0299288

Dilution Factor: 1 Analysis Time..: 08:07 MS Run Number..: 0299155

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0J290458

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

November 23, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J290458

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 29, 2010. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

TCLP GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibrations had 2-butanone >25%D but it was within expected performance range for this compound. All results were reported.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

Due to the concentration of target compounds detected, the samples were analyzed at a dilution.

TCLP GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The surrogate of several samples recovered outside control limits for 2-fluorophenol. The remaining surrogate compounds recovered within acceptable QC limits.

The surrogates of the method blank and laboratory control samples from batch 0307398 recovered above control limits for 2-fluorophenol. The remaining surrogate compounds recovered within acceptable QC limits. No requested compounds were detected in the associated samples therefore; all results were reported.

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J290458

TCLP Pesticides:
All compounds <20% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A curve will be used for a compound where it is determined to be the "best-fit" evaluation.

PCB's:
The surrogates of samples D-8-102810 and D-14-102810 recovered outside control limits for decachlorobiphenyl. Tetrachloro-m-xylene recovered within acceptable QC limits.

The matrix spikes of sample D-25-102810 recovered outside control limits for aroclor 1016.

TCLP Metals:
The TCLP leachate blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier.

The method blanks from batches 0308093 and 0308142 had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

The matrix spikes of samples D-5-102710 and D-15-102810 were over the instrument's linear range for barium and lead and were analyzed at a dilution.

General Chemistry:
The test for pH is a field parameter. The laboratory pH analysis was completed at the request of the client.

For ignitability of solids, the samples are considered flammable in direct flame but do not meet the criteria for ignitable.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: MACTEC Inc.	Client Project Manager: Rob Crowley	Site Contact: Chris Hortert	Lab Contact: Carrie Lumber
Address: 600 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428
City/State/Zip: Pittsburgh, Pa 15106	Email: recrowley@mactec.com	Analysis Turnaround Time (in BUS days)	Analyses
Phone: 412-279-6661		TAT if different from below _____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Project Name: HW Hoosick Falls	Method of Shipment/Carrier: Fed Ex		
Project Number:	Shipping/Tracking No:		
PO#			

COC No: 003364
1 of 2 COCs

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Field Sample (Y/N)	Composite/Grab	Lead	TCLP and TRL	Sample Specific Notes / Special Instructions:
D-5-102810	10/28/10	1103					X						X				1	1	
D-6-102810		1109															1	1	
D-7-102810		1118																	
D-8-102810		1125																	
D-9-102810		1145																	
D-10-102810		1153																	
D-11-102810		1200																	
D-12-102810		1213																	
D-13-102810		1225																	
D-14-102810		1238																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
all zip lock bags 3 coolers

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	10/28/10 1400			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA Pitt	10/29/10 1000

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TAL 0018- 1 (04/10)

C0J290458

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC Inc.	Rob Crowley	Chris Hortert	Carrie Gumber	003363
Address: 800 N. Bell Ave Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428	2 of 2 COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com	Analysis Turnaround Time (in BUS days)	Analyses	
Phone: 412-279-6661		TAT if different from below 5day		
Project Name: HW Hoosick Falls	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Number:	Shipping/Tracking No:			

PO #	Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y/N)	Containers & Coolers	Lead	PAH's 8270C	Sample Specific Notes / Special Instructions:
	D-15-102810	10/26/10	1235					X						X			C	1	1	all zip
	D-16-102810		1359														C	X	1	lock bags
	D-17-102810		1410														C	X	1	
	D-18-102810		1416														C	X	1	
	D-19-102810		1425														C	X	1	
	D-20-102810		1430														C	X	1	
	D-21-102810		1440														C	X	1	
	D-22-102810		1447														C	X	1	
	D-23-102810		1450														C	X	1	
	D-24-102810 / D-25-102810		1504/1507					X						X			C	X	X	1 ziplock

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
3 Coolers

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	10/28/10 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA-Pitt	Date/Time: 10/29/10 1000

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0J290458

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Cyanide, Total	SW846 9012A	SW846 9012A
Ignitability	SW846 SECTION 7	SW846 SECTION 7
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 1311/7470
Organochlorine Pesticides	SW846 8081A	SW846 1311/3510
PCBs by SW-846 8082	SW846 8082	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 1311/3510
Soil and Waste pH	SW846 9045C	SW846 9045C
Sulfides, Total 9030B/9034	SW846 9030B/903	SW846 9030B/903
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1311/3010
Volatile Organics by GC/MS	SW846 8260B	SW846 1311/5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0J290458

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L9AHM	001	D-5-102710	10/28/10	11:03
L9AHN	002	D-6-102810	10/28/10	11:09
L9AHP	003	D-7-102810	10/28/10	11:18
L9AHQ	004	D-8-102810	10/28/10	11:25
L9AHR	005	D-9-102810	10/28/10	11:45
L9AHV	006	D-10-102810	10/28/10	11:53
L9AHW	007	D-11-102810	10/28/10	12:00
L9AHX	008	D-12-102810	10/28/10	12:13
L9AH0	009	D-13-102810	10/28/10	12:25
L9AH3	010	D-14-102810	10/28/10	12:28
L9AH4	011	D-15-102810	10/28/10	12:35
L9AH5	012	D-16-102810	10/28/10	13:59
L9AH6	013	D-17-102810	10/28/10	14:10
L9AH7	014	D-18-102810	10/28/10	14:16
L9AH8	015	D-19-102810	10/28/10	14:25
L9AH9	016	D-20-102810	10/28/10	14:30
L9AJA	017	D-21-102810	10/28/10	14:40
L9AJC	018	D-22-102810	10/28/10	14:42
L9AJD	019	D-23-102810	10/28/10	14:50
L9AJE	020	D-24-102810	10/28/10	15:00
L9AJF	021	D-25-102810	10/28/10	15:07

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-5-102710

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-001 **Work Order #...:** L9AHM1AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 10:32
Dilution Factor: 4
% Moisture.....: 34 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	107	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	86	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-6-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-002	**Work Order #...:** L9AHN1AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030508	**Prep Batch #...:** 0308237	**Analysis Time..:** 12:16
Dilution Factor: 4		
% Moisture.....: 35	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.15 J**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(64 - 124)
Toluene-d8	99	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-7-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-003	**Work Order #...:** L9AHP1AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030508	**Prep Batch #...:** 0308237	**Analysis Time..:** 13:12
Dilution Factor: 4		
% Moisture.....: 34	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.22**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	101	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-8-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-004	**Work Order #...:** L9AHQ1AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030508	**Prep Batch #...:** 0308237	**Analysis Time..:** 13:36
Dilution Factor: 4		
% Moisture.....: 29	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	100	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-9-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-005 **Work Order #...:** L9AHR1AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 14:00
Dilution Factor: 4
% Moisture.....: 69 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	99	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-10-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-006 **Work Order #...:** L9AHV1AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 14:23
Dilution Factor: 4
% Moisture.....: 36 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	101	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-11-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-007 **Work Order #...:** L9AHW1AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 14:47
Dilution Factor: 4
% Moisture.....: 50 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	99	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-12-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-008	**Work Order #...:** L9AHX1AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030508	**Prep Batch #...:** 0308237	**Analysis Time..:** 15:11
Dilution Factor: 4		
% Moisture.....: 74	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.19 J**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	100	(80 - 120)
4-Bromofluorobenzene	104	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-13-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-009 **Work Order #...:** L9AH01AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 15:34
Dilution Factor: 4
% Moisture.....: 58 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	100	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-14-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-010 **Work Order #...:** L9AH31AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 15:58
Dilution Factor: 4
% Moisture.....: 23 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	94	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-15-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-011 **Work Order #...:** L9AH41AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 16:21
Dilution Factor: 4
% Moisture.....: 24 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	99	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-16-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-012	**Work Order #...:** L9AH51AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030509	**Prep Batch #...:** 0309112	**Analysis Time..:** 16:45
Dilution Factor: 4		
% Moisture.....: 37	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.12 J**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	101	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-17-102810

GC/MS Volatiles

Lot-Sample #...: C0J290458-013 **Work Order #...:** L9AH61AX **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Prep Date.....: 11/09/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0313350 **Analysis Time..:** 15:32
Dilution Factor: 1262.63
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**9700000**	**1500000**	**ug/kg**
Benzene	ND	370000	ug/kg
Bromodichloromethane	ND	370000	ug/kg
Bromoform	ND	370000	ug/kg
Bromomethane	ND	370000	ug/kg
2-Butanone	ND	370000	ug/kg
Carbon disulfide	ND	370000	ug/kg
Carbon tetrachloride	ND	370000	ug/kg
Chlorobenzene	ND	370000	ug/kg
Chloroethane	ND	370000	ug/kg
Chloroform	ND	370000	ug/kg
Chloromethane	ND	370000	ug/kg
Cyclohexane	ND	370000	ug/kg
Dibromochloromethane	ND	370000	ug/kg
1,2-Dibromo-3-chloro-propane	ND	370000	ug/kg
1,2-Dibromoethane	ND	370000	ug/kg
1,3-Dichlorobenzene	ND	370000	ug/kg
1,4-Dichlorobenzene	ND	370000	ug/kg
1,2-Dichlorobenzene	ND	370000	ug/kg
Dichlorodifluoromethane	ND	370000	ug/kg
1,1-Dichloroethane	ND	370000	ug/kg
1,2-Dichloroethane	ND	370000	ug/kg
1,1-Dichloroethene	ND	370000	ug/kg
cis-1,2-Dichloroethene	ND	370000	ug/kg
trans-1,2-Dichloroethene	ND	370000	ug/kg
1,2-Dichloropropane	ND	370000	ug/kg
cis-1,3-Dichloropropene	ND	370000	ug/kg
trans-1,3-Dichloropropene	ND	370000	ug/kg
Ethylbenzene	ND	370000	ug/kg
2-Hexanone	ND	370000	ug/kg
Isopropylbenzene	ND	370000	ug/kg
Methyl acetate	ND	370000	ug/kg
Methylene chloride	ND	370000	ug/kg
Methylcyclohexane	ND	370000	ug/kg
4-Methyl-2-pentanone	ND	370000	ug/kg
Methyl tert-butyl ether	ND	370000	ug/kg
Styrene	ND	370000	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: D-17-102810

GC/MS Volatiles

Lot-Sample #...: C0J290458-013 **Work Order #...:** L9AH61AX **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	370000	ug/kg
1,2,4-Trichloro-benzene	ND	370000	ug/kg
Tetrachloroethene	ND	370000	ug/kg
1,1,1-Trichloroethane	ND	370000	ug/kg
1,1,2-Trichloroethane	ND	370000	ug/kg
Trichloroethene	ND	370000	ug/kg
Trichlorofluoromethane	ND	370000	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	370000	ug/kg
Toluene	**190000 J**	**370000**	**ug/kg**
Vinyl chloride	ND	370000	ug/kg
Xylenes (total)	ND	1100000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(52 - 124)
Toluene-d8	105	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
Dibromofluoromethane	102	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-17-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-013	**Work Order #...:** L9AH61AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030509	**Prep Batch #...:** 0309112	**Analysis Time..:** 17:10
Dilution Factor: 4		
% Moisture.....: 15	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.054 J**	**0.20**	**mg/L**
2-Butanone	**0.40**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	99	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-18-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-014	**Work Order #...:** L9AH71AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030509	**Prep Batch #...:** 0309112	**Analysis Time..:** 17:34
Dilution Factor: 4		
% Moisture.....: 30	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**1.5**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	99	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-19-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-015	**Work Order #...:** L9AH81AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030509	**Prep Batch #...:** 0309112	**Analysis Time..:** 17:58
Dilution Factor: 4		
% Moisture.....: 57	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.059 J**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	101	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-20-102810

GC/MS Volatiles

Lot-Sample #...: C0J290458-016 **Work Order #...:** L9AH91AX **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Prep Date.....: 11/09/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0313350 **Analysis Time..:** 15:58
Dilution Factor: 1134.3
% Moisture.....: 18 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**8400000**	**1400000**	**ug/kg**
Benzene	ND	350000	ug/kg
Bromodichloromethane	ND	350000	ug/kg
Bromoform	ND	350000	ug/kg
Bromomethane	ND	350000	ug/kg
2-Butanone	ND	350000	ug/kg
Carbon disulfide	ND	350000	ug/kg
Carbon tetrachloride	ND	350000	ug/kg
Chlorobenzene	ND	350000	ug/kg
Chloroethane	ND	350000	ug/kg
Chloroform	ND	350000	ug/kg
Chloromethane	ND	350000	ug/kg
Cyclohexane	ND	350000	ug/kg
Dibromochloromethane	ND	350000	ug/kg
1,2-Dibromo-3-chloro-propane	ND	350000	ug/kg
1,2-Dibromoethane	ND	350000	ug/kg
1,3-Dichlorobenzene	ND	350000	ug/kg
1,4-Dichlorobenzene	ND	350000	ug/kg
1,2-Dichlorobenzene	ND	350000	ug/kg
Dichlorodifluoromethane	ND	350000	ug/kg
1,1-Dichloroethane	ND	350000	ug/kg
1,2-Dichloroethane	ND	350000	ug/kg
1,1-Dichloroethene	ND	350000	ug/kg
cis-1,2-Dichloroethene	ND	350000	ug/kg
trans-1,2-Dichloroethene	ND	350000	ug/kg
1,2-Dichloropropane	ND	350000	ug/kg
cis-1,3-Dichloropropene	ND	350000	ug/kg
trans-1,3-Dichloropropene	ND	350000	ug/kg
Ethylbenzene	ND	350000	ug/kg
2-Hexanone	ND	350000	ug/kg
Isopropylbenzene	ND	350000	ug/kg
Methyl acetate	ND	350000	ug/kg
Methylene chloride	ND	350000	ug/kg
Methylcyclohexane	ND	350000	ug/kg
4-Methyl-2-pentanone	ND	350000	ug/kg
Methyl tert-butyl ether	ND	350000	ug/kg
Styrene	ND	350000	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: D-20-102810

GC/MS Volatiles

Lot-Sample #...: C0J290458-016 **Work Order #...:** L9AH91AX **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	350000	ug/kg
1,2,4-Trichloro-benzene	ND	350000	ug/kg
Tetrachloroethene	ND	350000	ug/kg
1,1,1-Trichloroethane	ND	350000	ug/kg
1,1,2-Trichloroethane	ND	350000	ug/kg
Trichloroethene	ND	350000	ug/kg
Trichlorofluoromethane	ND	350000	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	350000	ug/kg
Toluene	**140000 J**	**350000**	**ug/kg**
Vinyl chloride	ND	350000	ug/kg
Xylenes (total)	ND	1000000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
Toluene-d8	100	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-20-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-016	**Work Order #...:** L9AH91AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030509	**Prep Batch #...:** 0309112	**Analysis Time..:** 18:21
Dilution Factor: 4		
% Moisture.....: 18	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.33**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(64 - 124)
Toluene-d8	100	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-21-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-017	**Work Order #...:** L9AJA1AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0308129
Leach Date.....: 11/01/10	**Prep Date.....:** 11/04/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030509	**Prep Batch #...:** 0309112	**Analysis Time..:** 18:45
Dilution Factor: 4		
% Moisture.....: 43	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	99	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-22-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-018 **Work Order #...:** L9AJC1AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030509 **Prep Batch #...:** 0309112 **Analysis Time..:** 19:08
Dilution Factor: 4
% Moisture.....: 38 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	101	(75 - 120)
Dibromofluoromethane	94	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-23-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-019	**Work Order #...:** L9AJD1AC	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:** 0309154
Leach Date.....: 11/01/10	**Prep Date.....:** 11/05/10	**Analysis Date..:** 11/05/10
Leach Batch #..: P030509	**Prep Batch #...:** 0309286	**Analysis Time..:** 16:34
Dilution Factor: 4		
% Moisture.....: 35	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.11 J**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	95	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-24-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-020 **Work Order #...:** L9AJE1AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0309154
Leach Date.....: 11/01/10 **Prep Date.....:** 11/05/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030509 **Prep Batch #...:** 0309286 **Analysis Time..:** 16:10
Dilution Factor: 4
% Moisture.....: 30 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.22**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	97	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-25-102810

GC/MS Volatiles

Lot-Sample #...: C0J290458-021 **Work Order #...:** L9AJF1A3 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Prep Date.....: 11/09/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0313350 **Analysis Time..:** 16:27
Dilution Factor: 5000
% Moisture.....: 70 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	17000000	ug/kg
Benzene	ND	4200000	ug/kg
Bromodichloromethane	ND	4200000	ug/kg
Bromoform	ND	4200000	ug/kg
Bromomethane	ND	4200000	ug/kg
2-Butanone	ND	4200000	ug/kg
Carbon disulfide	ND	4200000	ug/kg
Carbon tetrachloride	ND	4200000	ug/kg
Chlorobenzene	ND	4200000	ug/kg
Chloroethane	ND	4200000	ug/kg
Chloroform	ND	4200000	ug/kg
Chloromethane	ND	4200000	ug/kg
Cyclohexane	ND	4200000	ug/kg
Dibromochloromethane	ND	4200000	ug/kg
1,2-Dibromo-3-chloro-propane	ND	4200000	ug/kg
1,2-Dibromoethane	ND	4200000	ug/kg
1,3-Dichlorobenzene	ND	4200000	ug/kg
1,4-Dichlorobenzene	ND	4200000	ug/kg
1,2-Dichlorobenzene	ND	4200000	ug/kg
Dichlorodifluoromethane	ND	4200000	ug/kg
1,1-Dichloroethane	ND	4200000	ug/kg
1,2-Dichloroethane	ND	4200000	ug/kg
1,1-Dichloroethene	ND	4200000	ug/kg
cis-1,2-Dichloroethene	ND	4200000	ug/kg
trans-1,2-Dichloroethene	ND	4200000	ug/kg
1,2-Dichloropropane	ND	4200000	ug/kg
cis-1,3-Dichloropropene	ND	4200000	ug/kg
trans-1,3-Dichloropropene	ND	4200000	ug/kg
Ethylbenzene	ND	4200000	ug/kg
2-Hexanone	ND	4200000	ug/kg
Isopropylbenzene	ND	4200000	ug/kg
Methyl acetate	ND	4200000	ug/kg
Methylene chloride	ND	4200000	ug/kg
Methylcyclohexane	ND	4200000	ug/kg
4-Methyl-2-pentanone	ND	4200000	ug/kg
Methyl tert-butyl ether	ND	4200000	ug/kg
Styrene	ND	4200000	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: D-25-102810

GC/MS Volatiles

Lot-Sample #...: C0J290458-021 **Work Order #...:** L9AJF1A3 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	4200000	ug/kg
1,2,4-Trichloro-benzene	ND	4200000	ug/kg
Tetrachloroethene	ND	4200000	ug/kg
1,1,1-Trichloroethane	ND	4200000	ug/kg
1,1,2-Trichloroethane	ND	4200000	ug/kg
Trichloroethene	ND	4200000	ug/kg
Trichlorofluoromethane	ND	4200000	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4200000	ug/kg
Toluene	**100000000**	**4200000**	**ug/kg**
Vinyl chloride	ND	4200000	ug/kg
Xylenes (total)	ND	12000000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-25-102810

TCLP GC/MS Volatiles

Lot-Sample #...: C0J290458-021 **Work Order #...:** L9AJF1AC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0309154
Leach Date.....: 11/01/10 **Prep Date.....:** 11/05/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030509 **Prep Batch #...:** 0309286 **Analysis Time..:** 15:47
Dilution Factor: 4
% Moisture.....: 70 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**1.1**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(64 - 124)
Toluene-d8	91	(80 - 120)
4-Bromofluorobenzene	99	(75 - 120)
Dibromofluoromethane	88	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9DR41AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K010000-269
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 09:14
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	102	(80 - 120)
4-Bromofluorobenzene	100	(75 - 120)
Dibromofluoromethane	85	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9DTP1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K010000-271
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030509 **Prep Batch #...:** 0309112 **Analysis Time..:** 09:40
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	105	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	86	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9L9T1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K050000-286
Prep Date.....: 11/05/10 **Analysis Time..:** 10:02
Analysis Date..: 11/05/10 **Prep Batch #...:** 0309286
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(64 - 124)
Toluene-d8	96	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9RAA1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K090000-350

Prep Date.....: 11/09/10 **Analysis Time..:** 08:59
Analysis Date..: 11/09/10 **Prep Batch #...:** 0313350
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
Methylcyclohexane	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9RAA1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	750	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	96	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9JG91AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K040000-237
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308237 **Analysis Time..:** 10:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**85**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**123**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**91**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**107**	**(78 - 118)**	**SW846 8260B**
Chloroform	**95**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**102**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**85**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**123**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**90**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**83**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	104	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	89	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9JG91AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K040000-237
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308237 **Analysis Time..:** 10:58
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.340**	**mg/L**	**85**	**SW846 8260B**
2-Butanone	**0.400**	**0.490**	**mg/L**	**123**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.363**	**mg/L**	**91**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.430**	**mg/L**	**107**	**SW846 8260B**
Chloroform	**0.400**	**0.379**	**mg/L**	**95**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.408**	**mg/L**	**102**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.342**	**mg/L**	**85**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.491**	**mg/L**	**123**	**SW846 8260B**
Trichloroethene	**0.400**	**0.359**	**mg/L**	**90**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.332**	**mg/L**	**83**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	104	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	89	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9K291AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-112
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0309112 **Analysis Time..:** 10:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**85**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**123**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**91**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**107**	**(78 - 118)**	**SW846 8260B**
Chloroform	**95**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**102**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**85**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**123**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**90**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**83**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	104	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	89	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9K291AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-112
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0309112 **Analysis Time..:** 10:58
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.340**	**mg/L**	**85**	**SW846 8260B**
2-Butanone	**0.400**	**0.490**	**mg/L**	**123**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.363**	**mg/L**	**91**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.430**	**mg/L**	**107**	**SW846 8260B**
Chloroform	**0.400**	**0.379**	**mg/L**	**95**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.408**	**mg/L**	**102**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.342**	**mg/L**	**85**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.491**	**mg/L**	**123**	**SW846 8260B**
Trichloroethene	**0.400**	**0.359**	**mg/L**	**90**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.332**	**mg/L**	**83**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	104	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	89	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9L9T1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-286
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309286 **Analysis Time..:** 13:38
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**85**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**85**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**87**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**107**	**(78 - 118)**	**SW846 8260B**
Chloroform	**95**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**98**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**83**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**126**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**92**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**91**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	105	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9L9T1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-286
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309286 **Analysis Time..:** 13:38
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.338**	**mg/L**	**85**	**SW846 8260B**
2-Butanone	**0.400**	**0.340**	**mg/L**	**85**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.347**	**mg/L**	**87**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.428**	**mg/L**	**107**	**SW846 8260B**
Chloroform	**0.400**	**0.381**	**mg/L**	**95**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.390**	**mg/L**	**98**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.331**	**mg/L**	**83**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.506**	**mg/L**	**126**	**SW846 8260B**
Trichloroethene	**0.400**	**0.366**	**mg/L**	**92**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.362**	**mg/L**	**91**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	105	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9RAA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-350 L9RAA1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0313350 **Analysis Time..:** 09:39
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**104**	**(77 - 120)**			**SW846 8260B**
	101	**(77 - 120)**	**3.1**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**98**	**(79 - 120)**			**SW846 8260B**
	97	**(79 - 120)**	**1.1**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**101**	**(59 - 129)**			**SW846 8260B**
	98	**(59 - 129)**	**2.5**	**(0-25)**	**SW846 8260B**
Trichloroethene	**101**	**(76 - 119)**			**SW846 8260B**
	99	**(76 - 119)**	**1.6**	**(0-21)**	**SW846 8260B**
Toluene	**101**	**(78 - 124)**			**SW846 8260B**
	99	**(78 - 124)**	**1.7**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(52 - 124)
	98	(52 - 124)
Toluene-d8	96	(72 - 127)
	98	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
	99	(63 - 120)
Dibromofluoromethane	99	(68 - 121)
	101	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9RAA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-350 L9RAA1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0313350 **Analysis Time..:** 09:39
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**2000**	**2090**	**ug/kg**	**104**		**SW846 8260B**
	2000	**2020**	**ug/kg**	**101**	**3.1**	**SW846 8260B**
Chlorobenzene	**2000**	**1960**	**ug/kg**	**98**		**SW846 8260B**
	2000	**1940**	**ug/kg**	**97**	**1.1**	**SW846 8260B**
1,1-Dichloroethene	**2000**	**2010**	**ug/kg**	**101**		**SW846 8260B**
	2000	**1960**	**ug/kg**	**98**	**2.5**	**SW846 8260B**
Trichloroethene	**2000**	**2020**	**ug/kg**	**101**		**SW846 8260B**
	2000	**1990**	**ug/kg**	**99**	**1.6**	**SW846 8260B**
Toluene	**2000**	**2010**	**ug/kg**	**101**		**SW846 8260B**
	2000	**1980**	**ug/kg**	**99**	**1.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(52 - 124)
	98	(52 - 124)
Toluene-d8	96	(72 - 127)
	98	(72 - 127)
4-Bromofluorobenzene	97	(63 - 120)
	99	(63 - 120)
Dibromofluoromethane	99	(68 - 121)
	101	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9AHM1CJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J290458-001 L9AHM1CK-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 11:23
Dilution Factor: 4

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**86**	**(76 - 120)**			**SW846 8260B**
	81	**(76 - 120)**	**5.8**	**(0-20)**	**SW846 8260B**
2-Butanone	**131**	**(10 - 150)**			**SW846 8260B**
	114	**(10 - 150)**	**13**	**(0-34)**	**SW846 8260B**
Carbon tetrachloride	**92**	**(67 - 136)**			**SW846 8260B**
	87	**(67 - 136)**	**5.4**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**109**	**(78 - 118)**			**SW846 8260B**
	102	**(78 - 118)**	**6.2**	**(0-20)**	**SW846 8260B**
Chloroform	**95**	**(72 - 124)**			**SW846 8260B**
	90	**(72 - 124)**	**5.2**	**(0-20)**	**SW846 8260B**
1,2-Dichloroethane	**103**	**(67 - 132)**			**SW846 8260B**
	97	**(67 - 132)**	**6.0**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**87**	**(65 - 130)**			**SW846 8260B**
	83	**(65 - 130)**	**4.8**	**(0-20)**	**SW846 8260B**
Tetrachloroethene	**126**	**(70 - 130)**			**SW846 8260B**
	118	**(70 - 130)**	**6.0**	**(0-20)**	**SW846 8260B**
Trichloroethene	**91**	**(70 - 130)**			**SW846 8260B**
	87	**(70 - 130)**	**4.2**	**(0-20)**	**SW846 8260B**
Vinyl chloride	**87**	**(51 - 133)**			**SW846 8260B**
	80	**(51 - 133)**	**9.0**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
	96	(64 - 124)
Toluene-d8	107	(80 - 120)
	109	(80 - 120)
4-Bromofluorobenzene	106	(75 - 120)
	107	(75 - 120)
Dibromofluoromethane	91	(80 - 120)
	93	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0J290458 **Work Order #...:** L9AHM1CJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J290458-001 L9AHM1CK-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308129
Leach Date.....: 11/01/10 **Prep Date.....:** 11/04/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030508 **Prep Batch #...:** 0308237 **Analysis Time..:** 11:23
Dilution Factor: 4

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**1.60**	**1.37**	**mg/L**	**86**		**SW846 8260B**
	ND	**1.60**	**1.29**	**mg/L**	**81**	**5.8**	**SW846 8260B**
2-Butanone	**ND**	**1.60**	**2.09**	**mg/L**	**131**		**SW846 8260B**
	ND	**1.60**	**1.83**	**mg/L**	**114**	**13**	**SW846 8260B**
Carbon tetrachloride	**ND**	**1.60**	**1.47**	**mg/L**	**92**		**SW846 8260B**
	ND	**1.60**	**1.39**	**mg/L**	**87**	**5.4**	**SW846 8260B**
Chlorobenzene	**ND**	**1.60**	**1.74**	**mg/L**	**109**		**SW846 8260B**
	ND	**1.60**	**1.64**	**mg/L**	**102**	**6.2**	**SW846 8260B**
Chloroform	**ND**	**1.60**	**1.52**	**mg/L**	**95**		**SW846 8260B**
	ND	**1.60**	**1.45**	**mg/L**	**90**	**5.2**	**SW846 8260B**
1,2-Dichloroethane	**ND**	**1.60**	**1.64**	**mg/L**	**103**		**SW846 8260B**
	ND	**1.60**	**1.55**	**mg/L**	**97**	**6.0**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**1.60**	**1.39**	**mg/L**	**87**		**SW846 8260B**
	ND	**1.60**	**1.33**	**mg/L**	**83**	**4.8**	**SW846 8260B**
Tetrachloroethene	**ND**	**1.60**	**2.01**	**mg/L**	**126**		**SW846 8260B**
	ND	**1.60**	**1.89**	**mg/L**	**118**	**6.0**	**SW846 8260B**
Trichloroethene	**ND**	**1.60**	**1.46**	**mg/L**	**91**		**SW846 8260B**
	ND	**1.60**	**1.40**	**mg/L**	**87**	**4.2**	**SW846 8260B**
Vinyl chloride	**ND**	**1.60**	**1.39**	**mg/L**	**87**		**SW846 8260B**
	ND	**1.60**	**1.27**	**mg/L**	**80**	**9.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
	96	(64 - 124)
Toluene-d8	107	(80 - 120)
	109	(80 - 120)
4-Bromofluorobenzene	106	(75 - 120)
	107	(75 - 120)
Dibromofluoromethane	91	(80 - 120)
	93	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-5-102710

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-001 **Work Order #...:** L9AHM1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307398 **Analysis Time..:** 10:44
Dilution Factor: 1
% Moisture.....: 34 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(39 - 115)
2-Fluorobiphenyl	94	(35 - 115)
Terphenyl-d14	126	(30 - 143)
2-Fluorophenol	111 *	(20 - 110)
Phenol-d5	100	(30 - 118)
2,4,6-Tribromophenol	115	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-6-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-002 **Work Order #...:** L9AHN1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307398 **Analysis Time..:** 11:04
Dilution Factor: 1
% Moisture.....: 35 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(39 - 115)
2-Fluorobiphenyl	93	(35 - 115)
Terphenyl-d14	120	(30 - 143)
2-Fluorophenol	103	(20 - 110)
Phenol-d5	93	(30 - 118)
2,4,6-Tribromophenol	111	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-7-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-003	**Work Order #...:** L9AHP1AE	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:**
Leach Date.....: 11/03/10	**Prep Date.....:** 11/03/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030609	**Prep Batch #...:** 0307398	**Analysis Time..:** 11:23
Dilution Factor: 1		
% Moisture.....: 34	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(39 - 115)
2-Fluorobiphenyl	99	(35 - 115)
Terphenyl-d14	135	(30 - 143)
2-Fluorophenol	122 *	(20 - 110)
Phenol-d5	112	(30 - 118)
2,4,6-Tribromophenol	125	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-8-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-004 **Work Order #...:** L9AHQ1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307398 **Analysis Time..:** 11:43
Dilution Factor: 1
% Moisture.....: 29 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
Terphenyl-d14	124	(30 - 143)
2-Fluorophenol	111 *	(20 - 110)
Phenol-d5	101	(30 - 118)
2,4,6-Tribromophenol	110	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-9-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-005 **Work Order #...:** L9AHR1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307398 **Analysis Time..:** 12:02
Dilution Factor: 1
% Moisture.....: 69 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	98	(39 - 115)
2-Fluorobiphenyl	100	(35 - 115)
Terphenyl-d14	129	(30 - 143)
2-Fluorophenol	117 *	(20 - 110)
Phenol-d5	106	(30 - 118)
2,4,6-Tribromophenol	119	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-10-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-006 **Work Order #...:** L9AHV1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307398 **Analysis Time..:** 12:22
Dilution Factor: 1
% Moisture.....: 36 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	93	(39 - 115)
2-Fluorobiphenyl	93	(35 - 115)
Terphenyl-d14	125	(30 - 143)
2-Fluorophenol	109	(20 - 110)
Phenol-d5	98	(30 - 118)
2,4,6-Tribromophenol	113	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-11-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-007 **Work Order #...:** L9AHW1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307398 **Analysis Time..:** 12:42
Dilution Factor: 1
% Moisture.....: 50 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
Terphenyl-d14	125	(30 - 143)
2-Fluorophenol	113 *	(20 - 110)
Phenol-d5	103	(30 - 118)
2,4,6-Tribromophenol	114	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-12-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-008 **Work Order #...:** L9AHX1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307398 **Analysis Time..:** 13:02
Dilution Factor: 1
% Moisture.....: 74 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(39 - 115)
2-Fluorobiphenyl	90	(35 - 115)
Terphenyl-d14	125	(30 - 143)
2-Fluorophenol	109	(20 - 110)
Phenol-d5	99	(30 - 118)
2,4,6-Tribromophenol	114	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-13-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-009 **Work Order #...:** L9AH01AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307398 **Analysis Time..:** 13:22
Dilution Factor: 1
% Moisture.....: 58 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	93	(39 - 115)
2-Fluorobiphenyl	96	(35 - 115)
Terphenyl-d14	114	(30 - 143)
2-Fluorophenol	110	(20 - 110)
Phenol-d5	96	(30 - 118)
2,4,6-Tribromophenol	109	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-14-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-010	**Work Order #...:** L9AH31AE	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:**
Leach Date.....: 11/03/10	**Prep Date.....:** 11/03/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030609	**Prep Batch #...:** 0307398	**Analysis Time..:** 13:42
Dilution Factor: 1		
% Moisture.....: 23	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	**0.0097 J**	**0.050**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
Terphenyl-d14	128	(30 - 143)
2-Fluorophenol	110	(20 - 110)
Phenol-d5	99	(30 - 118)
2,4,6-Tribromophenol	112	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-15-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-011 **Work Order #...:** L9AH41AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 14:02
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(39 - 115)
2-Fluorobiphenyl	99	(35 - 115)
Terphenyl-d14	134	(30 - 143)
2-Fluorophenol	120 *	(20 - 110)
Phenol-d5	108	(30 - 118)
2,4,6-Tribromophenol	122	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-16-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-012 **Work Order #...:** L9AH51AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 14:21
Dilution Factor: 1
% Moisture.....: 37 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(39 - 115)
2-Fluorobiphenyl	97	(35 - 115)
Terphenyl-d14	119	(30 - 143)
2-Fluorophenol	112 *	(20 - 110)
Phenol-d5	99	(30 - 118)
2,4,6-Tribromophenol	115	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-17-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-013 **Work Order #...:** L9AH61AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 14:41
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(39 - 115)
2-Fluorobiphenyl	93	(35 - 115)
Terphenyl-d14	123	(30 - 143)
2-Fluorophenol	110	(20 - 110)
Phenol-d5	98	(30 - 118)
2,4,6-Tribromophenol	110	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-18-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-014 **Work Order #...:** L9AH71AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 15:01
Dilution Factor: 1
% Moisture.....: 30 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(39 - 115)
2-Fluorobiphenyl	99	(35 - 115)
Terphenyl-d14	127	(30 - 143)
2-Fluorophenol	115 *	(20 - 110)
Phenol-d5	101	(30 - 118)
2,4,6-Tribromophenol	117	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-19-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-015 **Work Order #...:** L9AH81AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 15:21
Dilution Factor: 1
% Moisture.....: 57 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	**0.015 J**	**0.050**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	99	(39 - 115)
2-Fluorobiphenyl	101	(35 - 115)
Terphenyl-d14	133	(30 - 143)
2-Fluorophenol	116 *	(20 - 110)
Phenol-d5	105	(30 - 118)
2,4,6-Tribromophenol	121	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-20-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-016 **Work Order #...:** L9AH91AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 15:41
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(39 - 115)
2-Fluorobiphenyl	94	(35 - 115)
Terphenyl-d14	120	(30 - 143)
2-Fluorophenol	112 *	(20 - 110)
Phenol-d5	101	(30 - 118)
2,4,6-Tribromophenol	113	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-21-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-017	**Work Order #...:** L9AJA1AE	**Matrix.....:** SOLID
Date Sampled...: 10/28/10	**Date Received..:** 10/29/10	**MS Run #.....:**
Leach Date.....: 11/03/10	**Prep Date.....:** 11/03/10	**Analysis Date..:** 11/04/10
Leach Batch #..: P030610	**Prep Batch #...:** 0307398	**Analysis Time..:** 16:01
Dilution Factor: 1		
% Moisture.....: 43	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	96	(39 - 115)
2-Fluorobiphenyl	102	(35 - 115)
Terphenyl-d14	132	(30 - 143)
2-Fluorophenol	116 *	(20 - 110)
Phenol-d5	104	(30 - 118)
2,4,6-Tribromophenol	118	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-22-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-018 **Work Order #...:** L9AJC1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 16:21
Dilution Factor: 1
% Moisture.....: 38 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
Terphenyl-d14	130	(30 - 143)
2-Fluorophenol	114 *	(20 - 110)
Phenol-d5	103	(30 - 118)
2,4,6-Tribromophenol	111	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-23-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-019 **Work Order #...:** L9AJD1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 16:41
Dilution Factor: 1
% Moisture.....: 35 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(39 - 115)
2-Fluorobiphenyl	93	(35 - 115)
Terphenyl-d14	119	(30 - 143)
2-Fluorophenol	109	(20 - 110)
Phenol-d5	96	(30 - 118)
2,4,6-Tribromophenol	110	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-24-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-020 **Work Order #...:** L9AJE1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307398 **Analysis Time..:** 17:01
Dilution Factor: 1
% Moisture.....: 30 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(39 - 115)
2-Fluorobiphenyl	96	(35 - 115)
Terphenyl-d14	124	(30 - 143)
2-Fluorophenol	110	(20 - 110)
Phenol-d5	96	(30 - 118)
2,4,6-Tribromophenol	112	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-25-102810

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0J290458-021 **Work Order #...:** L9AJF1AE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307397 **Analysis Time..:** 18:21
Dilution Factor: 1
% Moisture.....: 70 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	**0.021 J**	**0.050**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(39 - 115)
2-Fluorobiphenyl	96	(35 - 115)
Terphenyl-d14	129	(30 - 143)
2-Fluorophenol	113 *	(20 - 110)
Phenol-d5	101	(30 - 118)
2,4,6-Tribromophenol	112	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HH51AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K030000-397

Prep Date.....: 11/03/10 **Analysis Time..:** 17:21
Analysis Date..: 11/04/10 **Prep Batch #...:** 0307397
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(39 - 115)
2-Fluorobiphenyl	89	(35 - 115)
Terphenyl-d14	116	(30 - 143)
2-Fluorophenol	107	(20 - 110)
Phenol-d5	95	(30 - 118)
2,4,6-Tribromophenol	104	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HJA1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K030000-398

Prep Date.....: 11/03/10 **Analysis Time..:** 09:26
Analysis Date..: 11/04/10 **Prep Batch #...:** 0307398
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	99	(39 - 115)
2-Fluorobiphenyl	100	(35 - 115)
Terphenyl-d14	122	(30 - 143)
2-Fluorophenol	118 *	(20 - 110)
Phenol-d5	106	(30 - 118)
2,4,6-Tribromophenol	117	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HH51AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-397 L9HH51AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0307397 **Analysis Time..:** 17:41
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	**84**	**(37 - 115)**			**SW846 8270C**
	89	**(37 - 115)**	**6.4**	**(0-35)**	**SW846 8270C**
2,4-Dinitrotoluene	**75**	**(40 - 115)**			**SW846 8270C**
	81	**(40 - 115)**	**7.5**	**(0-42)**	**SW846 8270C**
Hexachlorobenzene	**89**	**(45 - 115)**			**SW846 8270C**
	97	**(45 - 115)**	**9.0**	**(0-22)**	**SW846 8270C**
Hexachlorobutadiene	**82**	**(42 - 115)**			**SW846 8270C**
	91	**(42 - 115)**	**11**	**(0-28)**	**SW846 8270C**
Hexachloroethane	**85**	**(25 - 106)**			**SW846 8270C**
	93	**(25 - 106)**	**9.1**	**(0-38)**	**SW846 8270C**
Nitrobenzene	**83**	**(40 - 115)**			**SW846 8270C**
	93	**(40 - 115)**	**11**	**(0-26)**	**SW846 8270C**
Pentachlorophenol	**64**	**(16 - 140)**			**SW846 8270C**
	63	**(16 - 140)**	**1.1**	**(0-40)**	**SW846 8270C**
Pyridine	**66**	**(22 - 105)**			**SW846 8270C**
	72	**(22 - 105)**	**8.1**	**(0-40)**	**SW846 8270C**
2,4,5-Trichloro-phenol	**80**	**(35 - 115)**			**SW846 8270C**
	84	**(35 - 115)**	**5.0**	**(0-40)**	**SW846 8270C**
2,4,6-Trichloro-phenol	**83**	**(40 - 115)**			**SW846 8270C**
	90	**(40 - 115)**	**8.8**	**(0-37)**	**SW846 8270C**
Cresols (total)	**89**	**(29 - 144)**			**SW846 8270C**
	95	**(29 - 144)**	**7.2**	**(0-33)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(39 - 115)
	92	(39 - 115)
2-Fluorobiphenyl	83	(35 - 115)
	90	(35 - 115)
Terphenyl-d14	105	(30 - 143)
	116	(30 - 143)
2-Fluorophenol	100	(20 - 110)
	108	(20 - 110)
Phenol-d5	88	(30 - 118)
	93	(30 - 118)
2,4,6-Tribromophenol	106	(19 - 138)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HH51AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-397 L9HH51AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	108	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HH51AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-397 L9HH51AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0307397 **Analysis Time..:** 17:41
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	**0.250**	**0.210**	**mg/L**	**84**		**SW846 8270C**
	0.250	**0.223**	**mg/L**	**89**	**6.4**	**SW846 8270C**
2,4-Dinitrotoluene	**0.250**	**0.187**	**mg/L**	**75**		**SW846 8270C**
	0.250	**0.202**	**mg/L**	**81**	**7.5**	**SW846 8270C**
Hexachlorobenzene	**0.250**	**0.222**	**mg/L**	**89**		**SW846 8270C**
	0.250	**0.243**	**mg/L**	**97**	**9.0**	**SW846 8270C**
Hexachlorobutadiene	**0.250**	**0.205**	**mg/L**	**82**		**SW846 8270C**
	0.250	**0.228**	**mg/L**	**91**	**11**	**SW846 8270C**
Hexachloroethane	**0.250**	**0.213**	**mg/L**	**85**		**SW846 8270C**
	0.250	**0.233**	**mg/L**	**93**	**9.1**	**SW846 8270C**
Nitrobenzene	**0.250**	**0.209**	**mg/L**	**83**		**SW846 8270C**
	0.250	**0.233**	**mg/L**	**93**	**11**	**SW846 8270C**
Pentachlorophenol	**0.250**	**0.159**	**mg/L**	**64**		**SW846 8270C**
	0.250	**0.157**	**mg/L**	**63**	**1.1**	**SW846 8270C**
Pyridine	**0.250**	**0.166**	**mg/L**	**66**		**SW846 8270C**
	0.250	**0.180**	**mg/L**	**72**	**8.1**	**SW846 8270C**
2,4,5-Trichloro-phenol	**0.250**	**0.200**	**mg/L**	**80**		**SW846 8270C**
	0.250	**0.210**	**mg/L**	**84**	**5.0**	**SW846 8270C**
2,4,6-Trichloro-phenol	**0.250**	**0.207**	**mg/L**	**83**		**SW846 8270C**
	0.250	**0.226**	**mg/L**	**90**	**8.8**	**SW846 8270C**
Cresols (total)	**0.750**	**0.665**	**mg/L**	**89**		**SW846 8270C**
	0.750	**0.715**	**mg/L**	**95**	**7.2**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(39 - 115)
	92	(39 - 115)
2-Fluorobiphenyl	83	(35 - 115)
	90	(35 - 115)
Terphenyl-d14	105	(30 - 143)
	116	(30 - 143)
2-Fluorophenol	100	(20 - 110)
	108	(20 - 110)
Phenol-d5	88	(30 - 118)
	93	(30 - 118)
2,4,6-Tribromophenol	106	(19 - 138)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HH51AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-397 L9HH51AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	108	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HJA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-398 L9HJA1AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0307398 **Analysis Time..:** 09:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	**102**	**(37 - 115)**			**SW846 8270C**
	96	**(37 - 115)**	**5.5**	**(0-35)**	**SW846 8270C**
2,4-Dinitrotoluene	**93**	**(40 - 115)**			**SW846 8270C**
	84	**(40 - 115)**	**9.3**	**(0-42)**	**SW846 8270C**
Hexachlorobenzene	**108**	**(45 - 115)**			**SW846 8270C**
	103	**(45 - 115)**	**4.7**	**(0-22)**	**SW846 8270C**
Hexachlorobutadiene	**99**	**(42 - 115)**			**SW846 8270C**
	97	**(42 - 115)**	**2.2**	**(0-28)**	**SW846 8270C**
Hexachloroethane	**103**	**(25 - 106)**			**SW846 8270C**
	99	**(25 - 106)**	**4.3**	**(0-38)**	**SW846 8270C**
Nitrobenzene	**101**	**(40 - 115)**			**SW846 8270C**
	101	**(40 - 115)**	**0.48**	**(0-26)**	**SW846 8270C**
Pentachlorophenol	**67**	**(16 - 140)**			**SW846 8270C**
	61	**(16 - 140)**	**11**	**(0-40)**	**SW846 8270C**
Pyridine	**70**	**(22 - 105)**			**SW846 8270C**
	68	**(22 - 105)**	**3.9**	**(0-40)**	**SW846 8270C**
2,4,5-Trichloro-phenol	**99**	**(35 - 115)**			**SW846 8270C**
	93	**(35 - 115)**	**5.5**	**(0-40)**	**SW846 8270C**
2,4,6-Trichloro-phenol	**101**	**(40 - 115)**			**SW846 8270C**
	97	**(40 - 115)**	**4.6**	**(0-37)**	**SW846 8270C**
Cresols (total)	**111**	**(29 - 144)**			**SW846 8270C**
	105	**(29 - 144)**	**6.0**	**(0-33)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	102	(39 - 115)
	99	(39 - 115)
2-Fluorobiphenyl	104	(35 - 115)
	98	(35 - 115)
Terphenyl-d14	126	(30 - 143)
	122	(30 - 143)
2-Fluorophenol	125 *	(20 - 110)
	113 *	(20 - 110)
Phenol-d5	111	(30 - 118)
	103	(30 - 118)
2,4,6-Tribromophenol	126	(19 - 138)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HJA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-398 L9HJA1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	119	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HJA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-398 L9HJA1AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0307398 **Analysis Time..:** 09:45
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	**0.250**	**0.254**	**mg/L**	**102**		**SW846 8270C**
	0.250	**0.241**	**mg/L**	**96**	**5.5**	**SW846 8270C**
2,4-Dinitrotoluene	**0.250**	**0.231**	**mg/L**	**93**		**SW846 8270C**
	0.250	**0.211**	**mg/L**	**84**	**9.3**	**SW846 8270C**
Hexachlorobenzene	**0.250**	**0.269**	**mg/L**	**108**		**SW846 8270C**
	0.250	**0.256**	**mg/L**	**103**	**4.7**	**SW846 8270C**
Hexachlorobutadiene	**0.250**	**0.248**	**mg/L**	**99**		**SW846 8270C**
	0.250	**0.243**	**mg/L**	**97**	**2.2**	**SW846 8270C**
Hexachloroethane	**0.250**	**0.258**	**mg/L**	**103**		**SW846 8270C**
	0.250	**0.247**	**mg/L**	**99**	**4.3**	**SW846 8270C**
Nitrobenzene	**0.250**	**0.253**	**mg/L**	**101**		**SW846 8270C**
	0.250	**0.252**	**mg/L**	**101**	**0.48**	**SW846 8270C**
Pentachlorophenol	**0.250**	**0.169**	**mg/L**	**67**		**SW846 8270C**
	0.250	**0.152**	**mg/L**	**61**	**11**	**SW846 8270C**
Pyridine	**0.250**	**0.176**	**mg/L**	**70**		**SW846 8270C**
	0.250	**0.169**	**mg/L**	**68**	**3.9**	**SW846 8270C**
2,4,5-Trichloro-phenol	**0.250**	**0.247**	**mg/L**	**99**		**SW846 8270C**
	0.250	**0.234**	**mg/L**	**93**	**5.5**	**SW846 8270C**
2,4,6-Trichloro-phenol	**0.250**	**0.254**	**mg/L**	**101**		**SW846 8270C**
	0.250	**0.242**	**mg/L**	**97**	**4.6**	**SW846 8270C**
Cresols (total)	**0.750**	**0.835**	**mg/L**	**111**		**SW846 8270C**
	0.750	**0.786**	**mg/L**	**105**	**6.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	102	(39 - 115)
	99	(39 - 115)
2-Fluorobiphenyl	104	(35 - 115)
	98	(35 - 115)
Terphenyl-d14	126	(30 - 143)
	122	(30 - 143)
2-Fluorophenol	125 *	(20 - 110)
	113 *	(20 - 110)
Phenol-d5	111	(30 - 118)
	103	(30 - 118)
2,4,6-Tribromophenol	126	(19 - 138)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HJA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-398 L9HJA1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	119	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-5-102710

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-001 **Work Order #...:** L9AHM1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 15:06
Dilution Factor: 1
% Moisture.....: 34 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	117	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-6-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-002 **Work Order #...:** L9AHN1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 15:36
Dilution Factor: 1
% Moisture.....: 35 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	116	(45 - 140)
Tetrachloro-m-xylene	101	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-7-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-003 **Work Order #...:** L9AHP1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 16:07
Dilution Factor: 1
% Moisture.....: 34 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	109	(45 - 140)
Tetrachloro-m-xylene	95	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-8-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-004 **Work Order #...:** L9AHQ1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 16:38
Dilution Factor: 1
% Moisture.....: 29 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	115	(45 - 140)
Tetrachloro-m-xylene	98	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-9-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-005 **Work Order #...:** L9AHR1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 17:09
Dilution Factor: 1
% Moisture.....: 69 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	119	(45 - 140)
Tetrachloro-m-xylene	106	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-10-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-006 **Work Order #...:** L9AHV1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 17:40
Dilution Factor: 1
% Moisture.....: 36 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	111	(45 - 140)
Tetrachloro-m-xylene	95	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-11-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-007 **Work Order #...:** L9AHW1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 18:10
Dilution Factor: 1
% Moisture.....: 50 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	118	(45 - 140)
Tetrachloro-m-xylene	103	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-12-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-008 **Work Order #...:** L9AHX1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 18:41
Dilution Factor: 1
% Moisture.....: 74 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	111	(45 - 140)
Tetrachloro-m-xylene	94	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-13-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-009 **Work Order #...:** L9AH01AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 19:12
Dilution Factor: 1
% Moisture.....: 58 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	119	(45 - 140)
Tetrachloro-m-xylene	98	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-14-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-010 **Work Order #...:** L9AH31AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030609 **Prep Batch #...:** 0307374 **Analysis Time..:** 19:43
Dilution Factor: 1
% Moisture.....: 23 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	120	(45 - 140)
Tetrachloro-m-xylene	106	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-15-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-011 **Work Order #...:** L9AH41AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 20:13
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	114	(45 - 140)
Tetrachloro-m-xylene	96	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-16-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-012 **Work Order #...:** L9AH51AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 20:44
Dilution Factor: 1
% Moisture.....: 37 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	118	(45 - 140)
Tetrachloro-m-xylene	101	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-17-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-013 **Work Order #...:** L9AH61AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 21:15
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	117	(45 - 140)
Tetrachloro-m-xylene	101	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-18-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-014 **Work Order #...:** L9AH71AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 21:46
Dilution Factor: 1
% Moisture.....: 30 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	120	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-19-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-015 **Work Order #...:** L9AH81AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 22:16
Dilution Factor: 1
% Moisture.....: 57 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	108	(45 - 140)
Tetrachloro-m-xylene	94	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-20-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-016 **Work Order #...:** L9AH91AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 22:47
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	115	(45 - 140)
Tetrachloro-m-xylene	99	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-21-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-017 **Work Order #...:** L9AJA1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/04/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 23:18
Dilution Factor: 1
% Moisture.....: 43 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	118	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-22-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-018 **Work Order #...:** L9AJC1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 02:22
Dilution Factor: 1
% Moisture.....: 38 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	110	(45 - 140)
Tetrachloro-m-xylene	95	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-23-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-019 **Work Order #...:** L9AJD1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 02:53
Dilution Factor: 1
% Moisture.....: 35 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	116	(45 - 140)
Tetrachloro-m-xylene	99	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-24-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-020 **Work Order #...:** L9AJE1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307374 **Analysis Time..:** 03:24
Dilution Factor: 1
% Moisture.....: 30 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	121	(45 - 140)
Tetrachloro-m-xylene	105	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-25-102810

TCLP GC Semivolatiles

Lot-Sample #...: C0J290458-021 **Work Order #...:** L9AJF1AW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:**
Leach Date.....: 11/03/10 **Prep Date.....:** 11/03/10 **Analysis Date..:** 11/05/10
Leach Batch #..: P030610 **Prep Batch #...:** 0307375 **Analysis Time..:** 03:55
Dilution Factor: 1
% Moisture.....: 70 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	121	(45 - 140)
Tetrachloro-m-xylene	108	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HCK1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K030000-374
Prep Date.....: 11/03/10 **Analysis Time..:** 23:49
Analysis Date..: 11/04/10 **Prep Batch #...:** 0307374
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	106	(45 - 140)
Tetrachloro-m-xylene	93	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HC31AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K030000-375
Prep Date.....: 11/03/10 **Analysis Time..:** 06:59
Analysis Date..: 11/05/10 **Prep Batch #...:** 0307375
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	117	(45 - 140)
Tetrachloro-m-xylene	100	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HC31AE **Matrix.....:** SOLID
MB Lot-Sample #: C0K030000-375
Prep Date.....: 11/03/10 **Analysis Time..:** 07:30
Analysis Date..: 11/05/10 **Prep Batch #...:** 0307375
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	121	(45 - 140)
Tetrachloro-m-xylene	102	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HCK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-374 L9HCK1AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0307374 **Analysis Time..:** 00:19
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Endrin	**123**	**(46 - 137)**			**SW846 8081A**
	126	**(46 - 137)**	**2.6**	**(0-40)**	**SW846 8081A**
Heptachlor	**108**	**(57 - 124)**			**SW846 8081A**
	112	**(57 - 124)**	**3.3**	**(0-32)**	**SW846 8081A**
Heptachlor epoxide	**110**	**(53 - 135)**			**SW846 8081A**
	113	**(53 - 135)**	**3.2**	**(0-31)**	**SW846 8081A**
Lindane	**105**	**(55 - 137)**			**SW846 8081A**
	109	**(55 - 137)**	**4.1**	**(0-22)**	**SW846 8081A**
Methoxychlor	**96**	**(30 - 150)**			**SW846 8081A**
	100	**(30 - 150)**	**4.6**	**(0-29)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	119	(45 - 140)
	121	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)
	107	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HCK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-374 L9HCK1AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0307374 **Analysis Time..:** 00:19
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Endrin	**0.0100**	**0.0123**	**mg/L**	**123**		**SW846 8081A**
	0.0100	**0.0126**	**mg/L**	**126**	**2.6**	**SW846 8081A**
Heptachlor	**0.0100**	**0.0108**	**mg/L**	**108**		**SW846 8081A**
	0.0100	**0.0112**	**mg/L**	**112**	**3.3**	**SW846 8081A**
Heptachlor epoxide	**0.0100**	**0.0110**	**mg/L**	**110**		**SW846 8081A**
	0.0100	**0.0113**	**mg/L**	**113**	**3.2**	**SW846 8081A**
Lindane	**0.0100**	**0.0105**	**mg/L**	**105**		**SW846 8081A**
	0.0100	**0.0109**	**mg/L**	**109**	**4.1**	**SW846 8081A**
Methoxychlor	**0.0100**	**0.00956**	**mg/L**	**96**		**SW846 8081A**
	0.0100	**0.0100**	**mg/L**	**100**	**4.6**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	119	(45 - 140)
	121	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)
	107	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HC31AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-375 L9HC31AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0307375 **Analysis Time..:** 08:01
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Endrin	**116**	**(46 - 137)**			**SW846 8081A**
	125	**(46 - 137)**	**8.0**	**(0-40)**	**SW846 8081A**
Heptachlor	**101**	**(57 - 124)**			**SW846 8081A**
	109	**(57 - 124)**	**7.4**	**(0-32)**	**SW846 8081A**
Heptachlor epoxide	**105**	**(53 - 135)**			**SW846 8081A**
	113	**(53 - 135)**	**7.1**	**(0-31)**	**SW846 8081A**
Lindane	**100**	**(55 - 137)**			**SW846 8081A**
	106	**(55 - 137)**	**6.2**	**(0-22)**	**SW846 8081A**
Methoxychlor	**84**	**(30 - 150)**			**SW846 8081A**
	92	**(30 - 150)**	**9.8**	**(0-29)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	115	(45 - 140)
	122	(45 - 140)
Tetrachloro-m-xylene	98	(45 - 140)
	101	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9HC31AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K030000-375 L9HC31AD-LCSD
Prep Date.....: 11/03/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0307375 **Analysis Time..:** 08:01
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Endrin	**0.0100**	**0.0116**	**mg/L**	**116**		**SW846 8081A**
	0.0100	**0.0125**	**mg/L**	**125**	**8.0**	**SW846 8081A**
Heptachlor	**0.0100**	**0.0101**	**mg/L**	**101**		**SW846 8081A**
	0.0100	**0.0109**	**mg/L**	**109**	**7.4**	**SW846 8081A**
Heptachlor epoxide	**0.0100**	**0.0105**	**mg/L**	**105**		**SW846 8081A**
	0.0100	**0.0113**	**mg/L**	**113**	**7.1**	**SW846 8081A**
Lindane	**0.0100**	**0.00995**	**mg/L**	**100**		**SW846 8081A**
	0.0100	**0.0106**	**mg/L**	**106**	**6.2**	**SW846 8081A**
Methoxychlor	**0.0100**	**0.00838**	**mg/L**	**84**		**SW846 8081A**
	0.0100	**0.00924**	**mg/L**	**92**	**9.8**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	115	(45 - 140)
	122	(45 - 140)
Tetrachloro-m-xylene	98	(45 - 140)
	101	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-5-102710

GC Semivolatiles

Lot-Sample #...: C0J290458-001 **Work Order #...:** L9AHM1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 01:24
Dilution Factor: 0.99
% Moisture.....: 34 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	25	ug/kg
Aroclor 1221	ND	25	ug/kg
Aroclor 1232	ND	25	ug/kg
Aroclor 1242	ND	25	ug/kg
Aroclor 1248	ND	25	ug/kg
Aroclor 1254	ND	25	ug/kg
Aroclor 1260	ND	25	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(35 - 140)
Decachlorobiphenyl	93	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-6-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-002 **Work Order #...:** L9AHN1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 01:53
Dilution Factor: 0.97
% Moisture.....: 35 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	25	ug/kg
Aroclor 1221	ND	25	ug/kg
Aroclor 1232	ND	25	ug/kg
Aroclor 1242	ND	25	ug/kg
Aroclor 1248	ND	25	ug/kg
Aroclor 1254	ND	25	ug/kg
Aroclor 1260	ND	25	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109	(35 - 140)
Decachlorobiphenyl	91	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-7-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-003 **Work Order #...:** L9AHP1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 02:21
Dilution Factor: 0.98
% Moisture.....: 34 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	25	ug/kg
Aroclor 1221	ND	25	ug/kg
Aroclor 1232	ND	25	ug/kg
Aroclor 1242	ND	25	ug/kg
Aroclor 1248	ND	25	ug/kg
Aroclor 1254	ND	25	ug/kg
Aroclor 1260	ND	25	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	105	(35 - 140)
Decachlorobiphenyl	84	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-8-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-004 **Work Order #...:** L9AHQ1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 02:50
Dilution Factor: 1
% Moisture.....: 29 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	24	ug/kg
Aroclor 1221	ND	24	ug/kg
Aroclor 1232	ND	24	ug/kg
Aroclor 1242	ND	24	ug/kg
Aroclor 1248	ND	24	ug/kg
Aroclor 1254	ND	24	ug/kg
Aroclor 1260	ND	24	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	49	(35 - 140)
Decachlorobiphenyl	24 *	(35 - 140)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-9-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-005 **Work Order #...:** L9AHR1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 03:19
Dilution Factor: 0.99
% Moisture.....: 69 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	54	ug/kg
Aroclor 1221	ND	54	ug/kg
Aroclor 1232	ND	54	ug/kg
Aroclor 1242	ND	54	ug/kg
Aroclor 1248	ND	54	ug/kg
Aroclor 1254	**1000**	**54**	**ug/kg**
Aroclor 1260	ND	54	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(35 - 140)
Decachlorobiphenyl	50	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-10-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-006 **Work Order #...:** L9AHV1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 05:44
Dilution Factor: 0.98
% Moisture.....: 36 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	25	ug/kg
Aroclor 1221	ND	25	ug/kg
Aroclor 1232	ND	25	ug/kg
Aroclor 1242	ND	25	ug/kg
Aroclor 1248	ND	25	ug/kg
Aroclor 1254	ND	25	ug/kg
Aroclor 1260	ND	25	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(35 - 140)
Decachlorobiphenyl	63	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-11-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-007 **Work Order #...:** L9AHW1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 07:11
Dilution Factor: 0.97
% Moisture.....: 50 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	33	ug/kg
Aroclor 1221	ND	33	ug/kg
Aroclor 1232	ND	33	ug/kg
Aroclor 1242	ND	33	ug/kg
Aroclor 1248	ND	33	ug/kg
Aroclor 1254	ND	33	ug/kg
Aroclor 1260	ND	33	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(35 - 140)
Decachlorobiphenyl	66	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-12-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-008 **Work Order #...:** L9AHX1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 07:39
Dilution Factor: 0.99
% Moisture.....: 74 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	65	ug/kg
Aroclor 1221	ND	65	ug/kg
Aroclor 1232	ND	65	ug/kg
Aroclor 1242	ND	65	ug/kg
Aroclor 1248	ND	65	ug/kg
Aroclor 1254	ND	65	ug/kg
Aroclor 1260	ND	65	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(35 - 140)
Decachlorobiphenyl	74	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-13-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-009 **Work Order #...:** L9AH01AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 08:08
Dilution Factor: 0.99
% Moisture.....: 58 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	39	ug/kg
Aroclor 1221	ND	39	ug/kg
Aroclor 1232	ND	39	ug/kg
Aroclor 1242	ND	39	ug/kg
Aroclor 1248	ND	39	ug/kg
Aroclor 1254	ND	39	ug/kg
Aroclor 1260	ND	39	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(35 - 140)
Decachlorobiphenyl	68	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-14-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-010 **Work Order #...:** L9AH31AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 08:37
Dilution Factor: 0.98
% Moisture.....: 23 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	21	ug/kg
Aroclor 1221	ND	21	ug/kg
Aroclor 1232	ND	21	ug/kg
Aroclor 1242	ND	21	ug/kg
Aroclor 1248	ND	21	ug/kg
Aroclor 1254	ND	21	ug/kg
Aroclor 1260	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(35 - 140)
Decachlorobiphenyl	29 *	(35 - 140)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-15-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-011 **Work Order #...:** L9AH41AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 09:06
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	22	ug/kg
Aroclor 1221	ND	22	ug/kg
Aroclor 1232	ND	22	ug/kg
Aroclor 1242	ND	22	ug/kg
Aroclor 1248	ND	22	ug/kg
Aroclor 1254	ND	22	ug/kg
Aroclor 1260	ND	22	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(35 - 140)
Decachlorobiphenyl	57	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-16-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-012 **Work Order #...:** L9AH51AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 09:35
Dilution Factor: 0.99
% Moisture.....: 37 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	26	ug/kg
Aroclor 1221	ND	26	ug/kg
Aroclor 1232	ND	26	ug/kg
Aroclor 1242	ND	26	ug/kg
Aroclor 1248	ND	26	ug/kg
Aroclor 1254	ND	26	ug/kg
Aroclor 1260	ND	26	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(35 - 140)
Decachlorobiphenyl	52	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-17-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-013 **Work Order #...:** L9AH61AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 10:03
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(35 - 140)
Decachlorobiphenyl	60	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-18-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-014 **Work Order #...:** L9AH71AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 11:01
Dilution Factor: 0.99
% Moisture.....: 30 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	24	ug/kg
Aroclor 1221	ND	24	ug/kg
Aroclor 1232	ND	24	ug/kg
Aroclor 1242	ND	24	ug/kg
Aroclor 1248	ND	24	ug/kg
Aroclor 1254	ND	24	ug/kg
Aroclor 1260	ND	24	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(35 - 140)
Decachlorobiphenyl	63	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-19-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-015 **Work Order #...:** L9AH81AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 11:29
Dilution Factor: 0.98
% Moisture.....: 57 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	38	ug/kg
Aroclor 1221	ND	38	ug/kg
Aroclor 1232	ND	38	ug/kg
Aroclor 1242	ND	38	ug/kg
Aroclor 1248	ND	38	ug/kg
Aroclor 1254	ND	38	ug/kg
Aroclor 1260	ND	38	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(35 - 140)
Decachlorobiphenyl	61	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-20-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-016 **Work Order #...:** L9AH91AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 11:58
Dilution Factor: 0.99
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(35 - 140)
Decachlorobiphenyl	47	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-21-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-017 **Work Order #...:** L9AJA1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 12:27
Dilution Factor: 1
% Moisture.....: 43 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	29	ug/kg
Aroclor 1221	ND	29	ug/kg
Aroclor 1232	ND	29	ug/kg
Aroclor 1242	ND	29	ug/kg
Aroclor 1248	ND	29	ug/kg
Aroclor 1254	ND	29	ug/kg
Aroclor 1260	ND	29	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(35 - 140)
Decachlorobiphenyl	41	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-22-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-018 **Work Order #...:** L9AJC1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 12:56
Dilution Factor: 0.99
% Moisture.....: 38 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	27	ug/kg
Aroclor 1221	ND	27	ug/kg
Aroclor 1232	ND	27	ug/kg
Aroclor 1242	ND	27	ug/kg
Aroclor 1248	ND	27	ug/kg
Aroclor 1254	ND	27	ug/kg
Aroclor 1260	ND	27	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	61	(35 - 140)
Decachlorobiphenyl	44	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-23-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-019 **Work Order #...:** L9AJD1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 13:25
Dilution Factor: 0.98
% Moisture.....: 35 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	25	ug/kg
Aroclor 1221	ND	25	ug/kg
Aroclor 1232	ND	25	ug/kg
Aroclor 1242	ND	25	ug/kg
Aroclor 1248	ND	25	ug/kg
Aroclor 1254	ND	25	ug/kg
Aroclor 1260	ND	25	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(35 - 140)
Decachlorobiphenyl	53	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-24-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-020 **Work Order #...:** L9AJE1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 15:48
Dilution Factor: 0.99
% Moisture.....: 30 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	24	ug/kg
Aroclor 1221	ND	24	ug/kg
Aroclor 1232	ND	24	ug/kg
Aroclor 1242	ND	24	ug/kg
Aroclor 1248	ND	24	ug/kg
Aroclor 1254	ND	24	ug/kg
Aroclor 1260	ND	24	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(35 - 140)
Decachlorobiphenyl	63	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-25-102810

GC Semivolatiles

Lot-Sample #...: C0J290458-021 **Work Order #...:** L9AJF1AV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306056
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306092 **Analysis Time..:** 16:17
Dilution Factor: 0.98
% Moisture.....: 70 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	54	ug/kg
Aroclor 1221	ND	54	ug/kg
Aroclor 1232	ND	54	ug/kg
Aroclor 1242	ND	54	ug/kg
Aroclor 1248	ND	54	ug/kg
Aroclor 1254	ND	54	ug/kg
Aroclor 1260	ND	54	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(35 - 140)
Decachlorobiphenyl	54	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9EJA1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K020000-085
Prep Date.....: 11/02/10 **Analysis Time..:** 04:17
Analysis Date..: 11/11/10 **Prep Batch #...:** 0306085
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8082
Aroclor 1221	ND	17	ug/kg	SW846 8082
Aroclor 1232	ND	17	ug/kg	SW846 8082
Aroclor 1242	ND	17	ug/kg	SW846 8082
Aroclor 1248	ND	17	ug/kg	SW846 8082
Aroclor 1254	ND	17	ug/kg	SW846 8082
Aroclor 1260	ND	17	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(35 - 140)
Decachlorobiphenyl	81	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9EJF1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K020000-092
Prep Date.....: 11/02/10 **Analysis Time..:** 14:22
Analysis Date..: 11/11/10 **Prep Batch #...:** 0306092
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8082
Aroclor 1221	ND	17	ug/kg	SW846 8082
Aroclor 1232	ND	17	ug/kg	SW846 8082
Aroclor 1242	ND	17	ug/kg	SW846 8082
Aroclor 1248	ND	17	ug/kg	SW846 8082
Aroclor 1254	ND	17	ug/kg	SW846 8082
Aroclor 1260	ND	17	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(35 - 140)
Decachlorobiphenyl	72	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9EJA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K020000-085
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 04:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**81**	**(55 - 130)**	**SW846 8082**
Aroclor 1260	**94**	**(54 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(35 - 140)
Decachlorobiphenyl	82	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9EJA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K020000-085
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 04:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**1330**	**1080**	**ug/kg**	**81**	**SW846 8082**
Aroclor 1260	**1330**	**1250**	**ug/kg**	**94**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(35 - 140)
Decachlorobiphenyl	82	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9EJF1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K020000-092
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306092 **Analysis Time..:** 14:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**77**	**(55 - 130)**	**SW846 8082**
Aroclor 1260	**88**	**(54 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(35 - 140)
Decachlorobiphenyl	76	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9EJF1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K020000-092
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306092 **Analysis Time..:** 14:51
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**1330**	**1020**	**ug/kg**	**77**	**SW846 8082**
Aroclor 1260	**1330**	**1170**	**ug/kg**	**88**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(35 - 140)
Decachlorobiphenyl	76	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9AHV1AX-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J290458-006 L9AHV1A0-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 06:13
Dilution Factor: 0.99 **% Moisture.....:** 36

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**59**	**(55 - 130)**			**SW846 8082**
	65	**(55 - 130)**	**9.7**	**(0-35)**	**SW846 8082**
Aroclor 1260	**69**	**(54 - 130)**			**SW846 8082**
	76	**(54 - 130)**	**9.4**	**(0-29)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70	(35 - 140)
	81	(35 - 140)
Decachlorobiphenyl	55	(35 - 140)
	70	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9AHV1AX-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J290458-006 L9AHV1A0-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306054
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306085 **Analysis Time..:** 06:13
Dilution Factor: 0.99 **% Moisture.....:** 36

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**2050**	**1210**	**ug/kg**	**59**		**SW846 8082**
	ND	**2050**	**1330**	**ug/kg**	**65**	**9.7**	**SW846 8082**
Aroclor 1260	**ND**	**2050**	**1410**	**ug/kg**	**69**		**SW846 8082**
	ND	**2050**	**1550**	**ug/kg**	**76**	**9.4**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	70	(35 - 140)
	81	(35 - 140)
Decachlorobiphenyl	55	(35 - 140)
	70	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9AJF1A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J290458-021 L9AJF1A2-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306056
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306092 **Analysis Time..:** 16:46
Dilution Factor: 0.99 **% Moisture.....:** 70

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**51 a**	**(55 - 130)**			**SW846 8082**
	52 a	**(55 - 130)**	**1.4**	**(0-35)**	**SW846 8082**
Aroclor 1260	**58**	**(54 - 130)**			**SW846 8082**
	60	**(54 - 130)**	**3.0**	**(0-29)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(35 - 140)
	68	(35 - 140)
Decachlorobiphenyl	54	(35 - 140)
	54	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0J290458 **Work Order #...:** L9AJF1A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J290458-021 L9AJF1A2-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0306056
Prep Date.....: 11/02/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0306092 **Analysis Time..:** 16:46
Dilution Factor: 0.99 **% Moisture.....:** 70

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**4380**	**2240**	**ug/kg**	**51 a**		**SW846 8082**
	ND	**4350**	**2270**	**ug/kg**	**52 a**	**1.4**	**SW846 8082**
Aroclor 1260	**ND**	**4380**	**2540**	**ug/kg**	**58**		**SW846 8082**
	ND	**4350**	**2610**	**ug/kg**	**60**	**3.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(35 - 140)
	68	(35 - 140)
Decachlorobiphenyl	54	(35 - 140)
	54	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-5-102710

TCLP Metals

Lot-Sample #...: C0J290458-001 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	**0.014 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHM1AG**
		Dilution Factor: 1		Analysis Time..: 19:45	MS Run #.....: 0308056	
Barium	**0.011 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHM1AH**
		Dilution Factor: 1		Analysis Time..: 19:45	MS Run #.....: 0308056	
Cadmium	**0.00042 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHM1AJ**
		Dilution Factor: 1		Analysis Time..: 19:45	MS Run #.....: 0308056	
Chromium	**0.0011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHM1AK**
		Dilution Factor: 1		Analysis Time..: 19:45	MS Run #.....: 0308056	
Lead	**0.0021 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHM1AL**
		Dilution Factor: 1		Analysis Time..: 19:45	MS Run #.....: 0308056	
Selenium	**0.0067 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHM1AM**
		Dilution Factor: 1		Analysis Time..: 19:45	MS Run #.....: 0308056	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHM1AN
		Dilution Factor: 1		Analysis Time..: 19:45	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AHM1AP
		Dilution Factor: 1		Analysis Time..: 13:36	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-6-102810

TCLP Metals

Lot-Sample #...: C0J290458-002 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHN1AG
		Dilution Factor: 1		Analysis Time..: 20:29	MS Run #.....: 0308056	
Barium	**0.049 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHN1AH**
		Dilution Factor: 1		Analysis Time..: 20:29	MS Run #.....: 0308056	
Cadmium	**0.00054 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHN1AJ**
		Dilution Factor: 1		Analysis Time..: 20:29	MS Run #.....: 0308056	
Chromium	**0.0017 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHN1AK**
		Dilution Factor: 1		Analysis Time..: 20:29	MS Run #.....: 0308056	
Lead	**0.017 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHN1AL**
		Dilution Factor: 1		Analysis Time..: 20:29	MS Run #.....: 0308056	
Selenium	**0.0081 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHN1AM**
		Dilution Factor: 1		Analysis Time..: 20:29	MS Run #.....: 0308056	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHN1AN
		Dilution Factor: 1		Analysis Time..: 20:29	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AHN1AP
		Dilution Factor: 1		Analysis Time..: 13:41	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-7-102810

TCLP Metals

Lot-Sample #...: C0J290458-003 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHP1AG
		Dilution Factor: 1		Analysis Time..: 20:34	MS Run #.....: 0308056	
Barium	**0.012 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHP1AH**
		Dilution Factor: 1		Analysis Time..: 20:34	MS Run #.....: 0308056	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHP1AJ
		Dilution Factor: 1		Analysis Time..: 20:34	MS Run #.....: 0308056	
Chromium	**0.00089 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHP1AK**
		Dilution Factor: 1		Analysis Time..: 20:34	MS Run #.....: 0308056	
Lead	**0.0048 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHP1AL**
		Dilution Factor: 1		Analysis Time..: 20:34	MS Run #.....: 0308056	
Selenium	**0.0070 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHP1AM**
		Dilution Factor: 1		Analysis Time..: 20:34	MS Run #.....: 0308056	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHP1AN
		Dilution Factor: 1		Analysis Time..: 20:34	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AHP1AP
		Dilution Factor: 1		Analysis Time..: 13:43	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-8-102810

TCLP Metals

Lot-Sample #...: C0J290458-004 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHQ1AG
		Dilution Factor: 1		Analysis Time..: 20:40	MS Run #.....: 0308056	
Barium	**0.26 J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHQ1AH**
		Dilution Factor: 1		Analysis Time..: 20:40	MS Run #.....: 0308056	
Cadmium	**0.0020 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHQ1AJ**
		Dilution Factor: 1		Analysis Time..: 20:40	MS Run #.....: 0308056	
Chromium	**0.015 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHQ1AK**
		Dilution Factor: 1		Analysis Time..: 20:40	MS Run #.....: 0308056	
Lead	**0.042 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHQ1AL**
		Dilution Factor: 1		Analysis Time..: 20:40	MS Run #.....: 0308056	
Selenium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHQ1AM
		Dilution Factor: 1		Analysis Time..: 20:40	MS Run #.....: 0308056	
Silver	**0.0011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHQ1AN**
		Dilution Factor: 1		Analysis Time..: 20:40	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AHQ1AP
		Dilution Factor: 1		Analysis Time..: 13:44	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-9-102810

TCLP Metals

Lot-Sample #...: C0J290458-005 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHR1AG
		Dilution Factor: 1		Analysis Time..: 20:45	MS Run #.....: 0308056	
Barium	**0.010 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHR1AH**
		Dilution Factor: 1		Analysis Time..: 20:45	MS Run #.....: 0308056	
Cadmium	**0.00024 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHR1AJ**
		Dilution Factor: 1		Analysis Time..: 20:45	MS Run #.....: 0308056	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHR1AK
		Dilution Factor: 1		Analysis Time..: 20:45	MS Run #.....: 0308056	
Lead	**0.0034 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHR1AL**
		Dilution Factor: 1		Analysis Time..: 20:45	MS Run #.....: 0308056	
Selenium	**0.0063 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHR1AM**
		Dilution Factor: 1		Analysis Time..: 20:45	MS Run #.....: 0308056	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHR1AN
		Dilution Factor: 1		Analysis Time..: 20:45	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AHR1AP
		Dilution Factor: 1		Analysis Time..: 13:46	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-10-102810

TCLP Metals

Lot-Sample #...: C0J290458-006 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHV1AG
		Dilution Factor: 1		Analysis Time..: 20:51	MS Run #.....: 0308056	
Barium	**0.079 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHV1AH**
		Dilution Factor: 1		Analysis Time..: 20:51	MS Run #.....: 0308056	
Cadmium	**0.0011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHV1AJ**
		Dilution Factor: 1		Analysis Time..: 20:51	MS Run #.....: 0308056	
Chromium	**0.0030 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHV1AK**
		Dilution Factor: 1		Analysis Time..: 20:51	MS Run #.....: 0308056	
Lead	**0.0095 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHV1AL**
		Dilution Factor: 1		Analysis Time..: 20:51	MS Run #.....: 0308056	
Selenium	**0.0090 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHV1AM**
		Dilution Factor: 1		Analysis Time..: 20:51	MS Run #.....: 0308056	
Silver	**0.00094 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHV1AN**
		Dilution Factor: 1		Analysis Time..: 20:51	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AHV1AP
		Dilution Factor: 1		Analysis Time..: 13:48	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-11-102810

TCLP Metals

Lot-Sample #...: C0J290458-007 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHW1AG
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 0308056	
Barium	**0.021 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHW1AH**
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 0308056	
Cadmium	**0.00030 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHW1AJ**
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 0308056	
Chromium	**0.0021 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHW1AK**
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 0308056	
Lead	**0.0090 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHW1AL**
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 0308056	
Selenium	**0.0078 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHW1AM**
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 0308056	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHW1AN
		Dilution Factor: 1		Analysis Time..: 20:56	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AHW1AP
		Dilution Factor: 1		Analysis Time..: 13:50	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-12-102810

TCLP Metals

Lot-Sample #...: C0J290458-008 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	**0.0029 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHX1AG**
		Dilution Factor: 1		Analysis Time..: 21:02	MS Run #.....: 0308056	
Barium	**0.015 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHX1AH**
		Dilution Factor: 1		Analysis Time..: 21:02	MS Run #.....: 0308056	
Cadmium	**0.00042 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHX1AJ**
		Dilution Factor: 1		Analysis Time..: 21:02	MS Run #.....: 0308056	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHX1AK
		Dilution Factor: 1		Analysis Time..: 21:02	MS Run #.....: 0308056	
Lead	**0.0059 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHX1AL**
		Dilution Factor: 1		Analysis Time..: 21:02	MS Run #.....: 0308056	
Selenium	**0.0085 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AHX1AM**
		Dilution Factor: 1		Analysis Time..: 21:02	MS Run #.....: 0308056	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AHX1AN
		Dilution Factor: 1		Analysis Time..: 21:02	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AHX1AP
		Dilution Factor: 1		Analysis Time..: 13:55	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-13-102810

TCLP Metals

Lot-Sample #...: C0J290458-009 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	**0.0024 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH01AG**
		Dilution Factor: 1		Analysis Time..: 19:34	MS Run #.....: 0308056	
Barium	**0.0088 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH01AH**
		Dilution Factor: 1		Analysis Time..: 19:34	MS Run #.....: 0308056	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH01AJ
		Dilution Factor: 1		Analysis Time..: 19:34	MS Run #.....: 0308056	
Chromium	**0.0014 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH01AK**
		Dilution Factor: 1		Analysis Time..: 19:34	MS Run #.....: 0308056	
Lead	**0.0037 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH01AL**
		Dilution Factor: 1		Analysis Time..: 19:34	MS Run #.....: 0308056	
Selenium	**0.011 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH01AM**
		Dilution Factor: 1		Analysis Time..: 19:34	MS Run #.....: 0308056	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH01AN
		Dilution Factor: 1		Analysis Time..: 19:34	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AH01AP
		Dilution Factor: 1		Analysis Time..: 13:57	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-14-102810

TCLP Metals

Lot-Sample #...: C0J290458-010 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308093						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH31AG
		Dilution Factor: 1		Analysis Time..: 19:40	MS Run #.....: 0308056	
Barium	**0.083 B,J**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH31AH**
		Dilution Factor: 1		Analysis Time..: 19:40	MS Run #.....: 0308056	
Cadmium	**0.0019 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH31AJ**
		Dilution Factor: 1		Analysis Time..: 19:40	MS Run #.....: 0308056	
Chromium	**0.011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH31AK**
		Dilution Factor: 1		Analysis Time..: 19:40	MS Run #.....: 0308056	
Lead	**0.010 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH31AL**
		Dilution Factor: 1		Analysis Time..: 19:40	MS Run #.....: 0308056	
Selenium	**0.0047 B,J**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH31AM**
		Dilution Factor: 1		Analysis Time..: 19:40	MS Run #.....: 0308056	
Silver	**0.00065 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH31AN**
		Dilution Factor: 1		Analysis Time..: 19:40	MS Run #.....: 0308056	
Prep Batch #...: 0308137						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AH31AP
		Dilution Factor: 1		Analysis Time..: 13:58	MS Run #.....: 0308069	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-15-102810

TCLP Metals

Lot-Sample #...: C0J290458-011 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	**0.0045 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH41AG**
		Dilution Factor: 1		Analysis Time..: 21:40	MS Run #.....: 0308057	
Barium	**0.043 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH41AH**
		Dilution Factor: 1		Analysis Time..: 21:40	MS Run #.....: 0308057	
Cadmium	**0.00062 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH41AJ**
		Dilution Factor: 1		Analysis Time..: 21:40	MS Run #.....: 0308057	
Chromium	**0.0019 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH41AK**
		Dilution Factor: 1		Analysis Time..: 21:40	MS Run #.....: 0308057	
Lead	**0.028 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH41AL**
		Dilution Factor: 1		Analysis Time..: 21:40	MS Run #.....: 0308057	
Selenium	**0.013 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH41AM**
		Dilution Factor: 1		Analysis Time..: 21:40	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH41AN
		Dilution Factor: 1		Analysis Time..: 21:40	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AH41AP
		Dilution Factor: 1		Analysis Time..: 14:07	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-16-102810

TCLP Metals

Lot-Sample #...: C0J290458-012 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH51AG
		Dilution Factor: 1		Analysis Time..: 22:13	MS Run #.....: 0308057	
Barium	**0.019 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH51AH**
		Dilution Factor: 1		Analysis Time..: 22:13	MS Run #.....: 0308057	
Cadmium	**0.00041 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH51AJ**
		Dilution Factor: 1		Analysis Time..: 22:13	MS Run #.....: 0308057	
Chromium	**0.0013 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH51AK**
		Dilution Factor: 1		Analysis Time..: 22:13	MS Run #.....: 0308057	
Lead	**0.0079 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH51AL**
		Dilution Factor: 1		Analysis Time..: 22:13	MS Run #.....: 0308057	
Selenium	**0.0071 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH51AM**
		Dilution Factor: 1		Analysis Time..: 22:13	MS Run #.....: 0308057	
Silver	**0.00074 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH51AN**
		Dilution Factor: 1		Analysis Time..: 22:13	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AH51AP
		Dilution Factor: 1		Analysis Time..: 14:16	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-17-102810

TCLP Metals

Lot-Sample #...: C0J290458-013 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH61AG
		Dilution Factor: 1		Analysis Time..: 22:29	MS Run #.....: 0308057	
Barium	**0.012 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH61AH**
		Dilution Factor: 1		Analysis Time..: 22:29	MS Run #.....: 0308057	
Cadmium	**0.00025 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH61AJ**
		Dilution Factor: 1		Analysis Time..: 22:29	MS Run #.....: 0308057	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH61AK
		Dilution Factor: 1		Analysis Time..: 22:29	MS Run #.....: 0308057	
Lead	**0.0026 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH61AL**
		Dilution Factor: 1		Analysis Time..: 22:29	MS Run #.....: 0308057	
Selenium	**0.0052 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH61AM**
		Dilution Factor: 1		Analysis Time..: 22:29	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH61AN
		Dilution Factor: 1		Analysis Time..: 22:29	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AH61AP
		Dilution Factor: 1		Analysis Time..: 14:18	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-18-102810

TCLP Metals

Lot-Sample #...: C0J290458-014 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	**0.0032 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH71AG**
		Dilution Factor: 1		Analysis Time..: 22:35	MS Run #.....: 0308057	
Barium	**0.012 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH71AH**
		Dilution Factor: 1		Analysis Time..: 22:35	MS Run #.....: 0308057	
Cadmium	**0.00030 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH71AJ**
		Dilution Factor: 1		Analysis Time..: 22:35	MS Run #.....: 0308057	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH71AK
		Dilution Factor: 1		Analysis Time..: 22:35	MS Run #.....: 0308057	
Lead	**0.0047 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH71AL**
		Dilution Factor: 1		Analysis Time..: 22:35	MS Run #.....: 0308057	
Selenium	**0.0072 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH71AM**
		Dilution Factor: 1		Analysis Time..: 22:35	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH71AN
		Dilution Factor: 1		Analysis Time..: 22:35	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AH71AP
		Dilution Factor: 1		Analysis Time..: 14:19	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-19-102810

TCLP Metals

Lot-Sample #...: C0J290458-015 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	**0.0063 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH81AG**
		Dilution Factor: 1		Analysis Time..: 22:40	MS Run #.....: 0308057	
Barium	**0.054 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH81AH**
		Dilution Factor: 1		Analysis Time..: 22:40	MS Run #.....: 0308057	
Cadmium	**0.00052 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH81AJ**
		Dilution Factor: 1		Analysis Time..: 22:40	MS Run #.....: 0308057	
Chromium	**0.0023 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH81AK**
		Dilution Factor: 1		Analysis Time..: 22:40	MS Run #.....: 0308057	
Lead	**0.015 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH81AL**
		Dilution Factor: 1		Analysis Time..: 22:40	MS Run #.....: 0308057	
Selenium	**0.0069 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH81AM**
		Dilution Factor: 1		Analysis Time..: 22:40	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH81AN
		Dilution Factor: 1		Analysis Time..: 22:40	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AH81AP
		Dilution Factor: 1		Analysis Time..: 14:21	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-20-102810

TCLP Metals

Lot-Sample #...: C0J290458-016 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	**0.0023 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH91AG**
		Dilution Factor: 1		Analysis Time..: 22:46	MS Run #.....: 0308057	
Barium	**0.0067 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH91AH**
		Dilution Factor: 1		Analysis Time..: 22:46	MS Run #.....: 0308057	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH91AJ
		Dilution Factor: 1		Analysis Time..: 22:46	MS Run #.....: 0308057	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH91AK
		Dilution Factor: 1		Analysis Time..: 22:46	MS Run #.....: 0308057	
Lead	**0.0020 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH91AL**
		Dilution Factor: 1		Analysis Time..: 22:46	MS Run #.....: 0308057	
Selenium	**0.0083 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AH91AM**
		Dilution Factor: 1		Analysis Time..: 22:46	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AH91AN
		Dilution Factor: 1		Analysis Time..: 22:46	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AH91AP
		Dilution Factor: 1		Analysis Time..: 14:23	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-21-102810

TCLP Metals

Lot-Sample #...: C0J290458-017 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	**0.0058 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJA1AG**
		Dilution Factor: 1		Analysis Time..: 22:51	MS Run #.....: 0308057	
Barium	**0.0092 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJA1AH**
		Dilution Factor: 1		Analysis Time..: 22:51	MS Run #.....: 0308057	
Cadmium	**0.00032 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJA1AJ**
		Dilution Factor: 1		Analysis Time..: 22:51	MS Run #.....: 0308057	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJA1AK
		Dilution Factor: 1		Analysis Time..: 22:51	MS Run #.....: 0308057	
Lead	**0.0041 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJA1AL**
		Dilution Factor: 1		Analysis Time..: 22:51	MS Run #.....: 0308057	
Selenium	**0.0079 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJA1AM**
		Dilution Factor: 1		Analysis Time..: 22:51	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJA1AN
		Dilution Factor: 1		Analysis Time..: 22:51	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AJA1AP
		Dilution Factor: 1		Analysis Time..: 14:25	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-22-102810

TCLP Metals

Lot-Sample #...: C0J290458-018 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJC1AG
		Dilution Factor: 1		Analysis Time..: 22:57	MS Run #.....: 0308057	
Barium	**0.039 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJC1AH**
		Dilution Factor: 1		Analysis Time..: 22:57	MS Run #.....: 0308057	
Cadmium	**0.00095 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJC1AJ**
		Dilution Factor: 1		Analysis Time..: 22:57	MS Run #.....: 0308057	
Chromium	**0.0023 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJC1AK**
		Dilution Factor: 1		Analysis Time..: 22:57	MS Run #.....: 0308057	
Lead	**0.015 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJC1AL**
		Dilution Factor: 1		Analysis Time..: 22:57	MS Run #.....: 0308057	
Selenium	**0.0063 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJC1AM**
		Dilution Factor: 1		Analysis Time..: 22:57	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJC1AN
		Dilution Factor: 1		Analysis Time..: 22:57	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AJC1AP
		Dilution Factor: 1		Analysis Time..: 14:26	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-23-102810

TCLP Metals

Lot-Sample #...: C0J290458-019 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJD1AG
		Dilution Factor: 1		Analysis Time..: 23:02	MS Run #.....: 0308057	
Barium	**0.0057 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJD1AH**
		Dilution Factor: 1		Analysis Time..: 23:02	MS Run #.....: 0308057	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJD1AJ
		Dilution Factor: 1		Analysis Time..: 23:02	MS Run #.....: 0308057	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJD1AK
		Dilution Factor: 1		Analysis Time..: 23:02	MS Run #.....: 0308057	
Lead	**0.0017 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJD1AL**
		Dilution Factor: 1		Analysis Time..: 23:02	MS Run #.....: 0308057	
Selenium	**0.0082 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJD1AM**
		Dilution Factor: 1		Analysis Time..: 23:02	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJD1AN
		Dilution Factor: 1		Analysis Time..: 23:02	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AJD1AP
		Dilution Factor: 1		Analysis Time..: 14:28	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-24-102810

TCLP Metals

Lot-Sample #...: C0J290458-020 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJE1AG
		Dilution Factor: 1		Analysis Time..: 23:08	MS Run #.....: 0308057	
Barium	**0.017 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJE1AH**
		Dilution Factor: 1		Analysis Time..: 23:08	MS Run #.....: 0308057	
Cadmium	**0.00024 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJE1AJ**
		Dilution Factor: 1		Analysis Time..: 23:08	MS Run #.....: 0308057	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJE1AK
		Dilution Factor: 1		Analysis Time..: 23:08	MS Run #.....: 0308057	
Lead	**0.0022 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJE1AL**
		Dilution Factor: 1		Analysis Time..: 23:08	MS Run #.....: 0308057	
Selenium	**0.0072 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJE1AM**
		Dilution Factor: 1		Analysis Time..: 23:08	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJE1AN
		Dilution Factor: 1		Analysis Time..: 23:08	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AJE1AP
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-25-102810

TCLP Metals

Lot-Sample #...: C0J290458-021 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308094						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJF1AG
		Dilution Factor: 1		Analysis Time..: 23:13	MS Run #.....: 0308057	
Barium	**0.0065 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJF1AH**
		Dilution Factor: 1		Analysis Time..: 23:13	MS Run #.....: 0308057	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJF1AJ
		Dilution Factor: 1		Analysis Time..: 23:13	MS Run #.....: 0308057	
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJF1AK
		Dilution Factor: 1		Analysis Time..: 23:13	MS Run #.....: 0308057	
Lead	**0.0016 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJF1AL**
		Dilution Factor: 1		Analysis Time..: 23:13	MS Run #.....: 0308057	
Selenium	**0.010 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9AJF1AM**
		Dilution Factor: 1		Analysis Time..: 23:13	MS Run #.....: 0308057	
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9AJF1AN
		Dilution Factor: 1		Analysis Time..: 23:13	MS Run #.....: 0308057	
Prep Batch #...: 0308142						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9AJF1AP
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 0308072	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K020000-274 **Prep Batch #...:** 0308093						
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FF71AA
		Dilution Factor: 1				
		Analysis Time..: 19:23				
MB Lot-Sample #: C0K020000-274 **Prep Batch #...:** 0308137						
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9FF71AJ
		Dilution Factor: 1				
		Analysis Time..: 13:34				
MB Lot-Sample #: C0K020000-274 **Prep Batch #...:** 0308093						
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609						
Barium	**0.0031 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9FF71AC**
		Dilution Factor: 1				
		Analysis Time..: 19:23				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FF71AD
		Dilution Factor: 1				
		Analysis Time..: 19:23				
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FF71AE
		Dilution Factor: 1				
		Analysis Time..: 19:23				
Lead	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FF71AF
		Dilution Factor: 1				
		Analysis Time..: 19:23				
Selenium	**0.0079 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9FF71AG**
		Dilution Factor: 1				
		Analysis Time..: 19:23				
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FF71AH
		Dilution Factor: 1				
		Analysis Time..: 19:23				

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METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K020000-280 **Prep Batch #...:** 0308094						
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FGK1AC
		Dilution Factor: 1				
		Analysis Time..: 21:29				
MB Lot-Sample #: C0K020000-280 **Prep Batch #...:** 0308142						
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9FGK1AK
		Dilution Factor: 1				
		Analysis Time..: 14:05				
MB Lot-Sample #: C0K020000-280 **Prep Batch #...:** 0308094						
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610						
Barium	**0.00061 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9FGK1AD**
		Dilution Factor: 1				
		Analysis Time..: 21:29				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FGK1AE
		Dilution Factor: 1				
		Analysis Time..: 21:29				
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FGK1AF
		Dilution Factor: 1				
		Analysis Time..: 21:29				
Lead	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FGK1AG
		Dilution Factor: 1				
		Analysis Time..: 21:29				
Selenium	**0.0064 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9FGK1AH**
		Dilution Factor: 1				
		Analysis Time..: 21:29				
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9FGK1AJ
		Dilution Factor: 1				
		Analysis Time..: 21:29				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K040000-093 **Prep Batch #...:** 0308093						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H131AA
		Dilution Factor: 1				
		Analysis Time..: 19:18				
Barium	**0.0016 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9H131AC**
		Dilution Factor: 1				
		Analysis Time..: 19:18				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H131AD
		Dilution Factor: 1				
		Analysis Time..: 19:18				
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H131AE
		Dilution Factor: 1				
		Analysis Time..: 19:18				
Lead	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H131AF
		Dilution Factor: 1				
		Analysis Time..: 19:18				
Selenium	**0.0026 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/04/10**	**L9H131AG**
		Dilution Factor: 1				
		Analysis Time..: 19:18				
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H131AH
		Dilution Factor: 1				
		Analysis Time..: 19:18				
MB Lot-Sample #: C0K040000-094 **Prep Batch #...:** 0308094						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H151AA
		Dilution Factor: 1				
		Analysis Time..: 21:24				
Barium	ND	0.20	mg/L	SW846 6010B	11/04/10	L9H151AC
		Dilution Factor: 1				
		Analysis Time..: 21:24				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H151AD
		Dilution Factor: 1				
		Analysis Time..: 21:24				

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METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H151AE
		Dilution Factor: 1				
		Analysis Time..: 21:24				
Lead	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H151AF
		Dilution Factor: 1				
		Analysis Time..: 21:24				
Selenium	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H151AG
		Dilution Factor: 1				
		Analysis Time..: 21:24				
Silver	ND	0.050	mg/L	SW846 6010B	11/04/10	L9H151AH
		Dilution Factor: 1				
		Analysis Time..: 21:24				

MB Lot-Sample #: C0K040000-137 **Prep Batch #...:** 0308137

Mercury	ND	0.00020	mg/L	SW846 7470A	11/04/10	L9H4F1AA
		Dilution Factor: 1				
		Analysis Time..: 13:27				

MB Lot-Sample #: C0K040000-142 **Prep Batch #...:** 0308142

Mercury	**0.000055 B**	**0.00020**	**mg/L**	**SW846 7470A**	**11/04/10**	**L9H4T1AA**
		Dilution Factor: 1				
		Analysis Time..: 14:02				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K040000-093 **Prep Batch #...:** 0308093					
Arsenic	107	(80 - 120)	SW846 6010B	11/04/10	L9H131AJ
		Dilution Factor: 1	Analysis Time..: 19:29		
Barium	100	(80 - 120)	SW846 6010B	11/04/10	L9H131AK
		Dilution Factor: 1	Analysis Time..: 19:29		
Cadmium	103	(80 - 120)	SW846 6010B	11/04/10	L9H131AL
		Dilution Factor: 1	Analysis Time..: 19:29		
Chromium	101	(80 - 120)	SW846 6010B	11/04/10	L9H131AM
		Dilution Factor: 1	Analysis Time..: 19:29		
Lead	102	(80 - 120)	SW846 6010B	11/04/10	L9H131AN
		Dilution Factor: 1	Analysis Time..: 19:29		
Selenium	111	(80 - 120)	SW846 6010B	11/04/10	L9H131AP
		Dilution Factor: 1	Analysis Time..: 19:29		
Silver	106	(80 - 120)	SW846 6010B	11/04/10	L9H131AQ
		Dilution Factor: 1	Analysis Time..: 19:29		
LCS Lot-Sample#: C0K040000-094 **Prep Batch #...:** 0308094					
Arsenic	110	(80 - 120)	SW846 6010B	11/04/10	L9H151AJ
		Dilution Factor: 1	Analysis Time..: 21:35		
Barium	104	(80 - 120)	SW846 6010B	11/04/10	L9H151AK
		Dilution Factor: 1	Analysis Time..: 21:35		
Cadmium	107	(80 - 120)	SW846 6010B	11/04/10	L9H151AL
		Dilution Factor: 1	Analysis Time..: 21:35		
Chromium	105	(80 - 120)	SW846 6010B	11/04/10	L9H151AM
		Dilution Factor: 1	Analysis Time..: 21:35		
Lead	106	(80 - 120)	SW846 6010B	11/04/10	L9H151AN
		Dilution Factor: 1	Analysis Time..: 21:35		
Selenium	113	(80 - 120)	SW846 6010B	11/04/10	L9H151AP
		Dilution Factor: 1	Analysis Time..: 21:35		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	111	(80 - 120)	SW846 6010B	11/04/10	L9H151AQ
		Dilution Factor: 1	Analysis Time..: 21:35		
LCS Lot-Sample#: C0K040000-137 **Prep Batch #...:** 0308137					
Mercury	112	(80 - 120)	SW846 7470A	11/04/10	L9H4F1AC
		Dilution Factor: 1	Analysis Time..: 13:29		
LCS Lot-Sample#: C0K040000-142 **Prep Batch #...:** 0308142					
Mercury	104	(80 - 120)	SW846 7470A	11/04/10	L9H4T1AC
		Dilution Factor: 1	Analysis Time..: 14:03		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K040000-093 **Prep Batch #...:** 0308093							
Arsenic	2.00	2.14	mg/L	107	SW846 6010B	11/04/10	L9H131AJ
			Dilution Factor: 1		Analysis Time..: 19:29		
Barium	2.00	2.01	mg/L	100	SW846 6010B	11/04/10	L9H131AK
			Dilution Factor: 1		Analysis Time..: 19:29		
Cadmium	0.0500	0.0514	mg/L	103	SW846 6010B	11/04/10	L9H131AL
			Dilution Factor: 1		Analysis Time..: 19:29		
Chromium	0.200	0.203	mg/L	101	SW846 6010B	11/04/10	L9H131AM
			Dilution Factor: 1		Analysis Time..: 19:29		
Lead	0.500	0.512	mg/L	102	SW846 6010B	11/04/10	L9H131AN
			Dilution Factor: 1		Analysis Time..: 19:29		
Selenium	2.00	2.22	mg/L	111	SW846 6010B	11/04/10	L9H131AP
			Dilution Factor: 1		Analysis Time..: 19:29		
Silver	0.0500	0.0532	mg/L	106	SW846 6010B	11/04/10	L9H131AQ
			Dilution Factor: 1		Analysis Time..: 19:29		
LCS Lot-Sample#: C0K040000-094 **Prep Batch #...:** 0308094							
Arsenic	2.00	2.20	mg/L	110	SW846 6010B	11/04/10	L9H151AJ
			Dilution Factor: 1		Analysis Time..: 21:35		
Barium	2.00	2.09	mg/L	104	SW846 6010B	11/04/10	L9H151AK
			Dilution Factor: 1		Analysis Time..: 21:35		
Cadmium	0.0500	0.0535	mg/L	107	SW846 6010B	11/04/10	L9H151AL
			Dilution Factor: 1		Analysis Time..: 21:35		
Chromium	0.200	0.211	mg/L	105	SW846 6010B	11/04/10	L9H151AM
			Dilution Factor: 1		Analysis Time..: 21:35		
Lead	0.500	0.528	mg/L	106	SW846 6010B	11/04/10	L9H151AN
			Dilution Factor: 1		Analysis Time..: 21:35		
Selenium	2.00	2.26	mg/L	113	SW846 6010B	11/04/10	L9H151AP
			Dilution Factor: 1		Analysis Time..: 21:35		

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LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	0.0500	0.0555	mg/L	111	SW846 6010B	11/04/10	L9H151AQ
		Dilution Factor: 1			Analysis Time..: 21:35		
LCS Lot-Sample#: C0K040000-137 **Prep Batch #...:** 0308137							
Mercury	0.00250	0.00279	mg/L	112	SW846 7470A	11/04/10	L9H4F1AC
		Dilution Factor: 1			Analysis Time..: 13:29		
LCS Lot-Sample#: C0K040000-142 **Prep Batch #...:** 0308142							
Mercury	0.00250	0.00261	mg/L	104	SW846 7470A	11/04/10	L9H4T1AC
		Dilution Factor: 1			Analysis Time..: 14:03		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J290458-001 **Prep Batch #...:** 0308093							
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609							
Arsenic	109	(75 - 125)			SW846 6010B	11/04/10	L9AHM1A1
	104	(75 - 125)	4.1	(0-20)	SW846 6010B	11/04/10	L9AHM1A2
		Dilution Factor: 1					
		Analysis Time..: 19:56					
		MS Run #.....: 0308056					
Barium	101	(75 - 125)			SW846 6010B	11/04/10	L9AHM1A3
	97	(75 - 125)	4.1	(0-20)	SW846 6010B	11/04/10	L9AHM1A4
		Dilution Factor: 10					
		Analysis Time..: 20:18					
		MS Run #.....: 0308056					
Cadmium	105	(75 - 125)			SW846 6010B	11/04/10	L9AHM1A5
	100	(75 - 125)	4.8	(0-20)	SW846 6010B	11/04/10	L9AHM1A6
		Dilution Factor: 1					
		Analysis Time..: 19:56					
		MS Run #.....: 0308056					
Chromium	105	(75 - 125)			SW846 6010B	11/04/10	L9AHM1A7
	100	(75 - 125)	4.5	(0-20)	SW846 6010B	11/04/10	L9AHM1A8
		Dilution Factor: 1					
		Analysis Time..: 19:56					
		MS Run #.....: 0308056					
Lead	104	(75 - 125)			SW846 6010B	11/04/10	L9AHM1A9
	101	(75 - 125)	2.9	(0-20)	SW846 6010B	11/04/10	L9AHM1CA
		Dilution Factor: 10					
		Analysis Time..: 20:18					
		MS Run #.....: 0308056					
Selenium	114	(75 - 125)			SW846 6010B	11/04/10	L9AHM1CC
	110	(75 - 125)	3.5	(0-20)	SW846 6010B	11/04/10	L9AHM1CD
		Dilution Factor: 1					
		Analysis Time..: 19:56					
		MS Run #.....: 0308056					
Silver	100	(75 - 125)			SW846 6010B	11/04/10	L9AHM1CE
	95	(75 - 125)	5.2	(0-20)	SW846 6010B	11/04/10	L9AHM1CF
		Dilution Factor: 1					
		Analysis Time..: 19:56					
		MS Run #.....: 0308056					

MS Lot-Sample #: C0J290458-001 **Prep Batch #...:** 0308137
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609
(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	103	(75 - 125)			SW846 7470A	11/04/10	L9AHM1CG
	98	(75 - 125)	5.8	(0-20)	SW846 7470A	11/04/10	L9AHM1CH

Dilution Factor: 1
Analysis Time..: 13:38
MS Run #.....: 0308069

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J290458-001 **Prep Batch #...:** 0308093									
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609									
Arsenic									
	0.014	5.00	5.45	mg/L	109		SW846 6010B	11/04/10	L9AHM1A1
	0.014	5.00	5.23	mg/L	104	4.1	SW846 6010B	11/04/10	L9AHM1A2
			Dilution Factor: 1						
			Analysis Time..: 19:56						
			MS Run #.....: 0308056						
Barium									
	0.011	50.0	50.5	mg/L	101		SW846 6010B	11/04/10	L9AHM1A3
	0.011	50.0	48.5	mg/L	97	4.1	SW846 6010B	11/04/10	L9AHM1A4
			Dilution Factor: 10						
			Analysis Time..: 20:18						
			MS Run #.....: 0308056						
Cadmium									
	0.00042	1.00	1.05	mg/L	105		SW846 6010B	11/04/10	L9AHM1A5
	0.00042	1.00	1.00	mg/L	100	4.8	SW846 6010B	11/04/10	L9AHM1A6
			Dilution Factor: 1						
			Analysis Time..: 19:56						
			MS Run #.....: 0308056						
Chromium									
	0.0011	5.00	5.23	mg/L	105		SW846 6010B	11/04/10	L9AHM1A7
	0.0011	5.00	5.00	mg/L	100	4.5	SW846 6010B	11/04/10	L9AHM1A8
			Dilution Factor: 1						
			Analysis Time..: 19:56						
			MS Run #.....: 0308056						
Lead									
	0.0021	5.00	5.19	mg/L	104		SW846 6010B	11/04/10	L9AHM1A9
	0.0021	5.00	5.04	mg/L	101	2.9	SW846 6010B	11/04/10	L9AHM1CA
			Dilution Factor: 10						
			Analysis Time..: 20:18						
			MS Run #.....: 0308056						
Selenium									
	0.0067	1.00	1.14	mg/L	114		SW846 6010B	11/04/10	L9AHM1CC
	0.0067	1.00	1.10	mg/L	110	3.5	SW846 6010B	11/04/10	L9AHM1CD
			Dilution Factor: 1						
			Analysis Time..: 19:56						
			MS Run #.....: 0308056						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	1.00	1.00	mg/L	100		SW846 6010B	11/04/10	L9AHM1CE
	ND	1.00	0.950	mg/L	95	5.2	SW846 6010B	11/04/10	L9AHM1CF

Dilution Factor: 1
Analysis Time..: 19:56
MS Run #.....: 0308056

MS Lot-Sample #: C0J290458-001 **Prep Batch #...:** 0308137
Leach Date.....: 11/03/10 **Leach Batch #..:** P030609

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	0.00500	0.00517	mg/L	103		SW846 7470A	11/04/10	L9AHM1CG
	ND	0.00500	0.00488	mg/L	98	5.8	SW846 7470A	11/04/10	L9AHM1CH

Dilution Factor: 1
Analysis Time..: 13:38
MS Run #.....: 0308069

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J290458-011 **Prep Batch #...:** 0308094							
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610							
Arsenic	106	(75 - 125)			SW846 6010B	11/04/10	L9AH41AX
	109	(75 - 125)	3.1	(0-20)	SW846 6010B	11/04/10	L9AH41A0
		Dilution Factor: 1					
		Analysis Time..: 21:51					
		MS Run #.....: 0308057					
Barium	99	(75 - 125)			SW846 6010B	11/04/10	L9AH41A1
	101	(75 - 125)	1.9	(0-20)	SW846 6010B	11/04/10	L9AH41A2
		Dilution Factor: 10					
		Analysis Time..: 22:02					
		MS Run #.....: 0308057					
Cadmium	102	(75 - 125)			SW846 6010B	11/04/10	L9AH41A3
	105	(75 - 125)	3.1	(0-20)	SW846 6010B	11/04/10	L9AH41A4
		Dilution Factor: 1					
		Analysis Time..: 21:51					
		MS Run #.....: 0308057					
Chromium	102	(75 - 125)			SW846 6010B	11/04/10	L9AH41A5
	105	(75 - 125)	2.8	(0-20)	SW846 6010B	11/04/10	L9AH41A6
		Dilution Factor: 1					
		Analysis Time..: 21:51					
		MS Run #.....: 0308057					
Lead	102	(75 - 125)			SW846 6010B	11/04/10	L9AH41A7
	104	(75 - 125)	1.7	(0-20)	SW846 6010B	11/04/10	L9AH41A8
		Dilution Factor: 10					
		Analysis Time..: 22:02					
		MS Run #.....: 0308057					
Selenium	109	(75 - 125)			SW846 6010B	11/04/10	L9AH41A9
	113	(75 - 125)	3.4	(0-20)	SW846 6010B	11/04/10	L9AH41CA
		Dilution Factor: 1					
		Analysis Time..: 21:51					
		MS Run #.....: 0308057					
Silver	85	(75 - 125)			SW846 6010B	11/04/10	L9AH41CC
	84	(75 - 125)	0.87	(0-20)	SW846 6010B	11/04/10	L9AH41CD
		Dilution Factor: 1					
		Analysis Time..: 21:51					
		MS Run #.....: 0308057					

MS Lot-Sample #: C0J290458-011 **Prep Batch #...:** 0308142
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610
(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	95	(75 - 125)			SW846 7470A	11/04/10	L9AH41CE
	98	(75 - 125)	2.5	(0-20)	SW846 7470A	11/04/10	L9AH41CF

Dilution Factor: 1
Analysis Time..: 14:09
MS Run #.....: 0308072

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J290458-011 **Prep Batch #...:** 0308094									
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610									
Arsenic									
	0.0045	5.00	5.29	mg/L	106		SW846 6010B	11/04/10	L9AH41AX
	0.0045	5.00	5.46	mg/L	109	3.1	SW846 6010B	11/04/10	L9AH41A0
			Dilution Factor: 1						
			Analysis Time..: 21:51						
			MS Run #.....: 0308057						
Barium									
	0.043	50.0	49.4	mg/L	99		SW846 6010B	11/04/10	L9AH41A1
	0.043	50.0	50.3	mg/L	101	1.9	SW846 6010B	11/04/10	L9AH41A2
			Dilution Factor: 10						
			Analysis Time..: 22:02						
			MS Run #.....: 0308057						
Cadmium									
	0.00062	1.00	1.02	mg/L	102		SW846 6010B	11/04/10	L9AH41A3
	0.00062	1.00	1.05	mg/L	105	3.1	SW846 6010B	11/04/10	L9AH41A4
			Dilution Factor: 1						
			Analysis Time..: 21:51						
			MS Run #.....: 0308057						
Chromium									
	0.0019	5.00	5.11	mg/L	102		SW846 6010B	11/04/10	L9AH41A5
	0.0019	5.00	5.26	mg/L	105	2.8	SW846 6010B	11/04/10	L9AH41A6
			Dilution Factor: 1						
			Analysis Time..: 21:51						
			MS Run #.....: 0308057						
Lead									
	0.028	5.00	5.13	mg/L	102		SW846 6010B	11/04/10	L9AH41A7
	0.028	5.00	5.22	mg/L	104	1.7	SW846 6010B	11/04/10	L9AH41A8
			Dilution Factor: 10						
			Analysis Time..: 22:02						
			MS Run #.....: 0308057						
Selenium									
	0.013	1.00	1.11	mg/L	109		SW846 6010B	11/04/10	L9AH41A9
	0.013	1.00	1.14	mg/L	113	3.4	SW846 6010B	11/04/10	L9AH41CA
			Dilution Factor: 1						
			Analysis Time..: 21:51						
			MS Run #.....: 0308057						

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MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0J290458 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	1.00	0.849	mg/L	85		SW846 6010B	11/04/10	L9AH41CC
	ND	1.00	0.841	mg/L	84	0.87	SW846 6010B	11/04/10	L9AH41CD

Dilution Factor: 1
Analysis Time..: 21:51
MS Run #.....: 0308057

MS Lot-Sample #: C0J290458-011 **Prep Batch #...:** 0308142
Leach Date.....: 11/03/10 **Leach Batch #..:** P030610

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	0.00500	0.00476	mg/L	95		SW846 7470A	11/04/10	L9AH41CE
	ND	0.00500	0.00488	mg/L	98	2.5	SW846 7470A	11/04/10	L9AH41CF

Dilution Factor: 1
Analysis Time..: 14:09
MS Run #.....: 0308072

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-5-102710

General Chemistry

Lot-Sample #...: C0J290458-001 **Work Order #...:** L9AHM **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 34

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.5**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:16	MS Run #.....: 0306037	
Cyanide, Total	**0.42 B**	**0.76**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306149**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**66.1**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
		Dilution Factor: 1		Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**26.6 B**	**45.4**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-6-102810

General Chemistry

Lot-Sample #...: C0J290458-002 **Work Order #...:** L9AHN **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 35

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.8**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:20	MS Run #.....: 0306037	
Cyanide, Total	ND	0.77	mg/kg	SW846 9012A	11/02/10	0306149
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**65.0**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
		Dilution Factor: 1		Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**23.4 B**	**46.1**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-7-102810

General Chemistry

Lot-Sample #...: C0J290458-003 **Work Order #...:** L9AHP **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 34

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.2**		--	**SW846 9045C**	**11/02/10**	**0306067**
	Dilution Factor: 1			Analysis Time..: 12:21	MS Run #.....: 0306037	
Cyanide, Total	**0.86**	**0.75**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306149**
	Dilution Factor: 1			Analysis Time..: 12:41	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
	Dilution Factor: 1			Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**66.5**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
	Dilution Factor: 1			Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**18.1 B**	**45.1**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
	Dilution Factor: 1			Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-8-102810

General Chemistry

Lot-Sample #...: C0J290458-004 **Work Order #...:** L9AHQ **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 29

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.4**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:23	MS Run #.....: 0306037	
Cyanide, Total	ND	0.71	mg/kg	SW846 9012A	11/02/10	0306149
		Dilution Factor: 1		Analysis Time..: 13:17	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**70.9**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
		Dilution Factor: 1		Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**873**	**42.3**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-9-102810

General Chemistry

Lot-Sample #...: C0J290458-005 **Work Order #...:** L9AHR **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 69

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.0**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:25	MS Run #.....: 0306037	
Cyanide, Total	ND	1.6	mg/kg	SW846 9012A	11/02/10	0306149
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**30.5**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
		Dilution Factor: 1		Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**89.1 B**	**98.3**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-10-102810

General Chemistry

Lot-Sample #...: C0J290458-006 **Work Order #...:** L9AHV **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 36

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.1**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:26	MS Run #.....: 0306037	
Cyanide, Total	**0.25 B**	**0.78**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306149**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**64.1**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
		Dilution Factor: 1		Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**17.5 B**	**46.8**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-11-102810

General Chemistry

Lot-Sample #...: C0J290458-007 **Work Order #...:** L9AHW **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.3**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:28	MS Run #.....: 0306037	
Cyanide, Total	**0.55 B**	**1.0**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306149**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**49.6**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
		Dilution Factor: 1		Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**16.1 B**	**60.4**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-12-102810

General Chemistry

Lot-Sample #...: C0J290458-008 **Work Order #...:** L9AHX **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 74

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.5**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:30	MS Run #.....: 0306037	
Cyanide, Total	**2.5**	**2.0**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306149**
		Dilution Factor: 1		Analysis Time..: 12:48	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**25.5**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
		Dilution Factor: 1		Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**37.6 B**	**118**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-13-102810

General Chemistry

Lot-Sample #...: C0J290458-009 **Work Order #...:** L9AH0 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 58

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.8**		**--**	**SW846 9045C**	**11/02/10**	**0306067**
	Dilution Factor: 1			Analysis Time..: 12:31	MS Run #.....: 0306037	
Cyanide, Total	**0.72 B**	**1.2**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306149**
	Dilution Factor: 1			Analysis Time..: 12:48	MS Run #.....:	
Ignitability	**NO**	**--**	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
	Dilution Factor: 1			Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**42.2**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
	Dilution Factor: 1			Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**20.8 B**	**71.1**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
	Dilution Factor: 1			Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-14-102810

General Chemistry

Lot-Sample #...: C0J290458-010 **Work Order #...:** L9AH3 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.3**		--	**SW846 9045C**	**11/02/10**	**0306067**
	Dilution Factor: 1			Analysis Time..: 12:35	MS Run #.....: 0306037	
Cyanide, Total	**0.25 B**	**0.65**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306149**
	Dilution Factor: 1			Analysis Time..: 12:48	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
	Dilution Factor: 1			Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**76.8**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304037**
	Dilution Factor: 1			Analysis Time..: 08:00	MS Run #.....: 0304013	
Total Sulfide	**1000**	**39.1**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
	Dilution Factor: 1			Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-15-102810

General Chemistry

Lot-Sample #...: C0J290458-011 **Work Order #...:** L9AH4 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 24

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.5**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:37	MS Run #.....: 0306037	
Cyanide, Total	**0.38 B**	**0.66**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306149**
		Dilution Factor: 1		Analysis Time..: 12:48	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**76.0**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304035**
		Dilution Factor: 1		Analysis Time..: 08:03	MS Run #.....: 0304015	
Total Sulfide	**8.4 B**	**39.5**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-16-102810

General Chemistry

Lot-Sample #...: C0J290458-012 **Work Order #...:** L9AH5 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 37

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**4.5**		--	**SW846 9045C**	**11/02/10**	**0306067**
	Dilution Factor: 1			Analysis Time..: 12:39	MS Run #.....: 0306037	
Cyanide, Total	**0.16 B**	**0.79**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306150**
	Dilution Factor: 1			Analysis Time..: 12:48	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
	Dilution Factor: 1			Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**63.1**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304035**
	Dilution Factor: 1			Analysis Time..: 08:03	MS Run #.....: 0304015	
Total Sulfide	**14.0 B**	**47.6**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
	Dilution Factor: 1			Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-17-102810

General Chemistry

Lot-Sample #...: C0J290458-013 **Work Order #...:** L9AH6 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.8**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:40	MS Run #.....: 0306037	
Cyanide, Total	**0.19 B**	**0.59**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306150**
		Dilution Factor: 1		Analysis Time..: 12:48	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**85.0**	**1.0**	**%**	**SM20 2540G**	**11/01-11/02/10**	**0305347**
		Dilution Factor: 1		Analysis Time..: 08:16	MS Run #.....: 0305226	
Total Sulfide	**15.1 B**	**35.3**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-18-102810

General Chemistry

Lot-Sample #...: C0J290458-014 **Work Order #...:** L9AH7 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 30

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.1**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....: 0306037	
Cyanide, Total	ND	0.72	mg/kg	SW846 9012A	11/02/10	0306150
		Dilution Factor: 1		Analysis Time..: 12:55	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**69.7**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304035**
		Dilution Factor: 1		Analysis Time..: 08:03	MS Run #.....: 0304015	
Total Sulfide	**11.5 B**	**43.1**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-19-102810

General Chemistry

Lot-Sample #...: C0J290458-015 **Work Order #...:** L9AH8 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 57

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.2**		--	**SW846 9045C**	**11/02/10**	**0306067**
	Dilution Factor: 1			Analysis Time..: 12:42	MS Run #.....: 0306037	
Cyanide, Total	**1.0 B**	**1.2**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306150**
	Dilution Factor: 1			Analysis Time..: 12:55	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
	Dilution Factor: 1			Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**42.5**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304035**
	Dilution Factor: 1			Analysis Time..: 08:03	MS Run #.....: 0304015	
Total Sulfide	**69.6 B**	**70.5**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
	Dilution Factor: 1			Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-20-102810

General Chemistry

Lot-Sample #...: C0J290458-016 **Work Order #...:** L9AH9 **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.3**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:43	MS Run #.....: 0306037	
Cyanide, Total	ND	0.61	mg/kg	SW846 9012A	11/02/10	0306150
		Dilution Factor: 1		Analysis Time..: 12:55	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**81.8**	**1.0**	**%**	**SM20 2540G**	**11/01-11/02/10**	**0305347**
		Dilution Factor: 1		Analysis Time..: 08:16	MS Run #.....: 0305226	
Total Sulfide	**10.8 B**	**36.7**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-21-102810

General Chemistry

Lot-Sample #...: C0J290458-017 **Work Order #...:** L9AJA **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 43

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.3**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:45	MS Run #.....: 0306037	
Cyanide, Total	ND	0.87	mg/kg	SW846 9012A	11/02/10	0306150
		Dilution Factor: 1		Analysis Time..: 12:55	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**57.4**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304035**
		Dilution Factor: 1		Analysis Time..: 08:03	MS Run #.....: 0304015	
Total Sulfide	**19.5 B**	**52.3**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306104**
		Dilution Factor: 1		Analysis Time..: 14:40	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-22-102810

General Chemistry

Lot-Sample #...: C0J290458-018 **Work Order #...:** L9AJC **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 38

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.3**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:47	MS Run #.....: 0306037	
Cyanide, Total	**0.19 B**	**0.81**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306150**
		Dilution Factor: 1		Analysis Time..: 12:55	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**62.1**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304035**
		Dilution Factor: 1		Analysis Time..: 08:03	MS Run #.....: 0304015	
Total Sulfide	**28.4 B**	**48.3**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306238**
		Dilution Factor: 1		Analysis Time..: 15:20	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-23-102810

General Chemistry

Lot-Sample #...: C0J290458-019 **Work Order #...:** L9AJD **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 35

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.4**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:49	MS Run #.....: 0306037	
Cyanide, Total	ND	0.77	mg/kg	SW846 9012A	11/02/10	0306150
		Dilution Factor: 1		Analysis Time..: 12:55	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**65.1**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304035**
		Dilution Factor: 1		Analysis Time..: 08:03	MS Run #.....: 0304015	
Total Sulfide	**17.2 B**	**46.1**	**mg/kg**	**SW846 9030B/9034**	**11/02/10**	**0306238**
		Dilution Factor: 1		Analysis Time..: 15:20	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-24-102810

General Chemistry

Lot-Sample #...: C0J290458-020 **Work Order #...:** L9AJE **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 30

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.4**		--	**SW846 9045C**	**11/02/10**	**0306067**
		Dilution Factor: 1		Analysis Time..: 12:51	MS Run #.....: 0306037	
Cyanide, Total	**0.69 B**	**0.71**	**mg/kg**	**SW846 9012A**	**11/02/10**	**0306150**
		Dilution Factor: 1		Analysis Time..: 12:55	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/01/10**	**0305336**
		Dilution Factor: 1		Analysis Time..: 16:30	MS Run #.....:	
Percent Solids	**70.2**	**1.0**	**%**	**SM20 2540G**	**10/31-11/01/10**	**0304035**
		Dilution Factor: 1		Analysis Time..: 08:03	MS Run #.....: 0304015	
Total Sulfide	ND	42.7	mg/kg	SW846 9030B/9034	11/02/10	0306238
		Dilution Factor: 1		Analysis Time..: 15:20	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-25-102810

General Chemistry

Lot-Sample #...: C0J290458-021 **Work Order #...:** L9AJF **Matrix.....:** SOLID
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 70

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**4.2**		--	**SW846 9045C**	**11/02/10**	**0306068**
		Dilution Factor: 1		Analysis Time..: 12:59	MS Run #.....: 0306038	
Cyanide, Total	ND	1.7	mg/kg	SW846 9012A	11/02/10	0306150
		Dilution Factor: 1		Analysis Time..: 12:55	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/02/10**	**0305337**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	
Percent Solids	**30.0**	**1.0**	**%**	**SM20 2540G**	**11/01-11/02/10**	**0305347**
		Dilution Factor: 1		Analysis Time..: 08:16	MS Run #.....: 0305226	
Total Sulfide	ND	99.9	mg/kg	SW846 9030B/9034	11/02/10	0306238
		Dilution Factor: 1		Analysis Time..: 15:20	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: L9EPP1AA		MB Lot-Sample #:	C0K020000-149	
	ND	0.50	mg/kg	SW846 9012A	11/02/10	0306149
		Dilution Factor: 1				
		Analysis Time..: 12:41				
Cyanide, Total		Work Order #: L9EPQ1AA		MB Lot-Sample #:	C0K020000-150	
	ND	0.50	mg/kg	SW846 9012A	11/02/10	0306150
		Dilution Factor: 1				
		Analysis Time..: 12:48				
Total Sulfide		Work Order #: L9E6J1AA		MB Lot-Sample #:	C0K020000-104	
	ND	30.0	mg/kg	SW846 9030B/9034	11/02/10	0306104
		Dilution Factor: 1				
		Analysis Time..: 14:40				
Total Sulfide		Work Order #: L9E7P1AA		MB Lot-Sample #:	C0K020000-238	
	ND	30.0	mg/kg	SW846 9030B/9034	11/02/10	0306238
		Dilution Factor: 1				
		Analysis Time..: 15:20				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#:L9EPP1AC-LCS/L9EPP1AD-LCSD				LCS Lot-Sample#: C0K020000-149	
	95	(38 - 162)			SW846 9012A	11/02/10	0306149
	90	(38 - 162)	5.4	(0-30)	SW846 9012A	11/02/10	0306149
		Dilution Factor: 1			Analysis Time..: 12:33		
Cyanide, Total		WO#:L9EPQ1AC-LCS/L9EPQ1AD-LCSD				LCS Lot-Sample#: C0K020000-150	
	98	(38 - 162)			SW846 9012A	11/02/10	0306150
	97	(38 - 162)	0.74	(0-30)	SW846 9012A	11/02/10	0306150
		Dilution Factor: 1			Analysis Time..: 12:48		
Total Sulfide		WO#:L9E6J1AC-LCS/L9E6J1AD-LCSD				LCS Lot-Sample#: C0K020000-104	
	88	(85 - 115)			SW846 9030B/9034	11/02/10	0306104
	93	(85 - 115)	5.5	(0-20)	SW846 9030B/9034	11/02/10	0306104
		Dilution Factor: 1			Analysis Time..: 14:40		
Total Sulfide		WO#:L9E7P1AC-LCS/L9E7P1AD-LCSD				LCS Lot-Sample#: C0K020000-238	
	96	(85 - 115)			SW846 9030B/9034	11/02/10	0306238
	88	(85 - 115)	9.1	(0-20)	SW846 9030B/9034	11/02/10	0306238
		Dilution Factor: 1			Analysis Time..: 15:20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#:L9EPP1AC-LCS/L9EPP1AD-LCSD				LCS Lot-Sample#: C0K020000-149		
	54.6	52.0	mg/kg	95		SW846 9012A	11/02/10	0306149
	54.6	49.3	mg/kg	90	5.4	SW846 9012A	11/02/10	0306149
		Dilution Factor: 1				Analysis Time..: 12:33		
Cyanide, Total		WO#:L9EPQ1AC-LCS/L9EPQ1AD-LCSD				LCS Lot-Sample#: C0K020000-150		
	54.6	53.3	mg/kg	98		SW846 9012A	11/02/10	0306150
	54.6	53.0	mg/kg	97	0.74	SW846 9012A	11/02/10	0306150
		Dilution Factor: 1				Analysis Time..: 12:48		
Total Sulfide		WO#:L9E6J1AC-LCS/L9E6J1AD-LCSD				LCS Lot-Sample#: C0K020000-104		
	192	170	mg/kg	88		SW846 9030B/9034	11/02/10	0306104
	192	179	mg/kg	93	5.5	SW846 9030B/9034	11/02/10	0306104
		Dilution Factor: 1				Analysis Time..: 14:40		
Total Sulfide		WO#:L9E7P1AC-LCS/L9E7P1AD-LCSD				LCS Lot-Sample#: C0K020000-238		
	192	184	mg/kg	96		SW846 9030B/9034	11/02/10	0306238
	192	168	mg/kg	88	9.1	SW846 9030B/9034	11/02/10	0306238
		Dilution Factor: 1				Analysis Time..: 15:20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: L9EHG1AA	LCS Lot-Sample#: C0K020000-067		
	100	(99 - 101)	SW846 9045C	11/02/10	0306067
		Dilution Factor: 1	Analysis Time..: 12:15		
pH		Work Order #: L9EHH1AA	LCS Lot-Sample#: C0K020000-068		
	100	(99 - 101)	SW846 9045C	11/02/10	0306068
		Dilution Factor: 1	Analysis Time..: 12:56		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0J290458 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH			Work Order #: L9EHG1AA		LCS Lot-Sample#: C0K020000-067		
	7.00	7.02	--	100	SW846 9045C	11/02/10	0306067
			Dilution Factor: 1		Analysis Time..: 12:15		
pH			Work Order #: L9EHH1AA		LCS Lot-Sample#: C0K020000-068		
	7.00	7.03	--	100	SW846 9045C	11/02/10	0306068
			Dilution Factor: 1		Analysis Time..: 12:56		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J290458 **Work Order #...:** L9CXJ-SMP **Matrix.....:** SOLID
L9CXJ-DUP
Date Sampled...: 10/28/10 **Date Received..:** 10/30/10
% Moisture.....: 56

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0J300427-001		
	44.2	47.1	%	6.3	(0-20)	SM20 2540G	10/31-11/01/10	0304035

Dilution Factor: 1 Analysis Time..: 08:03 MS Run Number..: 0304015

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J290458 **Work Order #...:** L9C01-SMP **Matrix.....:** SOLID
L9C01-DUP
Date Sampled...: 10/28/10 **Date Received..:** 10/30/10
% Moisture.....: 18

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0J300436-002		
	81.6	81.4	%	0.26	(0-20)	SM20 2540G	10/31-11/01/10	0304037

Dilution Factor: 1 Analysis Time..: 08:00 MS Run Number..: 0304013

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J290458 **Work Order #...:** L9A0J-SMP **Matrix.....:** SOLID
L9A0J-DUP
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 74

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0J290519-001		
	26.1	26.3	%	0.97	(0-20)	SM20 2540G	11/01-11/02/10	0305347

Dilution Factor: 1 Analysis Time..: 08:16 MS Run Number..: 0305226

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J290458 **Work Order #...:** L9AHM-SMP **Matrix.....:** SOLID
L9AHM-DUP
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 34

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C0J290458-001		
	6.5	6.4	--	0.46	(0-2.0)	SW846 9045C	11/02/10	0306067

Dilution Factor: 1 Analysis Time..: 12:16 MS Run Number..: 0306037

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J290458 **Work Order #...:** L9AJF-SMP **Matrix.....:** SOLID
L9AJF-DUP
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 70

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C0J290458-021		
	4.2	4.2	--	0.47	(0-2.0)	SW846 9045C	11/02/10	0306068

Dilution Factor: 1 Analysis Time..: 12:59 MS Run Number..: 0306038

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0K020496

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

November 24, 2010



NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X –
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K020496

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 2, 2010. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

TCLP GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

Due to the concentration of target compounds detected, sample D-36-110110 was analyzed at two different dilutions. Both sets of data were reported.

TCLP GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

TCLP Pesticides:
There were no problems associated with the analysis.

PCB's:
There were no problems associated with the analysis.

TCLP Metals:
The TCLP leachate blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier.

The matrix spikes were over the instrument's linear range for barium and lead and were analyzed at a dilution.

General Chemistry:
The test for pH is a field parameter. The laboratory pH analysis was completed at the request of the client.

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: MACTEC Inc.	Client Project Manager: Rob Crowley	Site Contact: Chris Horter	Lab Contact: Carrie Gamber
Address: 600 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-596-6975	Telephone: 412-963-2428
City/State/Zip: Pittsburgh PA 15106	Email: rcrowley@mactec.com		COC No: 000126
Phone: 412-279-6661			1 of 2 COCs
Project Name: HW Hartsdale Falls	Method of Shipment/Carrier: Fed Ex	TAT if different from below: 5 day	
Project Number:	Shipping/Tracking No:	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
PO#			

Analyses

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:			TCLP Lead 1311		Sample Specific Notes / Special Instructions:
D-26-110110	11/1/10	1130					X						X		N	C	1	1	
D-27-110110		1140					X						X		N	C	1	1	
D-28-110110		1145					X						X		N	C	1	1	
D-29-110110		1210					X						X		N	C	1	1	
D-30-110110		1215					X						X		N	C	1	1	
D-31-110110		1225					X						X		N	C	1	1	
D-32-110110		1230					X						X		N	C	1	1	
D-33-110110		1240					X						X		N	C	1	1	
D-34-110110		1245					X						X		N	C	1	1	
D-35-110110		1255					X						X		N	C	1	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☑ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

2 coolers

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	MACTEC	11/1/10 1700			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA	Date/Time: 11/2/10 0930

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact
Company Name: MACTEC Inc.
Address: 800 N. Bell Ave. Suite 200
City/State/Zip: Pittsburgh Pa 15106
Phone: 412-279-6661
Project Name: Hwy Hoosick Falls
Project Number:
P O #:

Client Contact: [illegible] Etal
Telephone: [illegible]
Email: [illegible]@mactec.com
Method of Shipment/Carrier: Fed Ex
Shipping/Tracking No:

Site Contact: Chris Hortert
Telephone: 412-596-6975

Lab Contact: Corrie Gamber
Telephone: 412-963-2428

COC No: 000127
2 of 2 COCs

TAT if different from below: 5 day
☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day

Analyses

Sample Identification	Sample ID	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:			VOC's 624	Lead	Sample Specific Notes / Special Instructions:
D-36-11010		1416					X						X		N	C	1	1	
D-37-11010		1428					X						X		N	C	1	1	
D-38-11010		1435					X						X		N	C	1	1	
D-39-11010		1445					X						X		N	C	1	1	
D-40-11010		1455					X						X		N	C	1	1	
D-41-11010		1516					X						X		N	C	1	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irr ☐ Poison B ☒ Unknown
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
2 coolers

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: [signature]	MACTEC	11/1/10 1740			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA	Date/Time: 11/2/10 0930

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0K020496

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Cyanide, Total	SW846 9012A	SW846 9012A
Ignitability	SW846 SECTION 7	SW846 SECTION 7
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 1311/7470
Organochlorine Pesticides	SW846 8081A	SW846 1311/3510
PCBs by SW-846 8082	SW846 8082	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 1311/3510
Soil and Waste pH	SW846 9045C	SW846 9045C
Sulfides, Total 9030B/9034	SW846 9030B/903	SW846 9030B/903
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1311/3010
Volatile Organics by GC/MS	SW846 8260B	SW846 1311/5030

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K020496

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L9FE6	001	D-26-110110	11/01/10	11:30
L9FFG	002	D-27-110110	11/01/10	11:40
L9FFH	003	D-28-110110	11/01/10	11:45
L9FFJ	004	D-29-110110	11/01/10	12:00
L9FFK	005	D-30-110110	11/01/10	12:15
L9FFP	006	D-31-110110	11/01/10	12:25
L9FFQ	007	D-32-110110	11/01/10	12:30
L9FFR	008	D-33-110110	11/01/10	12:40
L9FFT	009	D-34-110110	11/01/10	12:45
L9FFV	010	D-35-110110	11/01/10	12:55
L9FFW	011	D-36-110110	11/01/10	14:18
L9FFX	012	D-37-110110	11/01/10	14:28
L9FF0	013	D-38-110110	11/01/10	14:35
L9FF1	014	D-39-110110	11/01/10	14:45
L9FF2	015	D-40-110110	11/01/10	14:55
L9FF3	016	D-41-110110	11/01/10	15:16

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-26-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-001	**Work Order #...:** L9FE61AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0311028
Leach Date.....: 11/03/10	**Prep Date.....:** 11/07/10	**Analysis Date..:** 11/07/10
Leach Batch #..: P030701	**Prep Batch #...:** 0311062	**Analysis Time..:** 18:20
Dilution Factor: 4		
% Moisture.....: 25	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.062 J**	**0.20**	**mg/L**
2-Butanone	**0.57**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	89	(80 - 120)
4-Bromofluorobenzene	106	(75 - 120)
Dibromofluoromethane	97	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-27-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-002	**Work Order #...:** L9FFG1AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0311028
Leach Date.....: 11/03/10	**Prep Date.....:** 11/07/10	**Analysis Date..:** 11/07/10
Leach Batch #..: P030701	**Prep Batch #...:** 0311062	**Analysis Time..:** 18:44
Dilution Factor: 4		
% Moisture.....: 24	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.17 J**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(64 - 124)
Toluene-d8	90	(80 - 120)
4-Bromofluorobenzene	107	(75 - 120)
Dibromofluoromethane	96	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-28-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-003	**Work Order #...:** L9FFH1AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0311028
Leach Date.....: 11/03/10	**Prep Date.....:** 11/07/10	**Analysis Date..:** 11/07/10
Leach Batch #..: P030701	**Prep Batch #...:** 0311062	**Analysis Time..:** 19:07
Dilution Factor: 4		
% Moisture.....: 25	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(64 - 124)
Toluene-d8	90	(80 - 120)
4-Bromofluorobenzene	108	(75 - 120)
Dibromofluoromethane	98	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-29-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-004	**Work Order #...:** L9FFJ1AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0311028
Leach Date.....: 11/03/10	**Prep Date.....:** 11/07/10	**Analysis Date..:** 11/07/10
Leach Batch #..: P030701	**Prep Batch #...:** 0311062	**Analysis Time..:** 19:31
Dilution Factor: 4		
% Moisture.....: 68	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.49**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	**2.7**	**0.20**	**mg/L**
Trichloroethene	**0.052 J**	**0.20**	**mg/L**
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(64 - 124)
Toluene-d8	90	(80 - 120)
4-Bromofluorobenzene	108	(75 - 120)
Dibromofluoromethane	98	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-30-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-005	**Work Order #...:** L9FFK1AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0311028
Leach Date.....: 11/03/10	**Prep Date.....:** 11/07/10	**Analysis Date..:** 11/07/10
Leach Batch #..: P030701	**Prep Batch #...:** 0311062	**Analysis Time..:** 19:54
Dilution Factor: 4		
% Moisture.....: 15	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.16 J**	**0.20**	**mg/L**
2-Butanone	**0.93**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	**0.045 J**	**0.20**	**mg/L**
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(64 - 124)
Toluene-d8	89	(80 - 120)
4-Bromofluorobenzene	107	(75 - 120)
Dibromofluoromethane	99	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-31-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-006	**Work Order #...:** L9FFP1AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0311028
Leach Date.....: 11/03/10	**Prep Date.....:** 11/07/10	**Analysis Date..:** 11/07/10
Leach Batch #..: P030701	**Prep Batch #...:** 0311062	**Analysis Time..:** 20:18
Dilution Factor: 4		
% Moisture.....: 34	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(64 - 124)
Toluene-d8	91	(80 - 120)
4-Bromofluorobenzene	108	(75 - 120)
Dibromofluoromethane	96	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-32-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-007 **Work Order #...:** L9FFQ1AD **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0311028
Leach Date.....: 11/03/10 **Prep Date.....:** 11/07/10 **Analysis Date..:** 11/07/10
Leach Batch #..: P030701 **Prep Batch #...:** 0311062 **Analysis Time..:** 20:41
Dilution Factor: 4
% Moisture.....: 31 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(64 - 124)
Toluene-d8	90	(80 - 120)
4-Bromofluorobenzene	107	(75 - 120)
Dibromofluoromethane	97	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-33-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-008	**Work Order #...:** L9FFR1AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0311028
Leach Date.....: 11/03/10	**Prep Date.....:** 11/07/10	**Analysis Date..:** 11/07/10
Leach Batch #..: P030701	**Prep Batch #...:** 0311062	**Analysis Time..:** 21:05
Dilution Factor: 4		
% Moisture.....: 19	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.043 J**	**0.20**	**mg/L**
2-Butanone	**0.15 J**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	**0.086 J**	**0.20**	**mg/L**
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(64 - 124)
Toluene-d8	89	(80 - 120)
4-Bromofluorobenzene	106	(75 - 120)
Dibromofluoromethane	99	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-34-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-009 **Work Order #...:** L9FFT1AD **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0316177
Leach Date.....: 11/03/10 **Prep Date.....:** 11/12/10 **Analysis Date..:** 11/12/10
Leach Batch #..: P030701 **Prep Batch #...:** 0316267 **Analysis Time..:** 11:36
Dilution Factor: 4
% Moisture.....: 19 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
Toluene-d8	86	(80 - 120)
4-Bromofluorobenzene	104	(75 - 120)
Dibromofluoromethane	100	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-35-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-010 **Work Order #...:** L9FFV1AD **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0316177
Leach Date.....: 11/03/10 **Prep Date.....:** 11/12/10 **Analysis Date..:** 11/12/10
Leach Batch #..: P030701 **Prep Batch #...:** 0316267 **Analysis Time..:** 11:10
Dilution Factor: 4
% Moisture.....: 19 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
Toluene-d8	89	(80 - 120)
4-Bromofluorobenzene	107	(75 - 120)
Dibromofluoromethane	99	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-36-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-011	**Work Order #...:** L9FFW1AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0316177
Leach Date.....: 11/03/10	**Prep Date.....:** 11/12/10	**Analysis Date..:** 11/12/10
Leach Batch #..: P030701	**Prep Batch #...:** 0316267	**Analysis Time..:** 12:02
Dilution Factor: 4		
% Moisture.....: 20	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.058 J**	**0.20**	**mg/L**
2-Butanone	**10 E**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(64 - 124)
Toluene-d8	87	(80 - 120)
4-Bromofluorobenzene	106	(75 - 120)
Dibromofluoromethane	98	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-36-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-011 **Work Order #...:** L9FFW2AD **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0316177
Leach Date.....: 11/03/10 **Prep Date.....:** 11/12/10 **Analysis Date..:** 11/12/10
Leach Batch #..: P030701 **Prep Batch #...:** 0316267 **Analysis Time..:** 16:13
Dilution Factor: 10
% Moisture.....: 20 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.50	mg/L
2-Butanone	**12**	**0.50**	**mg/L**
Carbon tetrachloride	ND	0.50	mg/L
Chlorobenzene	ND	0.50	mg/L
Chloroform	ND	0.50	mg/L
1,2-Dichloroethane	ND	0.50	mg/L
1,1-Dichloroethene	ND	0.50	mg/L
Tetrachloroethene	ND	0.50	mg/L
Trichloroethene	ND	0.50	mg/L
Vinyl chloride	ND	0.50	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
Toluene-d8	87	(80 - 120)
4-Bromofluorobenzene	107	(75 - 120)
Dibromofluoromethane	99	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-37-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-012	**Work Order #...:** L9FFX1AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0316177
Leach Date.....: 11/03/10	**Prep Date.....:** 11/12/10	**Analysis Date..:** 11/12/10
Leach Batch #..: P030701	**Prep Batch #...:** 0316267	**Analysis Time..:** 16:36
Dilution Factor: 4		
% Moisture.....: 21	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.15 J**	**0.20**	**mg/L**
2-Butanone	**1.3**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	87	(80 - 120)
4-Bromofluorobenzene	105	(75 - 120)
Dibromofluoromethane	99	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-38-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-013	**Work Order #...:** L9FF01AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0316177
Leach Date.....: 11/08/10	**Prep Date.....:** 11/12/10	**Analysis Date..:** 11/12/10
Leach Batch #..: P031216	**Prep Batch #...:** 0316269	**Analysis Time..:** 14:39
Dilution Factor: 4		
% Moisture.....: 36	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.060 J**	**0.20**	**mg/L**
2-Butanone	**0.94**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	85	(80 - 120)
4-Bromofluorobenzene	110	(75 - 120)
Dibromofluoromethane	98	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-39-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-014	**Work Order #...:** L9FF11AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0316177
Leach Date.....: 11/08/10	**Prep Date.....:** 11/12/10	**Analysis Date..:** 11/12/10
Leach Batch #..: P031216	**Prep Batch #...:** 0316269	**Analysis Time..:** 15:03
Dilution Factor: 4		
% Moisture.....: 22	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.79**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	86	(80 - 120)
4-Bromofluorobenzene	109	(75 - 120)
Dibromofluoromethane	98	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-40-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-015	**Work Order #...:** L9FF21AD	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:** 0316177
Leach Date.....: 11/08/10	**Prep Date.....:** 11/12/10	**Analysis Date..:** 11/12/10
Leach Batch #..: P031216	**Prep Batch #...:** 0316269	**Analysis Time..:** 15:27
Dilution Factor: 4		
% Moisture.....: 20	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.079 J**	**0.20**	**mg/L**
2-Butanone	**0.45**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	86	(80 - 120)
4-Bromofluorobenzene	107	(75 - 120)
Dibromofluoromethane	97	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-41-110110

TCLP GC/MS Volatiles

Lot-Sample #...: C0K020496-016 **Work Order #...:** L9FF31AD **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0316177
Leach Date.....: 11/08/10 **Prep Date.....:** 11/12/10 **Analysis Date..:** 11/12/10
Leach Batch #..: P031216 **Prep Batch #...:** 0316269 **Analysis Time..:** 15:50
Dilution Factor: 4
% Moisture.....: 26 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	**0.64**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
Toluene-d8	87	(80 - 120)
4-Bromofluorobenzene	108	(75 - 120)
Dibromofluoromethane	96	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L9NNR1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K070000-062
Prep Date.....: 11/07/10 **Analysis Time..:** 11:32
Analysis Date..: 11/07/10 **Prep Batch #...:** 0311062
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	107	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	88	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L90MK1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K120000-267
Prep Date.....: 11/12/10 **Analysis Time..:** 08:32
Analysis Date..: 11/12/10 **Prep Batch #...:** 0316267
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(64 - 124)
Toluene-d8	107	(80 - 120)
4-Bromofluorobenzene	101	(75 - 120)
Dibromofluoromethane	99	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L9PPQ1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K080000-369
Leach Date.....: 11/08/10 **Prep Date.....:** 11/12/10 **Analysis Date..:** 11/12/10
Leach Batch #..: P031216 **Prep Batch #...:** 0316269 **Analysis Time..:** 08:56
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(64 - 124)
Toluene-d8	102	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	94	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L9NNR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K070000-062
Prep Date.....: 11/07/10 **Analysis Date..:** 11/07/10
Prep Batch #...: 0311062 **Analysis Time..:** 13:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**81**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**138**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**88**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**101**	**(78 - 118)**	**SW846 8260B**
Chloroform	**90**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**96**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**83**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**115**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**86**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**85**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(64 - 124)
Toluene-d8	104	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	88	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L9NNR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K070000-062
Prep Date.....: 11/07/10 **Analysis Date..:** 11/07/10
Prep Batch #...: 0311062 **Analysis Time..:** 13:54
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.326**	**mg/L**	**81**	**SW846 8260B**
2-Butanone	**0.400**	**0.554**	**mg/L**	**138**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.351**	**mg/L**	**88**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.405**	**mg/L**	**101**	**SW846 8260B**
Chloroform	**0.400**	**0.362**	**mg/L**	**90**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.383**	**mg/L**	**96**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.334**	**mg/L**	**83**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.462**	**mg/L**	**115**	**SW846 8260B**
Trichloroethene	**0.400**	**0.343**	**mg/L**	**86**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.342**	**mg/L**	**85**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(64 - 124)
Toluene-d8	104	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	88	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L90MK1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K120000-267
Prep Date.....: 11/12/10 **Analysis Date..:** 11/12/10
Prep Batch #...: 0316267 **Analysis Time..:** 09:49
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**94**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**133**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**96**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**100**	**(78 - 118)**	**SW846 8260B**
Chloroform	**103**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**98**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**97**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**115**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**97**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**110**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	103	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L90MK1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K120000-267
Prep Date.....: 11/12/10 **Analysis Date..:** 11/12/10
Prep Batch #...: 0316267 **Analysis Time..:** 09:49
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.375**	**mg/L**	**94**	**SW846 8260B**
2-Butanone	**0.400**	**0.531**	**mg/L**	**133**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.382**	**mg/L**	**96**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.400**	**mg/L**	**100**	**SW846 8260B**
Chloroform	**0.400**	**0.413**	**mg/L**	**103**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.392**	**mg/L**	**98**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.387**	**mg/L**	**97**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.459**	**mg/L**	**115**	**SW846 8260B**
Trichloroethene	**0.400**	**0.390**	**mg/L**	**97**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.439**	**mg/L**	**110**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	103	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L90NT1AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K120000-269
Prep Date.....: 11/12/10 **Analysis Date..:** 11/12/10
Prep Batch #...: 0316269 **Analysis Time..:** 09:49
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**94**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**133**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**96**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**100**	**(78 - 118)**	**SW846 8260B**
Chloroform	**103**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**98**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**97**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**115**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**97**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**110**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	103	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L90NT1AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K120000-269
Prep Date.....: 11/12/10 **Analysis Date..:** 11/12/10
Prep Batch #...: 0316269 **Analysis Time..:** 09:49
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.375**	**mg/L**	**94**	**SW846 8260B**
2-Butanone	**0.400**	**0.531**	**mg/L**	**133**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.382**	**mg/L**	**96**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.400**	**mg/L**	**100**	**SW846 8260B**
Chloroform	**0.400**	**0.413**	**mg/L**	**103**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.392**	**mg/L**	**98**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.387**	**mg/L**	**97**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.459**	**mg/L**	**115**	**SW846 8260B**
Trichloroethene	**0.400**	**0.390**	**mg/L**	**97**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.439**	**mg/L**	**110**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	103	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L9F251CJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K020542-001 L9F251CK-MSD
Date Sampled...: 11/02/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0311028
Leach Date.....: 11/03/10 **Prep Date.....:** 11/07/10 **Analysis Date..:** 11/07/10
Leach Batch #..: P030701 **Prep Batch #...:** 0311062 **Analysis Time..:** 13:08
Dilution Factor: 4

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**74 a**	**(76 - 120)**			**SW846 8260B**
	77	**(76 - 120)**	**4.1**	**(0-20)**	**SW846 8260B**
2-Butanone	**118**	**(10 - 150)**			**SW846 8260B**
	120	**(10 - 150)**	**1.2**	**(0-34)**	**SW846 8260B**
Carbon tetrachloride	**77**	**(67 - 136)**			**SW846 8260B**
	81	**(67 - 136)**	**5.1**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**92**	**(78 - 118)**			**SW846 8260B**
	94	**(78 - 118)**	**3.2**	**(0-20)**	**SW846 8260B**
Chloroform	**82**	**(72 - 124)**			**SW846 8260B**
	85	**(72 - 124)**	**3.5**	**(0-20)**	**SW846 8260B**
1,2-Dichloroethane	**85**	**(67 - 132)**			**SW846 8260B**
	87	**(67 - 132)**	**2.3**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**74**	**(65 - 130)**			**SW846 8260B**
	77	**(65 - 130)**	**3.8**	**(0-20)**	**SW846 8260B**
Tetrachloroethene	**106**	**(70 - 130)**			**SW846 8260B**
	108	**(70 - 130)**	**1.9**	**(0-20)**	**SW846 8260B**
Trichloroethene	**77**	**(70 - 130)**			**SW846 8260B**
	81	**(70 - 130)**	**4.6**	**(0-20)**	**SW846 8260B**
Vinyl chloride	**75**	**(51 - 133)**			**SW846 8260B**
	80	**(51 - 133)**	**6.3**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
	92	(64 - 124)
Toluene-d8	105	(80 - 120)
	106	(80 - 120)
4-Bromofluorobenzene	104	(75 - 120)
	104	(75 - 120)
Dibromofluoromethane	89	(80 - 120)
	89	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L9F251CJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K020542-001 L9F251CK-MSD
Date Sampled...: 11/02/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0311028
Leach Date.....: 11/03/10 **Prep Date.....:** 11/07/10 **Analysis Date..:** 11/07/10
Leach Batch #..: P030701 **Prep Batch #...:** 0311062 **Analysis Time..:** 13:08
Dilution Factor: 4

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**1.60**	**1.18**	**mg/L**	**74 a**		**SW846 8260B**
	ND	**1.60**	**1.23**	**mg/L**	**77**	**4.1**	**SW846 8260B**
2-Butanone	**ND**	**1.60**	**1.89**	**mg/L**	**118**		**SW846 8260B**
	ND	**1.60**	**1.92**	**mg/L**	**120**	**1.2**	**SW846 8260B**
Carbon tetrachloride	**ND**	**1.60**	**1.23**	**mg/L**	**77**		**SW846 8260B**
	ND	**1.60**	**1.29**	**mg/L**	**81**	**5.1**	**SW846 8260B**
Chlorobenzene	**ND**	**1.60**	**1.46**	**mg/L**	**92**		**SW846 8260B**
	ND	**1.60**	**1.51**	**mg/L**	**94**	**3.2**	**SW846 8260B**
Chloroform	**ND**	**1.60**	**1.31**	**mg/L**	**82**		**SW846 8260B**
	ND	**1.60**	**1.36**	**mg/L**	**85**	**3.5**	**SW846 8260B**
1,2-Dichloroethane	**ND**	**1.60**	**1.37**	**mg/L**	**85**		**SW846 8260B**
	ND	**1.60**	**1.40**	**mg/L**	**87**	**2.3**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**1.60**	**1.19**	**mg/L**	**74**		**SW846 8260B**
	ND	**1.60**	**1.24**	**mg/L**	**77**	**3.8**	**SW846 8260B**
Tetrachloroethene	**ND**	**1.60**	**1.70**	**mg/L**	**106**		**SW846 8260B**
	ND	**1.60**	**1.73**	**mg/L**	**108**	**1.9**	**SW846 8260B**
Trichloroethene	**ND**	**1.60**	**1.24**	**mg/L**	**77**		**SW846 8260B**
	ND	**1.60**	**1.30**	**mg/L**	**81**	**4.6**	**SW846 8260B**
Vinyl chloride	**ND**	**1.60**	**1.20**	**mg/L**	**75**		**SW846 8260B**
	ND	**1.60**	**1.27**	**mg/L**	**80**	**6.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
	92	(64 - 124)
Toluene-d8	105	(80 - 120)
	106	(80 - 120)
4-Bromofluorobenzene	104	(75 - 120)
	104	(75 - 120)
Dibromofluoromethane	89	(80 - 120)
	89	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L9FFT1A0-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K020496-009 L9FFT1A1-MSD
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0316177
Leach Date.....: 11/03/10 **Prep Date.....:** 11/12/10 **Analysis Date..:** 11/12/10
Leach Batch #..: P030701 **Prep Batch #...:** 0316267 **Analysis Time..:** 10:13
Dilution Factor: 4

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**95**	**(76 - 120)**			**SW846 8260B**
	96	**(76 - 120)**	**1.9**	**(0-20)**	**SW846 8260B**
2-Butanone	**85**	**(10 - 150)**			**SW846 8260B**
	85	**(10 - 150)**	**0.29**	**(0-34)**	**SW846 8260B**
Carbon tetrachloride	**94**	**(67 - 136)**			**SW846 8260B**
	98	**(67 - 136)**	**4.8**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**98**	**(78 - 118)**			**SW846 8260B**
	101	**(78 - 118)**	**2.4**	**(0-20)**	**SW846 8260B**
Chloroform	**101**	**(72 - 124)**			**SW846 8260B**
	104	**(72 - 124)**	**3.0**	**(0-20)**	**SW846 8260B**
1,2-Dichloroethane	**94**	**(67 - 132)**			**SW846 8260B**
	96	**(67 - 132)**	**2.2**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(65 - 130)**			**SW846 8260B**
	99	**(65 - 130)**	**4.4**	**(0-20)**	**SW846 8260B**
Tetrachloroethene	**113**	**(70 - 130)**			**SW846 8260B**
	117	**(70 - 130)**	**4.1**	**(0-20)**	**SW846 8260B**
Trichloroethene	**97**	**(70 - 130)**			**SW846 8260B**
	100	**(70 - 130)**	**2.9**	**(0-20)**	**SW846 8260B**
Vinyl chloride	**103**	**(51 - 133)**			**SW846 8260B**
	108	**(51 - 133)**	**5.2**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
	89	(64 - 124)
Toluene-d8	105	(80 - 120)
	101	(80 - 120)
4-Bromofluorobenzene	98	(75 - 120)
	97	(75 - 120)
Dibromofluoromethane	101	(80 - 120)
	96	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K020496 **Work Order #...:** L9FFT1A0-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K020496-009 L9FFT1A1-MSD
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0316177
Leach Date.....: 11/03/10 **Prep Date.....:** 11/12/10 **Analysis Date..:** 11/12/10
Leach Batch #..: P030701 **Prep Batch #...:** 0316267 **Analysis Time..:** 10:13
Dilution Factor: 4

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**1.60**	**1.51**	**mg/L**	**95**		**SW846 8260B**
	ND	**1.60**	**1.54**	**mg/L**	**96**	**1.9**	**SW846 8260B**
2-Butanone	**ND**	**1.60**	**1.36**	**mg/L**	**85**		**SW846 8260B**
	ND	**1.60**	**1.36**	**mg/L**	**85**	**0.29**	**SW846 8260B**
Carbon tetrachloride	**ND**	**1.60**	**1.50**	**mg/L**	**94**		**SW846 8260B**
	ND	**1.60**	**1.57**	**mg/L**	**98**	**4.8**	**SW846 8260B**
Chlorobenzene	**ND**	**1.60**	**1.57**	**mg/L**	**98**		**SW846 8260B**
	ND	**1.60**	**1.61**	**mg/L**	**101**	**2.4**	**SW846 8260B**
Chloroform	**ND**	**1.60**	**1.62**	**mg/L**	**101**		**SW846 8260B**
	ND	**1.60**	**1.67**	**mg/L**	**104**	**3.0**	**SW846 8260B**
1,2-Dichloroethane	**ND**	**1.60**	**1.51**	**mg/L**	**94**		**SW846 8260B**
	ND	**1.60**	**1.54**	**mg/L**	**96**	**2.2**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**1.60**	**1.51**	**mg/L**	**94**		**SW846 8260B**
	ND	**1.60**	**1.58**	**mg/L**	**99**	**4.4**	**SW846 8260B**
Tetrachloroethene	**ND**	**1.60**	**1.80**	**mg/L**	**113**		**SW846 8260B**
	ND	**1.60**	**1.88**	**mg/L**	**117**	**4.1**	**SW846 8260B**
Trichloroethene	**ND**	**1.60**	**1.55**	**mg/L**	**97**		**SW846 8260B**
	ND	**1.60**	**1.59**	**mg/L**	**100**	**2.9**	**SW846 8260B**
Vinyl chloride	**ND**	**1.60**	**1.65**	**mg/L**	**103**		**SW846 8260B**
	ND	**1.60**	**1.74**	**mg/L**	**108**	**5.2**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
	89	(64 - 124)
Toluene-d8	105	(80 - 120)
	101	(80 - 120)
4-Bromofluorobenzene	98	(75 - 120)
	97	(75 - 120)
Dibromofluoromethane	101	(80 - 120)
	96	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-26-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-001 **Work Order #...:** L9FE61AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 23:01
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	75	(39 - 115)
2-Fluorobiphenyl	77	(35 - 115)
Terphenyl-d14	83	(30 - 143)
2-Fluorophenol	75	(20 - 110)
Phenol-d5	74	(30 - 118)
2,4,6-Tribromophenol	79	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-27-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-002 **Work Order #...:** L9FFG1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 23:19
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(39 - 115)
2-Fluorobiphenyl	80	(35 - 115)
Terphenyl-d14	88	(30 - 143)
2-Fluorophenol	79	(20 - 110)
Phenol-d5	77	(30 - 118)
2,4,6-Tribromophenol	90	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-28-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-003 **Work Order #...:** L9FFH1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 16:05
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(39 - 115)
2-Fluorobiphenyl	89	(35 - 115)
Terphenyl-d14	92	(30 - 143)
2-Fluorophenol	86	(20 - 110)
Phenol-d5	87	(30 - 118)
2,4,6-Tribromophenol	106	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-29-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-004 **Work Order #...:** L9FFJ1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 16:24
Dilution Factor: 1
% Moisture.....: 68 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(39 - 115)
2-Fluorobiphenyl	93	(35 - 115)
Terphenyl-d14	113	(30 - 143)
2-Fluorophenol	86	(20 - 110)
Phenol-d5	87	(30 - 118)
2,4,6-Tribromophenol	110	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-30-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-005 **Work Order #...:** L9FFK1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 16:43
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(39 - 115)
2-Fluorobiphenyl	91	(35 - 115)
Terphenyl-d14	116	(30 - 143)
2-Fluorophenol	85	(20 - 110)
Phenol-d5	86	(30 - 118)
2,4,6-Tribromophenol	111	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-31-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-006 **Work Order #...:** L9FFP1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 17:01
Dilution Factor: 1
% Moisture.....: 34 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(39 - 115)
2-Fluorobiphenyl	94	(35 - 115)
Terphenyl-d14	129	(30 - 143)
2-Fluorophenol	89	(20 - 110)
Phenol-d5	92	(30 - 118)
2,4,6-Tribromophenol	118	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-32-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-007 **Work Order #...:** L9FFQ1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 17:19
Dilution Factor: 1
% Moisture.....: 31 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(39 - 115)
2-Fluorobiphenyl	92	(35 - 115)
Terphenyl-d14	122	(30 - 143)
2-Fluorophenol	81	(20 - 110)
Phenol-d5	82	(30 - 118)
2,4,6-Tribromophenol	104	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-33-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-008 **Work Order #...:** L9FFR1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 17:38
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	80	(39 - 115)
2-Fluorobiphenyl	90	(35 - 115)
Terphenyl-d14	114	(30 - 143)
2-Fluorophenol	83	(20 - 110)
Phenol-d5	84	(30 - 118)
2,4,6-Tribromophenol	116	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-34-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-009 **Work Order #...:** L9FFT1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 17:56
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(39 - 115)
2-Fluorobiphenyl	101	(35 - 115)
Terphenyl-d14	102	(30 - 143)
2-Fluorophenol	89	(20 - 110)
Phenol-d5	93	(30 - 118)
2,4,6-Tribromophenol	129	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-35-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-010 **Work Order #...:** L9FFV1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 18:14
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(39 - 115)
2-Fluorobiphenyl	100	(35 - 115)
Terphenyl-d14	119	(30 - 143)
2-Fluorophenol	92	(20 - 110)
Phenol-d5	94	(30 - 118)
2,4,6-Tribromophenol	123	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-36-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-011	**Work Order #...:** L9FFW1AF	**Matrix.....:** SOLID
Date Sampled...: 11/01/10	**Date Received..:** 11/02/10	**MS Run #.....:**
Leach Date.....: 11/09/10	**Prep Date.....:** 11/09/10	**Analysis Date..:** 11/11/10
Leach Batch #..: P031210	**Prep Batch #...:** 0313351	**Analysis Time..:** 18:33
Dilution Factor: 1		
% Moisture.....: 20	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	**0.0047 J**	**0.050**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(39 - 115)
2-Fluorobiphenyl	96	(35 - 115)
Terphenyl-d14	91	(30 - 143)
2-Fluorophenol	84	(20 - 110)
Phenol-d5	87	(30 - 118)
2,4,6-Tribromophenol	114	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-37-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-012 **Work Order #...:** L9FFX1AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 18:51
Dilution Factor: 1
% Moisture.....: 21 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	**0.062**	**0.050**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	96	(39 - 115)
2-Fluorobiphenyl	103	(35 - 115)
Terphenyl-d14	112	(30 - 143)
2-Fluorophenol	95	(20 - 110)
Phenol-d5	98	(30 - 118)
2,4,6-Tribromophenol	127	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-38-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-013 **Work Order #...:** L9FF01AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 19:09
Dilution Factor: 1
% Moisture.....: 36 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(39 - 115)
2-Fluorobiphenyl	88	(35 - 115)
Terphenyl-d14	94	(30 - 143)
2-Fluorophenol	79	(20 - 110)
Phenol-d5	82	(30 - 118)
2,4,6-Tribromophenol	110	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-39-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-014 **Work Order #...:** L9FF11AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 19:28
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(39 - 115)
2-Fluorobiphenyl	96	(35 - 115)
Terphenyl-d14	83	(30 - 143)
2-Fluorophenol	83	(20 - 110)
Phenol-d5	84	(30 - 118)
2,4,6-Tribromophenol	114	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-40-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-015 **Work Order #...:** L9FF21AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 19:46
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	80	(39 - 115)
2-Fluorobiphenyl	93	(35 - 115)
Terphenyl-d14	98	(30 - 143)
2-Fluorophenol	82	(20 - 110)
Phenol-d5	80	(30 - 118)
2,4,6-Tribromophenol	119	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-41-110110

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K020496-016 **Work Order #...:** L9FF31AF **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313351 **Analysis Time..:** 20:04
Dilution Factor: 1
% Moisture.....: 26 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78	(39 - 115)
2-Fluorobiphenyl	84	(35 - 115)
Terphenyl-d14	94	(30 - 143)
2-Fluorophenol	80	(20 - 110)
Phenol-d5	81	(30 - 118)
2,4,6-Tribromophenol	107	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAC1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K090000-351

Prep Date.....: 11/09/10 **Analysis Time..:** 12:38
Analysis Date..: 11/10/10 **Prep Batch #...:** 0313351
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(39 - 115)
2-Fluorobiphenyl	75	(35 - 115)
Terphenyl-d14	84	(30 - 143)
2-Fluorophenol	78	(20 - 110)
Phenol-d5	80	(30 - 118)
2,4,6-Tribromophenol	83	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAC1AE **Matrix.....:** SOLID
MB Lot-Sample #: C0K090000-351
Prep Date.....: 11/09/10 **Analysis Time..:** 12:56
Analysis Date..: 11/10/10 **Prep Batch #...:** 0313351
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(39 - 115)
2-Fluorobiphenyl	78	(35 - 115)
Terphenyl-d14	90	(30 - 143)
2-Fluorophenol	78	(20 - 110)
Phenol-d5	82	(30 - 118)
2,4,6-Tribromophenol	86	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAC1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-351 L9RAC1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/10/10
Prep Batch #...: 0313351 **Analysis Time..:** 13:15
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	**72**	**(37 - 115)**			**SW846 8270C**
	75	**(37 - 115)**	**3.8**	**(0-35)**	**SW846 8270C**
2,4-Dinitrotoluene	**61**	**(40 - 115)**			**SW846 8270C**
	64	**(40 - 115)**	**4.7**	**(0-42)**	**SW846 8270C**
Hexachlorobenzene	**69**	**(45 - 115)**			**SW846 8270C**
	70	**(45 - 115)**	**1.4**	**(0-22)**	**SW846 8270C**
Hexachlorobutadiene	**70**	**(42 - 115)**			**SW846 8270C**
	73	**(42 - 115)**	**3.8**	**(0-28)**	**SW846 8270C**
Hexachloroethane	**73**	**(25 - 106)**			**SW846 8270C**
	75	**(25 - 106)**	**2.4**	**(0-38)**	**SW846 8270C**
Nitrobenzene	**74**	**(40 - 115)**			**SW846 8270C**
	77	**(40 - 115)**	**3.9**	**(0-26)**	**SW846 8270C**
Pentachlorophenol	**69**	**(16 - 140)**			**SW846 8270C**
	64	**(16 - 140)**	**8.3**	**(0-40)**	**SW846 8270C**
Pyridine	**73**	**(22 - 105)**			**SW846 8270C**
	72	**(22 - 105)**	**0.86**	**(0-40)**	**SW846 8270C**
2,4,5-Trichloro-phenol	**69**	**(35 - 115)**			**SW846 8270C**
	69	**(35 - 115)**	**0.36**	**(0-40)**	**SW846 8270C**
2,4,6-Trichloro-phenol	**68**	**(40 - 115)**			**SW846 8270C**
	66	**(40 - 115)**	**3.4**	**(0-37)**	**SW846 8270C**
Cresols (total)	**77**	**(29 - 144)**			**SW846 8270C**
	82	**(29 - 144)**	**6.1**	**(0-33)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(39 - 115)
	78	(39 - 115)
2-Fluorobiphenyl	81	(35 - 115)
	82	(35 - 115)
Terphenyl-d14	90	(30 - 143)
	91	(30 - 143)
2-Fluorophenol	82	(20 - 110)
	85	(20 - 110)
Phenol-d5	85	(30 - 118)
	87	(30 - 118)
2,4,6-Tribromophenol	97	(19 - 138)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAC1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-351 L9RAC1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	93	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAC1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-351 L9RAC1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/10/10
Prep Batch #...: 0313351 **Analysis Time..:** 13:15
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	**0.250**	**0.181**	**mg/L**	**72**		**SW846 8270C**
	0.250	**0.188**	**mg/L**	**75**	**3.8**	**SW846 8270C**
2,4-Dinitrotoluene	**0.250**	**0.152**	**mg/L**	**61**		**SW846 8270C**
	0.250	**0.159**	**mg/L**	**64**	**4.7**	**SW846 8270C**
Hexachlorobenzene	**0.250**	**0.174**	**mg/L**	**69**		**SW846 8270C**
	0.250	**0.176**	**mg/L**	**70**	**1.4**	**SW846 8270C**
Hexachlorobutadiene	**0.250**	**0.176**	**mg/L**	**70**		**SW846 8270C**
	0.250	**0.183**	**mg/L**	**73**	**3.8**	**SW846 8270C**
Hexachloroethane	**0.250**	**0.183**	**mg/L**	**73**		**SW846 8270C**
	0.250	**0.188**	**mg/L**	**75**	**2.4**	**SW846 8270C**
Nitrobenzene	**0.250**	**0.184**	**mg/L**	**74**		**SW846 8270C**
	0.250	**0.192**	**mg/L**	**77**	**3.9**	**SW846 8270C**
Pentachlorophenol	**0.250**	**0.173**	**mg/L**	**69**		**SW846 8270C**
	0.250	**0.160**	**mg/L**	**64**	**8.3**	**SW846 8270C**
Pyridine	**0.250**	**0.182**	**mg/L**	**73**		**SW846 8270C**
	0.250	**0.180**	**mg/L**	**72**	**0.86**	**SW846 8270C**
2,4,5-Trichloro-phenol	**0.250**	**0.172**	**mg/L**	**69**		**SW846 8270C**
	0.250	**0.172**	**mg/L**	**69**	**0.36**	**SW846 8270C**
2,4,6-Trichloro-phenol	**0.250**	**0.170**	**mg/L**	**68**		**SW846 8270C**
	0.250	**0.165**	**mg/L**	**66**	**3.4**	**SW846 8270C**
Cresols (total)	**0.750**	**0.580**	**mg/L**	**77**		**SW846 8270C**
	0.750	**0.616**	**mg/L**	**82**	**6.1**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(39 - 115)
	78	(39 - 115)
2-Fluorobiphenyl	81	(35 - 115)
	82	(35 - 115)
Terphenyl-d14	90	(30 - 143)
	91	(30 - 143)
2-Fluorophenol	82	(20 - 110)
	85	(20 - 110)
Phenol-d5	85	(30 - 118)
	87	(30 - 118)
2,4,6-Tribromophenol	97	(19 - 138)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAC1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-351 L9RAC1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	93	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-26-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-001 **Work Order #...:** L9FE61AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 19:42
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	100	(45 - 140)
Tetrachloro-m-xylene	103	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-27-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-002 **Work Order #...:** L9FFG1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 20:12
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	100	(45 - 140)
Tetrachloro-m-xylene	100	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-28-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-003 **Work Order #...:** L9FFH1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 20:43
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(45 - 140)
Tetrachloro-m-xylene	103	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-29-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-004 **Work Order #...:** L9FFJ1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 21:14
Dilution Factor: 1
% Moisture.....: 68 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(45 - 140)
Tetrachloro-m-xylene	100	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-30-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-005 **Work Order #...:** L9FFK1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 21:45
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	101	(45 - 140)
Tetrachloro-m-xylene	102	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-31-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-006 **Work Order #...:** L9FFP1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 22:15
Dilution Factor: 1
% Moisture.....: 34 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	99	(45 - 140)
Tetrachloro-m-xylene	103	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-32-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-007 **Work Order #...:** L9FFQ1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 22:46
Dilution Factor: 1
% Moisture.....: 31 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	100	(45 - 140)
Tetrachloro-m-xylene	101	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-33-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-008 **Work Order #...:** L9FFR1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 23:17
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-34-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-009 **Work Order #...:** L9FFT1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 23:47
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-35-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-010 **Work Order #...:** L9FFV1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 00:18
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(45 - 140)
Tetrachloro-m-xylene	106	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-36-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-011 **Work Order #...:** L9FFW1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 00:49
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-37-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-012 **Work Order #...:** L9FFX1AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 01:20
Dilution Factor: 1
% Moisture.....: 21 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(45 - 140)
Tetrachloro-m-xylene	105	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-38-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-013 **Work Order #...:** L9FF01AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 01:50
Dilution Factor: 1
% Moisture.....: 36 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-39-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-014 **Work Order #...:** L9FF11AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 02:21
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(45 - 140)
Tetrachloro-m-xylene	107	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-40-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-015 **Work Order #...:** L9FF21AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 02:52
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(45 - 140)
Tetrachloro-m-xylene	104	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-41-110110

TCLP GC Semivolatiles

Lot-Sample #...: C0K020496-016 **Work Order #...:** L9FF31AX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031210 **Prep Batch #...:** 0313365 **Analysis Time..:** 03:23
Dilution Factor: 1
% Moisture.....: 26 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	104	(45 - 140)
Tetrachloro-m-xylene	106	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAV1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K090000-365
Prep Date.....: 11/09/10 **Analysis Time..:** 04:24
Analysis Date..: 11/11/10 **Prep Batch #...:** 0313365
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(45 - 140)
Tetrachloro-m-xylene	106	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAV1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-365 L9RAV1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0313365 **Analysis Time..:** 04:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Endrin	**121**	**(46 - 137)**			**SW846 8081A**
	123	**(46 - 137)**	**2.1**	**(0-40)**	**SW846 8081A**
Heptachlor	**106**	**(57 - 124)**			**SW846 8081A**
	106	**(57 - 124)**	**0.75**	**(0-32)**	**SW846 8081A**
Heptachlor epoxide	**112**	**(53 - 135)**			**SW846 8081A**
	114	**(53 - 135)**	**1.6**	**(0-31)**	**SW846 8081A**
Lindane	**102**	**(55 - 137)**			**SW846 8081A**
	104	**(55 - 137)**	**1.7**	**(0-22)**	**SW846 8081A**
Methoxychlor	**88**	**(30 - 150)**			**SW846 8081A**
	89	**(30 - 150)**	**1.0**	**(0-29)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	104	(45 - 140)
	104	(45 - 140)
Tetrachloro-m-xylene	107	(45 - 140)
	106	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9RAV1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-365 L9RAV1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0313365 **Analysis Time..:** 04:55
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Endrin	**0.0100**	**0.0121**	**mg/L**	**121**		**SW846 8081A**
	0.0100	**0.0123**	**mg/L**	**123**	**2.1**	**SW846 8081A**
Heptachlor	**0.0100**	**0.0106**	**mg/L**	**106**		**SW846 8081A**
	0.0100	**0.0106**	**mg/L**	**106**	**0.75**	**SW846 8081A**
Heptachlor epoxide	**0.0100**	**0.0112**	**mg/L**	**112**		**SW846 8081A**
	0.0100	**0.0114**	**mg/L**	**114**	**1.6**	**SW846 8081A**
Lindane	**0.0100**	**0.0102**	**mg/L**	**102**		**SW846 8081A**
	0.0100	**0.0104**	**mg/L**	**104**	**1.7**	**SW846 8081A**
Methoxychlor	**0.0100**	**0.00878**	**mg/L**	**88**		**SW846 8081A**
	0.0100	**0.00887**	**mg/L**	**89**	**1.0**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	104	(45 - 140)
	104	(45 - 140)
Tetrachloro-m-xylene	107	(45 - 140)
	106	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-26-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-001 **Work Order #...:** L9FE61AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/15/10
Prep Batch #...: 0308061 **Analysis Time..:** 00:40
Dilution Factor: 0.98
% Moisture.....: 25 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	22	ug/kg
Aroclor 1221	ND	22	ug/kg
Aroclor 1232	ND	22	ug/kg
Aroclor 1242	ND	22	ug/kg
Aroclor 1248	**57**	**22**	**ug/kg**
Aroclor 1254	ND	22	ug/kg
Aroclor 1260	ND	22	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(35 - 140)
Decachlorobiphenyl	77	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-27-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-002 **Work Order #...:** L9FFG1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 02:06
Dilution Factor: 1
% Moisture.....: 24 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	22	ug/kg
Aroclor 1221	ND	22	ug/kg
Aroclor 1232	ND	22	ug/kg
Aroclor 1242	ND	22	ug/kg
Aroclor 1248	ND	22	ug/kg
Aroclor 1254	ND	22	ug/kg
Aroclor 1260	ND	22	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(35 - 140)
Decachlorobiphenyl	70	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-28-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-003 **Work Order #...:** L9FFH1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 02:35
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	22	ug/kg
Aroclor 1221	ND	22	ug/kg
Aroclor 1232	ND	22	ug/kg
Aroclor 1242	ND	22	ug/kg
Aroclor 1248	ND	22	ug/kg
Aroclor 1254	ND	22	ug/kg
Aroclor 1260	ND	22	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(35 - 140)
Decachlorobiphenyl	69	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-29-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-004 **Work Order #...:** L9FFJ1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 03:03
Dilution Factor: 0.97
% Moisture.....: 68 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	50	ug/kg
Aroclor 1221	ND	50	ug/kg
Aroclor 1232	ND	50	ug/kg
Aroclor 1242	ND	50	ug/kg
Aroclor 1248	ND	50	ug/kg
Aroclor 1254	ND	50	ug/kg
Aroclor 1260	ND	50	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(35 - 140)
Decachlorobiphenyl	70	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-30-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-005 **Work Order #...:** L9FFK1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 03:32
Dilution Factor: 0.99
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	19	ug/kg
Aroclor 1221	ND	19	ug/kg
Aroclor 1232	ND	19	ug/kg
Aroclor 1242	ND	19	ug/kg
Aroclor 1248	ND	19	ug/kg
Aroclor 1254	ND	19	ug/kg
Aroclor 1260	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(35 - 140)
Decachlorobiphenyl	68	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-31-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-006 **Work Order #...:** L9FFP1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 04:01
Dilution Factor: 1
% Moisture.....: 34 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	25	ug/kg
Aroclor 1221	ND	25	ug/kg
Aroclor 1232	ND	25	ug/kg
Aroclor 1242	ND	25	ug/kg
Aroclor 1248	**28**	**25**	**ug/kg**
Aroclor 1254	ND	25	ug/kg
Aroclor 1260	ND	25	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(35 - 140)
Decachlorobiphenyl	70	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-32-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-007 **Work Order #...:** L9FFQ1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 04:30
Dilution Factor: 0.99
% Moisture.....: 31 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	24	ug/kg
Aroclor 1221	ND	24	ug/kg
Aroclor 1232	ND	24	ug/kg
Aroclor 1242	ND	24	ug/kg
Aroclor 1248	ND	24	ug/kg
Aroclor 1254	ND	24	ug/kg
Aroclor 1260	ND	24	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(35 - 140)
Decachlorobiphenyl	77	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-33-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-008 **Work Order #...:** L9FFR1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 04:59
Dilution Factor: 0.98
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(35 - 140)
Decachlorobiphenyl	74	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-34-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-009 **Work Order #...:** L9FFT1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 05:28
Dilution Factor: 0.98
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(35 - 140)
Decachlorobiphenyl	78	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-35-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-010 **Work Order #...:** L9FFV1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 05:57
Dilution Factor: 1
% Moisture.....: 19 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	21	ug/kg
Aroclor 1221	ND	21	ug/kg
Aroclor 1232	ND	21	ug/kg
Aroclor 1242	ND	21	ug/kg
Aroclor 1248	ND	21	ug/kg
Aroclor 1254	ND	21	ug/kg
Aroclor 1260	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(35 - 140)
Decachlorobiphenyl	73	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-36-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-011 **Work Order #...:** L9FFW1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 06:26
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	21	ug/kg
Aroclor 1221	ND	21	ug/kg
Aroclor 1232	ND	21	ug/kg
Aroclor 1242	ND	21	ug/kg
Aroclor 1248	ND	21	ug/kg
Aroclor 1254	ND	21	ug/kg
Aroclor 1260	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(35 - 140)
Decachlorobiphenyl	78	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-37-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-012 **Work Order #...:** L9FFX1AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 06:55
Dilution Factor: 0.97
% Moisture.....: 21 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(35 - 140)
Decachlorobiphenyl	70	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-38-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-013 **Work Order #...:** L9FF01AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 07:23
Dilution Factor: 0.99
% Moisture.....: 36 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	26	ug/kg
Aroclor 1221	ND	26	ug/kg
Aroclor 1232	ND	26	ug/kg
Aroclor 1242	ND	26	ug/kg
Aroclor 1248	ND	26	ug/kg
Aroclor 1254	ND	26	ug/kg
Aroclor 1260	ND	26	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(35 - 140)
Decachlorobiphenyl	79	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-39-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-014 **Work Order #...:** L9FF11AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 07:53
Dilution Factor: 0.99
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	21	ug/kg
Aroclor 1221	ND	21	ug/kg
Aroclor 1232	ND	21	ug/kg
Aroclor 1242	ND	21	ug/kg
Aroclor 1248	ND	21	ug/kg
Aroclor 1254	ND	21	ug/kg
Aroclor 1260	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(35 - 140)
Decachlorobiphenyl	66	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-40-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-015 **Work Order #...:** L9FF21AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 08:21
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	21	ug/kg
Aroclor 1221	ND	21	ug/kg
Aroclor 1232	ND	21	ug/kg
Aroclor 1242	ND	21	ug/kg
Aroclor 1248	ND	21	ug/kg
Aroclor 1254	ND	21	ug/kg
Aroclor 1260	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(35 - 140)
Decachlorobiphenyl	0.0	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-41-110110

GC Semivolatiles

Lot-Sample #...: C0K020496-016 **Work Order #...:** L9FF31AW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 08:50
Dilution Factor: 0.98
% Moisture.....: 26 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	22	ug/kg
Aroclor 1221	ND	22	ug/kg
Aroclor 1232	ND	22	ug/kg
Aroclor 1242	ND	22	ug/kg
Aroclor 1248	ND	22	ug/kg
Aroclor 1254	ND	22	ug/kg
Aroclor 1260	ND	22	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(35 - 140)
Decachlorobiphenyl	56	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9HXJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K040000-061

Prep Date.....: 11/04/10 **Analysis Time..:** 09:19
Analysis Date..: 11/16/10 **Prep Batch #...:** 0308061
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8082
Aroclor 1221	ND	17	ug/kg	SW846 8082
Aroclor 1232	ND	17	ug/kg	SW846 8082
Aroclor 1242	ND	17	ug/kg	SW846 8082
Aroclor 1248	ND	17	ug/kg	SW846 8082
Aroclor 1254	ND	17	ug/kg	SW846 8082
Aroclor 1260	ND	17	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(35 - 140)
Decachlorobiphenyl	65	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9HXJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K040000-061
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 09:48
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**80**	**(55 - 130)**	**SW846 8082**
Aroclor 1260	**91**	**(54 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(35 - 140)
Decachlorobiphenyl	67	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9HXJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K040000-061
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 09:48
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**1330**	**1060**	**ug/kg**	**80**	**SW846 8082**
Aroclor 1260	**1330**	**1220**	**ug/kg**	**91**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(35 - 140)
Decachlorobiphenyl	67	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9FE61A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K020496-001 L9FE61A3-MSD
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 01:08
Dilution Factor: 0.99 **% Moisture.....:** 25

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**71**	**(55 - 130)**			**SW846 8082**
	73	**(55 - 130)**	**2.2**	**(0-35)**	**SW846 8082**
Aroclor 1260	**91**	**(54 - 130)**			**SW846 8082**
	80	**(54 - 130)**	**13**	**(0-29)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(35 - 140)
	95	(35 - 140)
Decachlorobiphenyl	72	(35 - 140)
	73	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K020496 **Work Order #...:** L9FE61A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K020496-001 L9FE61A3-MSD
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10 **MS Run #.....:** 0308037
Prep Date.....: 11/04/10 **Analysis Date..:** 11/16/10
Prep Batch #...: 0308061 **Analysis Time..:** 01:08
Dilution Factor: 0.99 **% Moisture.....:** 25

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**1770**	**1250**	**ug/kg**	**71**		**SW846 8082**
	ND	**1750**	**1280**	**ug/kg**	**73**	**2.2**	**SW846 8082**
Aroclor 1260	**ND**	**1770**	**1610**	**ug/kg**	**91**		**SW846 8082**
	ND	**1750**	**1410**	**ug/kg**	**80**	**13**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(35 - 140)
	95	(35 - 140)
Decachlorobiphenyl	72	(35 - 140)
	73	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-26-110110

TCLP Metals

Lot-Sample #...: C0K020496-001 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.0036 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FE61AH**
		Dilution Factor: 1		Analysis Time..: 10:46	MS Run #.....: 0313214	
Barium	**0.051 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FE61AJ**
		Dilution Factor: 1		Analysis Time..: 10:46	MS Run #.....: 0313214	
Cadmium	**0.00086 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FE61AK**
		Dilution Factor: 1		Analysis Time..: 10:46	MS Run #.....: 0313214	
Chromium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FE61AL
		Dilution Factor: 1		Analysis Time..: 10:46	MS Run #.....: 0313214	
Lead	**1.0**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FE61AM**
		Dilution Factor: 1		Analysis Time..: 10:46	MS Run #.....: 0313214	
Selenium	**0.012 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FE61AN**
		Dilution Factor: 1		Analysis Time..: 10:46	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FE61AP
		Dilution Factor: 1		Analysis Time..: 10:46	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FE61AQ
		Dilution Factor: 1		Analysis Time..: 08:15	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-27-110110

TCLP Metals

Lot-Sample #...: C0K020496-002 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFG1AH
		Dilution Factor: 1		Analysis Time..: 11:52	MS Run #.....: 0313214	
Barium	**0.33**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFG1AJ**
		Dilution Factor: 1		Analysis Time..: 11:52	MS Run #.....: 0313214	
Cadmium	**0.0028 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFG1AK**
		Dilution Factor: 1		Analysis Time..: 11:52	MS Run #.....: 0313214	
Chromium	**0.0054 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFG1AL**
		Dilution Factor: 1		Analysis Time..: 11:52	MS Run #.....: 0313214	
Lead	**0.0070 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFG1AM**
		Dilution Factor: 1		Analysis Time..: 11:52	MS Run #.....: 0313214	
Selenium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFG1AN
		Dilution Factor: 1		Analysis Time..: 11:52	MS Run #.....: 0313214	
Silver	**0.0014 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFG1AP**
		Dilution Factor: 1		Analysis Time..: 11:52	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFG1AQ
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-28-110110

TCLP Metals

Lot-Sample #...: C0K020496-003 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.0031 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFH1AH**
		Dilution Factor: 1		Analysis Time..: 12:14	MS Run #.....: 0313214	
Barium	**0.16 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFH1AJ**
		Dilution Factor: 1		Analysis Time..: 12:14	MS Run #.....: 0313214	
Cadmium	**0.0015 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFH1AK**
		Dilution Factor: 1		Analysis Time..: 12:14	MS Run #.....: 0313214	
Chromium	**0.0042 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFH1AL**
		Dilution Factor: 1		Analysis Time..: 12:14	MS Run #.....: 0313214	
Lead	**0.024 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFH1AM**
		Dilution Factor: 1		Analysis Time..: 12:14	MS Run #.....: 0313214	
Selenium	**0.0083 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFH1AN**
		Dilution Factor: 1		Analysis Time..: 12:14	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFH1AP
		Dilution Factor: 1		Analysis Time..: 12:14	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFH1AQ
		Dilution Factor: 1		Analysis Time..: 08:25	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-29-110110

TCLP Metals

Lot-Sample #...: C0K020496-004 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFJ1AH
		Dilution Factor: 1		Analysis Time..: 12:19	MS Run #.....: 0313214	
Barium	**0.063 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFJ1AJ**
		Dilution Factor: 1		Analysis Time..: 12:19	MS Run #.....: 0313214	
Cadmium	**0.00051 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFJ1AK**
		Dilution Factor: 1		Analysis Time..: 12:19	MS Run #.....: 0313214	
Chromium	**0.0033 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFJ1AL**
		Dilution Factor: 1		Analysis Time..: 12:19	MS Run #.....: 0313214	
Lead	**0.011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFJ1AM**
		Dilution Factor: 1		Analysis Time..: 12:19	MS Run #.....: 0313214	
Selenium	**0.0080 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFJ1AN**
		Dilution Factor: 1		Analysis Time..: 12:19	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFJ1AP
		Dilution Factor: 1		Analysis Time..: 12:19	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFJ1AQ
		Dilution Factor: 1		Analysis Time..: 08:27	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-30-110110

TCLP Metals

Lot-Sample #...: C0K020496-005 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.0032 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFK1AH**
		Dilution Factor: 1		Analysis Time..: 12:25	MS Run #.....: 0313214	
Barium	**0.055 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFK1AJ**
		Dilution Factor: 1		Analysis Time..: 12:25	MS Run #.....: 0313214	
Cadmium	**0.00067 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFK1AK**
		Dilution Factor: 1		Analysis Time..: 12:25	MS Run #.....: 0313214	
Chromium	**0.0029 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFK1AL**
		Dilution Factor: 1		Analysis Time..: 12:25	MS Run #.....: 0313214	
Lead	**0.019 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFK1AM**
		Dilution Factor: 1		Analysis Time..: 12:25	MS Run #.....: 0313214	
Selenium	**0.0072 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFK1AN**
		Dilution Factor: 1		Analysis Time..: 12:25	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFK1AP
		Dilution Factor: 1		Analysis Time..: 12:25	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFK1AQ
		Dilution Factor: 1		Analysis Time..: 08:28	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-31-110110

TCLP Metals

Lot-Sample #...: C0K020496-006 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFP1AH
		Dilution Factor: 1		Analysis Time..: 12:30	MS Run #.....: 0313214	
Barium	**0.018 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFP1AJ**
		Dilution Factor: 1		Analysis Time..: 12:30	MS Run #.....: 0313214	
Cadmium	**0.0013 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFP1AK**
		Dilution Factor: 1		Analysis Time..: 12:30	MS Run #.....: 0313214	
Chromium	**0.0022 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFP1AL**
		Dilution Factor: 1		Analysis Time..: 12:30	MS Run #.....: 0313214	
Lead	**0.054**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFP1AM**
		Dilution Factor: 1		Analysis Time..: 12:30	MS Run #.....: 0313214	
Selenium	**0.0074 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFP1AN**
		Dilution Factor: 1		Analysis Time..: 12:30	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFP1AP
		Dilution Factor: 1		Analysis Time..: 12:30	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFP1AQ
		Dilution Factor: 1		Analysis Time..: 08:30	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-32-110110

TCLP Metals

Lot-Sample #...: C0K020496-007 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFQ1AH
		Dilution Factor: 1		Analysis Time..: 12:35	MS Run #.....: 0313214	
Barium	**0.031 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFQ1AJ**
		Dilution Factor: 1		Analysis Time..: 12:35	MS Run #.....: 0313214	
Cadmium	**0.00046 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFQ1AK**
		Dilution Factor: 1		Analysis Time..: 12:35	MS Run #.....: 0313214	
Chromium	**0.0025 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFQ1AL**
		Dilution Factor: 1		Analysis Time..: 12:35	MS Run #.....: 0313214	
Lead	**0.012 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFQ1AM**
		Dilution Factor: 1		Analysis Time..: 12:35	MS Run #.....: 0313214	
Selenium	**0.0083 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFQ1AN**
		Dilution Factor: 1		Analysis Time..: 12:35	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFQ1AP
		Dilution Factor: 1		Analysis Time..: 12:35	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFQ1AQ
		Dilution Factor: 1		Analysis Time..: 08:32	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-33-110110

TCLP Metals

Lot-Sample #...: C0K020496-008 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.024 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFR1AH**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....: 0313214	
Barium	**0.27**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFR1AJ**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....: 0313214	
Cadmium	**0.0083 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFR1AK**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....: 0313214	
Chromium	**0.11**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFR1AL**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....: 0313214	
Lead	**0.029 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFR1AM**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....: 0313214	
Selenium	**0.0075 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFR1AN**
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFR1AP
		Dilution Factor: 1		Analysis Time..: 12:41	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	**0.000043 B**	**0.00020**	**mg/L**	**SW846 7470A**	**11/10/10**	**L9FFR1AQ**
		Dilution Factor: 1		Analysis Time..: 08:33	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-34-110110

TCLP Metals

Lot-Sample #...: C0K020496-009 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFT1AH
		Dilution Factor: 1		Analysis Time..: 12:46	MS Run #.....: 0313214	
Barium	**0.016 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFT1AJ**
		Dilution Factor: 1		Analysis Time..: 12:46	MS Run #.....: 0313214	
Cadmium	**0.00025 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFT1AK**
		Dilution Factor: 1		Analysis Time..: 12:46	MS Run #.....: 0313214	
Chromium	**0.0010 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFT1AL**
		Dilution Factor: 1		Analysis Time..: 12:46	MS Run #.....: 0313214	
Lead	**0.0028 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFT1AM**
		Dilution Factor: 1		Analysis Time..: 12:46	MS Run #.....: 0313214	
Selenium	**0.0087 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFT1AN**
		Dilution Factor: 1		Analysis Time..: 12:46	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFT1AP
		Dilution Factor: 1		Analysis Time..: 12:46	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFT1AQ
		Dilution Factor: 1		Analysis Time..: 08:35	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-35-110110

TCLP Metals

Lot-Sample #...: C0K020496-010 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFV1AH
		Dilution Factor: 1		Analysis Time..: 12:52	MS Run #.....: 0313214	
Barium	**0.0056 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFV1AJ**
		Dilution Factor: 1		Analysis Time..: 12:52	MS Run #.....: 0313214	
Cadmium	**0.00028 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFV1AK**
		Dilution Factor: 1		Analysis Time..: 12:52	MS Run #.....: 0313214	
Chromium	**0.0018 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFV1AL**
		Dilution Factor: 1		Analysis Time..: 12:52	MS Run #.....: 0313214	
Lead	**0.0037 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFV1AM**
		Dilution Factor: 1		Analysis Time..: 12:52	MS Run #.....: 0313214	
Selenium	**0.0096 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFV1AN**
		Dilution Factor: 1		Analysis Time..: 12:52	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFV1AP
		Dilution Factor: 1		Analysis Time..: 12:52	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFV1AQ
		Dilution Factor: 1		Analysis Time..: 08:40	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-36-110110

TCLP Metals

Lot-Sample #...: C0K020496-011 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.0040 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFW1AH**
		Dilution Factor: 1		Analysis Time..: 12:57	MS Run #.....: 0313214	
Barium	**0.13 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFW1AJ**
		Dilution Factor: 1		Analysis Time..: 12:57	MS Run #.....: 0313214	
Cadmium	**0.0017 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFW1AK**
		Dilution Factor: 1		Analysis Time..: 12:57	MS Run #.....: 0313214	
Chromium	**0.013 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFW1AL**
		Dilution Factor: 1		Analysis Time..: 12:57	MS Run #.....: 0313214	
Lead	**0.035 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFW1AM**
		Dilution Factor: 1		Analysis Time..: 12:57	MS Run #.....: 0313214	
Selenium	**0.0061 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFW1AN**
		Dilution Factor: 1		Analysis Time..: 12:57	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFW1AP
		Dilution Factor: 1		Analysis Time..: 12:57	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFW1AQ
		Dilution Factor: 1		Analysis Time..: 08:42	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-37-110110

TCLP Metals

Lot-Sample #...: C0K020496-012 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.0035 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFX1AH**
		Dilution Factor: 1		Analysis Time..: 13:03	MS Run #.....: 0313214	
Barium	**0.19 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFX1AJ**
		Dilution Factor: 1		Analysis Time..: 13:03	MS Run #.....: 0313214	
Cadmium	**0.0025 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFX1AK**
		Dilution Factor: 1		Analysis Time..: 13:03	MS Run #.....: 0313214	
Chromium	**0.013 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFX1AL**
		Dilution Factor: 1		Analysis Time..: 13:03	MS Run #.....: 0313214	
Lead	**0.030 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFX1AM**
		Dilution Factor: 1		Analysis Time..: 13:03	MS Run #.....: 0313214	
Selenium	**0.0078 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FFX1AN**
		Dilution Factor: 1		Analysis Time..: 13:03	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FFX1AP
		Dilution Factor: 1		Analysis Time..: 13:03	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FFX1AQ
		Dilution Factor: 1		Analysis Time..: 08:44	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-38-110110

TCLP Metals

Lot-Sample #...: C0K020496-013 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.0034 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF01AH**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....: 0313214	
Barium	**0.086 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF01AJ**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....: 0313214	
Cadmium	**0.0031 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF01AK**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....: 0313214	
Chromium	**0.0018 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF01AL**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....: 0313214	
Lead	**0.019 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF01AM**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....: 0313214	
Selenium	**0.015 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF01AN**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FF01AP
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FF01AQ
		Dilution Factor: 1		Analysis Time..: 08:45	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-39-110110

TCLP Metals

Lot-Sample #...: C0K020496-014 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.0047 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF11AH**
		Dilution Factor: 1		Analysis Time..: 11:35	MS Run #.....: 0313214	
Barium	**0.090 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF11AJ**
		Dilution Factor: 1		Analysis Time..: 11:35	MS Run #.....: 0313214	
Cadmium	**0.0014 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF11AK**
		Dilution Factor: 1		Analysis Time..: 11:35	MS Run #.....: 0313214	
Chromium	**0.00086 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF11AL**
		Dilution Factor: 1		Analysis Time..: 11:35	MS Run #.....: 0313214	
Lead	**0.012 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF11AM**
		Dilution Factor: 1		Analysis Time..: 11:35	MS Run #.....: 0313214	
Selenium	**0.012 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF11AN**
		Dilution Factor: 1		Analysis Time..: 11:35	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FF11AP
		Dilution Factor: 1		Analysis Time..: 11:35	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FF11AQ
		Dilution Factor: 1		Analysis Time..: 08:47	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-40-110110

TCLP Metals

Lot-Sample #...: C0K020496-015 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	**0.0046 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF21AH**
		Dilution Factor: 1		Analysis Time..: 11:41	MS Run #.....: 0313214	
Barium	**0.13 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF21AJ**
		Dilution Factor: 1		Analysis Time..: 11:41	MS Run #.....: 0313214	
Cadmium	**0.0013 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF21AK**
		Dilution Factor: 1		Analysis Time..: 11:41	MS Run #.....: 0313214	
Chromium	**0.0050 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF21AL**
		Dilution Factor: 1		Analysis Time..: 11:41	MS Run #.....: 0313214	
Lead	**0.023 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF21AM**
		Dilution Factor: 1		Analysis Time..: 11:41	MS Run #.....: 0313214	
Selenium	**0.0072 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF21AN**
		Dilution Factor: 1		Analysis Time..: 11:41	MS Run #.....: 0313214	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FF21AP
		Dilution Factor: 1		Analysis Time..: 11:41	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FF21AQ
		Dilution Factor: 1		Analysis Time..: 08:49	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-41-110110

TCLP Metals

Lot-Sample #...: C0K020496-016 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313384						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9FF31AH
		Dilution Factor: 1		Analysis Time..: 11:46	MS Run #.....: 0313214	
Barium	**0.30**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF31AJ**
		Dilution Factor: 1		Analysis Time..: 11:46	MS Run #.....: 0313214	
Cadmium	**0.0036 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF31AK**
		Dilution Factor: 1		Analysis Time..: 11:46	MS Run #.....: 0313214	
Chromium	**0.0041 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF31AL**
		Dilution Factor: 1		Analysis Time..: 11:46	MS Run #.....: 0313214	
Lead	**0.022 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF31AM**
		Dilution Factor: 1		Analysis Time..: 11:46	MS Run #.....: 0313214	
Selenium	**0.0065 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF31AN**
		Dilution Factor: 1		Analysis Time..: 11:46	MS Run #.....: 0313214	
Silver	**0.00081 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9FF31AP**
		Dilution Factor: 1		Analysis Time..: 11:46	MS Run #.....: 0313214	
Prep Batch #...: 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9FF31AQ
		Dilution Factor: 1		Analysis Time..: 08:51	MS Run #.....: 0314004	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K080000-281 **Prep Batch #...:** 0313384						
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PHH1AC
		Dilution Factor: 1				
		Analysis Time..: 10:35				
MB Lot-Sample #: C0K080000-281 **Prep Batch #...:** 0314012						
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9PHH1AK
		Dilution Factor: 1				
		Analysis Time..: 08:13				
MB Lot-Sample #: C0K080000-281 **Prep Batch #...:** 0313384						
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210						
Barium	**0.0028 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9PHH1AD**
		Dilution Factor: 1				
		Analysis Time..: 10:35				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PHH1AE
		Dilution Factor: 1				
		Analysis Time..: 10:35				
Chromium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PHH1AF
		Dilution Factor: 1				
		Analysis Time..: 10:35				
Lead	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PHH1AG
		Dilution Factor: 1				
		Analysis Time..: 10:35				
Selenium	**0.0053 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9PHH1AH**
		Dilution Factor: 1				
		Analysis Time..: 10:35				
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PHH1AJ
		Dilution Factor: 1				
		Analysis Time..: 10:35				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K090000-384 **Prep Batch #...:** 0313384						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCX1AA
		Dilution Factor: 1				
		Analysis Time..: 10:30				
Barium	ND	0.20	mg/L	SW846 6010B	11/09-11/10/10	L9RCX1AC
		Dilution Factor: 1				
		Analysis Time..: 10:30				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCX1AD
		Dilution Factor: 1				
		Analysis Time..: 10:30				
Chromium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCX1AE
		Dilution Factor: 1				
		Analysis Time..: 10:30				
Lead	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCX1AF
		Dilution Factor: 1				
		Analysis Time..: 10:30				
Selenium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCX1AG
		Dilution Factor: 1				
		Analysis Time..: 10:30				
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCX1AH
		Dilution Factor: 1				
		Analysis Time..: 10:30				
MB Lot-Sample #: C0K100000-012 **Prep Batch #...:** 0314012						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9RF81AA
		Dilution Factor: 1				
		Analysis Time..: 08:10				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K090000-384 **Prep Batch #...:** 0313384					
Arsenic	103	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCX1AJ
		Dilution Factor: 1	Analysis Time..: 10:41		
Barium	98	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCX1AK
		Dilution Factor: 1	Analysis Time..: 10:41		
Cadmium	101	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCX1AL
		Dilution Factor: 1	Analysis Time..: 10:41		
Chromium	99	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCX1AM
		Dilution Factor: 1	Analysis Time..: 10:41		
Lead	98	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCX1AN
		Dilution Factor: 1	Analysis Time..: 10:41		
Selenium	106	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCX1AP
		Dilution Factor: 1	Analysis Time..: 10:41		
Silver	107	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCX1AQ
		Dilution Factor: 1	Analysis Time..: 10:41		
LCS Lot-Sample#: C0K100000-012 **Prep Batch #...:** 0314012					
Mercury	104	(80 - 120)	SW846 7470A	11/10/10	L9RF81AC
		Dilution Factor: 1	Analysis Time..: 08:11		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K090000-384 **Prep Batch #...:** 0313384							
Arsenic	2.00	2.06	mg/L	103	SW846 6010B	11/09-11/10/10	L9RCX1AJ
			Dilution Factor: 1		Analysis Time..: 10:41		
Barium	2.00	1.95	mg/L	98	SW846 6010B	11/09-11/10/10	L9RCX1AK
			Dilution Factor: 1		Analysis Time..: 10:41		
Cadmium	0.0500	0.0503	mg/L	101	SW846 6010B	11/09-11/10/10	L9RCX1AL
			Dilution Factor: 1		Analysis Time..: 10:41		
Chromium	0.200	0.199	mg/L	99	SW846 6010B	11/09-11/10/10	L9RCX1AM
			Dilution Factor: 1		Analysis Time..: 10:41		
Lead	0.500	0.491	mg/L	98	SW846 6010B	11/09-11/10/10	L9RCX1AN
			Dilution Factor: 1		Analysis Time..: 10:41		
Selenium	2.00	2.13	mg/L	106	SW846 6010B	11/09-11/10/10	L9RCX1AP
			Dilution Factor: 1		Analysis Time..: 10:41		
Silver	0.0500	0.0534	mg/L	107	SW846 6010B	11/09-11/10/10	L9RCX1AQ
			Dilution Factor: 1		Analysis Time..: 10:41		
LCS Lot-Sample#: C0K100000-012 **Prep Batch #...:** 0314012							
Mercury	0.00250	0.00260	mg/L	104	SW846 7470A	11/10/10	L9RF81AC
			Dilution Factor: 1		Analysis Time..: 08:11		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K020496 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K020496-001 **Prep Batch #...:** 0313384							
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210							
Arsenic	102	(75 - 125)			SW846 6010B	11/09-11/10/10	L9FE61A4
	103	(75 - 125)	0.86	(0-20)	SW846 6010B	11/09-11/10/10	L9FE61A5
		Dilution Factor: 1					
		Analysis Time..: 11:08					
		MS Run #.....: 0313214					
Barium	93	(75 - 125)			SW846 6010B	11/09-11/10/10	L9FE61A6
	95	(75 - 125)	1.7	(0-20)	SW846 6010B	11/09-11/10/10	L9FE61A7
		Dilution Factor: 10					
		Analysis Time..: 11:19					
		MS Run #.....: 0313214					
Cadmium	98	(75 - 125)			SW846 6010B	11/09-11/10/10	L9FE61A8
	98	(75 - 125)	0.35	(0-20)	SW846 6010B	11/09-11/10/10	L9FE61A9
		Dilution Factor: 1					
		Analysis Time..: 11:08					
		MS Run #.....: 0313214					
Chromium	99	(75 - 125)			SW846 6010B	11/09-11/10/10	L9FE61CA
	100	(75 - 125)	0.70	(0-20)	SW846 6010B	11/09-11/10/10	L9FE61CC
		Dilution Factor: 1					
		Analysis Time..: 11:08					
		MS Run #.....: 0313214					
Lead	94	(75 - 125)			SW846 6010B	11/09-11/10/10	L9FE61CD
	97	(75 - 125)	2.2	(0-20)	SW846 6010B	11/09-11/10/10	L9FE61CE
		Dilution Factor: 10					
		Analysis Time..: 11:19					
		MS Run #.....: 0313214					
Selenium	105	(75 - 125)			SW846 6010B	11/09-11/10/10	L9FE61CF
	106	(75 - 125)	1.6	(0-20)	SW846 6010B	11/09-11/10/10	L9FE61CG
		Dilution Factor: 1					
		Analysis Time..: 11:08					
		MS Run #.....: 0313214					
Silver	106	(75 - 125)			SW846 6010B	11/09-11/10/10	L9FE61CH
	108	(75 - 125)	1.3	(0-20)	SW846 6010B	11/09-11/10/10	L9FE61CJ
		Dilution Factor: 1					
		Analysis Time..: 11:08					
		MS Run #.....: 0313214					
MS Lot-Sample #: C0K020496-001 **Prep Batch #...:** 0314012							
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210							

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K020496 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	80	(75 - 125)			SW846 7470A	11/10/10	L9FE61CK
	80	(75 - 125)	0.25	(0-20)	SW846 7470A	11/10/10	L9FE61CL

Dilution Factor: 1
Analysis Time..: 08:20
MS Run #.....: 0314004

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K020496 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K020496-001 **Prep Batch #...:** 0313384									
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210									
Arsenic									
	0.0036	5.00	5.09	mg/L	102		SW846 6010B	11/09-11/10/10	L9FE61A4
	0.0036	5.00	5.13	mg/L	103	0.86	SW846 6010B	11/09-11/10/10	L9FE61A5
			Dilution Factor: 1						
			Analysis Time..: 11:08						
			MS Run #.....: 0313214						
Barium									
	0.051	50.0	46.8	mg/L	93		SW846 6010B	11/09-11/10/10	L9FE61A6
	0.051	50.0	47.6	mg/L	95	1.7	SW846 6010B	11/09-11/10/10	L9FE61A7
			Dilution Factor: 10						
			Analysis Time..: 11:19						
			MS Run #.....: 0313214						
Cadmium									
	0.00086	1.00	0.980	mg/L	98		SW846 6010B	11/09-11/10/10	L9FE61A8
	0.00086	1.00	0.984	mg/L	98	0.35	SW846 6010B	11/09-11/10/10	L9FE61A9
			Dilution Factor: 1						
			Analysis Time..: 11:08						
			MS Run #.....: 0313214						
Chromium									
	ND	5.00	4.95	mg/L	99		SW846 6010B	11/09-11/10/10	L9FE61CA
	ND	5.00	4.99	mg/L	100	0.70	SW846 6010B	11/09-11/10/10	L9FE61CC
			Dilution Factor: 1						
			Analysis Time..: 11:08						
			MS Run #.....: 0313214						
Lead									
	1.0	5.00	5.72	mg/L	94		SW846 6010B	11/09-11/10/10	L9FE61CD
	1.0	5.00	5.85	mg/L	97	2.2	SW846 6010B	11/09-11/10/10	L9FE61CE
			Dilution Factor: 10						
			Analysis Time..: 11:19						
			MS Run #.....: 0313214						
Selenium									
	0.012	1.00	1.06	mg/L	105		SW846 6010B	11/09-11/10/10	L9FE61CF
	0.012	1.00	1.08	mg/L	106	1.6	SW846 6010B	11/09-11/10/10	L9FE61CG
			Dilution Factor: 1						
			Analysis Time..: 11:08						
			MS Run #.....: 0313214						

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MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K020496 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	1.00	1.06	mg/L	106		SW846 6010B	11/09-11/10/10	L9FE61CH
	ND	1.00	1.08	mg/L	108	1.3	SW846 6010B	11/09-11/10/10	L9FE61CJ

Dilution Factor: 1
Analysis Time..: 11:08
MS Run #.....: 0313214

MS Lot-Sample #: C0K020496-001 **Prep Batch #...:** 0314012
Leach Date.....: 11/09/10 **Leach Batch #..:** P031210

Mercury									
	ND	0.00500	0.00401	mg/L	80		SW846 7470A	11/10/10	L9FE61CK
	ND	0.00500	0.00400	mg/L	80	0.25	SW846 7470A	11/10/10	L9FE61CL

Dilution Factor: 1
Analysis Time..: 08:20
MS Run #.....: 0314004

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-26-110110

General Chemistry

Lot-Sample #...: C0K020496-001 **Work Order #...:** L9FE6 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**4.9**		--	**SW846 9045C**	**11/03/10**	**0307266**
	Dilution Factor: 1			Analysis Time..: 11:56	MS Run #.....: 0307129	
Cyanide, Total	**0.13 B**	**0.67**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
	Dilution Factor: 1			Analysis Time..: 13:37	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**74.7**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
	Dilution Factor: 1			Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	ND	40.1	mg/kg	SW846 9030B/9034	11/03-11/04/10	0307366
	Dilution Factor: 1			Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-27-110110

General Chemistry

Lot-Sample #...: C0K020496-002 **Work Order #...:** L9FFG **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 24

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.7**		**--**	**SW846 9045C**	**11/03/10**	**0307266**
	Dilution Factor: 1			Analysis Time..: 11:57	MS Run #.....: 0307129	
Cyanide, Total	**0.22 B**	**0.66**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
	Dilution Factor: 1			Analysis Time..: 13:44	MS Run #.....:	
Ignitability	**NO**	**--**	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**75.7**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
	Dilution Factor: 1			Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**20.1 B**	**39.6**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
	Dilution Factor: 1			Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-28-110110

General Chemistry

Lot-Sample #...: C0K020496-003 **Work Order #...:** L9FFH **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.2**		**--**	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 11:58	MS Run #.....: 0307129	
Cyanide, Total	**0.16 B**	**0.67**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....:	
Ignitability	**NO**	**--**	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**74.6**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**114**	**40.2**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-29-110110

General Chemistry

Lot-Sample #...: C0K020496-004 **Work Order #...:** L9FFJ **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 68

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.6**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 11:59	MS Run #.....: 0307129	
Cyanide, Total	ND	1.6	mg/kg	SW846 9012A	11/06/10	0310062
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**32.2**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**149**	**93.3**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-30-110110

General Chemistry

Lot-Sample #...: C0K020496-005 **Work Order #...:** L9FFK **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**9.3**		--	**SW846 9045C**	**11/03/10**	**0307266**
	Dilution Factor: 1			Analysis Time..: 12:00	MS Run #.....: 0307129	
Cyanide, Total	ND	0.59	mg/kg	SW846 9012A	11/06/10	0310062
	Dilution Factor: 1			Analysis Time..: 13:45	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**85.4**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
	Dilution Factor: 1			Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	ND	35.1	mg/kg	SW846 9030B/9034	11/03-11/04/10	0307366
	Dilution Factor: 1			Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-31-110110

General Chemistry

Lot-Sample #...: C0K020496-006 **Work Order #...:** L9FFP **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 34

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.3**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:01	MS Run #.....: 0307129	
Cyanide, Total	**0.26 B**	**0.75**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**66.4**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**12.0 B**	**45.2**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-32-110110

General Chemistry

Lot-Sample #...: C0K020496-007 **Work Order #...:** L9FFQ **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 31

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.6**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:02	MS Run #.....: 0307129	
Cyanide, Total	**0.25 B**	**0.72**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**69.1**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	ND	43.4	mg/kg	SW846 9030B/9034	11/03-11/04/10	0307366
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-33-110110

General Chemistry

Lot-Sample #...: C0K020496-008 **Work Order #...:** L9FFR **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.0**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:03	MS Run #.....: 0307129	
Cyanide, Total	**0.20 B**	**0.62**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**81.3**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**31.5 B**	**36.9**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-34-110110

General Chemistry

Lot-Sample #...: C0K020496-009 **Work Order #...:** L9FFT **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.2**		--	**SW846 9045C**	**11/03/10**	**0307266**
	Dilution Factor: 1			Analysis Time..: 12:04	MS Run #.....: 0307129	
Cyanide, Total	**0.40 B**	**0.62**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
	Dilution Factor: 1			Analysis Time..: 13:45	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**81.2**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
	Dilution Factor: 1			Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**7.9 B**	**37.0**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
	Dilution Factor: 1			Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-35-110110

General Chemistry

Lot-Sample #...: C0K020496-010 **Work Order #...:** L9FFV **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.6**		--	**SW846 9045C**	**11/03/10**	**0307266**
	Dilution Factor: 1			Analysis Time..: 12:05	MS Run #.....: 0307129	
Cyanide, Total	**0.28 B**	**0.62**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
	Dilution Factor: 1			Analysis Time..: 13:45	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**81.3**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
	Dilution Factor: 1			Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**9.8 B**	**36.9**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
	Dilution Factor: 1			Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-36-110110

General Chemistry

Lot-Sample #...: C0K020496-011 **Work Order #...:** L9FFW **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.8**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:07	MS Run #.....: 0307129	
Cyanide, Total	**0.19 B**	**0.62**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
		Dilution Factor: 1		Analysis Time..: 13:52	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**80.3**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**224**	**37.3**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-37-110110

General Chemistry

Lot-Sample #...: C0K020496-012 **Work Order #...:** L9FFX **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.5**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:08	MS Run #.....: 0307129	
Cyanide, Total	**0.19 B**	**0.63**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
		Dilution Factor: 1		Analysis Time..: 13:52	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**79.0**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**12.2 B**	**38.0**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-38-110110

General Chemistry

Lot-Sample #...: C0K020496-013 **Work Order #...:** L9FF0 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 36

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.8**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:09	MS Run #.....: 0307129	
Cyanide, Total	ND	0.78	mg/kg	SW846 9012A	11/06/10	0310062
		Dilution Factor: 1		Analysis Time..: 13:52	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**63.9**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**149**	**47.0**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-39-110110

General Chemistry

Lot-Sample #...: C0K020496-014 **Work Order #...:** L9FF1 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.7**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:10	MS Run #.....: 0307129	
Cyanide, Total	ND	0.64	mg/kg	SW846 9012A	11/06/10	0310062
		Dilution Factor: 1		Analysis Time..: 13:52	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**77.9**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**22.6 B**	**38.5**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-40-110110

General Chemistry

Lot-Sample #...: C0K020496-015 **Work Order #...:** L9FF2 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.1**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:11	MS Run #.....: 0307129	
Cyanide, Total	ND	0.62	mg/kg	SW846 9012A	11/06/10	0310062
		Dilution Factor: 1		Analysis Time..: 13:52	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**80.2**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**118**	**37.4**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-41-110110

General Chemistry

Lot-Sample #...: C0K020496-016 **Work Order #...:** L9FF3 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 26

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.5**		--	**SW846 9045C**	**11/03/10**	**0307266**
		Dilution Factor: 1		Analysis Time..: 12:12	MS Run #.....: 0307129	
Cyanide, Total	**0.15 B**	**0.67**	**mg/kg**	**SW846 9012A**	**11/06/10**	**0310062**
		Dilution Factor: 1		Analysis Time..: 13:52	MS Run #.....:	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
		Dilution Factor: 1		Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**74.2**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307240**
		Dilution Factor: 1		Analysis Time..: 08:23	MS Run #.....: 0307122	
Total Sulfide	**116**	**40.4**	**mg/kg**	**SW846 9030B/9034**	**11/03-11/04/10**	**0307366**
		Dilution Factor: 1		Analysis Time..: 09:30	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: L9MX71AA		MB Lot-Sample #:	C0K060000-062	
	ND	0.50	mg/kg	SW846 9012A	11/06/10	0310062
		Dilution Factor: 1				
		Analysis Time..: 13:37				
Total Sulfide		Work Order #: L9HAF1AA		MB Lot-Sample #:	C0K030000-366	
	ND	30.0	mg/kg	SW846 9030B/9034	11/03-11/04/10	0307366
		Dilution Factor: 1				
		Analysis Time..: 09:30				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	WO#:L9MX71AC-LCS/L9MX71AD-LCSD					LCS Lot-Sample#: C0K060000-062	
	94	(38 - 162)			SW846 9012A	11/06/10	0310062
	100	(38 - 162)	6.2	(0-30)	SW846 9012A	11/06/10	0310062
	Dilution Factor: 1				Analysis Time..: 13:37		
Total Sulfide	WO#:L9HAF1AC-LCS/L9HAF1AD-LCSD					LCS Lot-Sample#: C0K030000-366	
	90	(85 - 115)			SW846 9030B/9034	11/03-11/04/10	0307366
	95	(85 - 115)	5.9	(0-20)	SW846 9030B/9034	11/03-11/04/10	0307366
	Dilution Factor: 1				Analysis Time..: 09:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	WO#:L9MX71AC-LCS/L9MX71AD-LCSD LCS Lot-Sample#: C0K060000-062							
	54.6	51.2	mg/kg	94		SW846 9012A	11/06/10	0310062
	54.6	54.5	mg/kg	100	6.2	SW846 9012A	11/06/10	0310062
	Dilution Factor: 1 Analysis Time..: 13:37							
Total Sulfide	WO#:L9HAF1AC-LCS/L9HAF1AD-LCSD LCS Lot-Sample#: C0K030000-366							
	192	172	mg/kg	90		SW846 9030B/9034	11/03-11/04/10	0307366
	192	182	mg/kg	95	5.9	SW846 9030B/9034	11/03-11/04/10	0307366
	Dilution Factor: 1 Analysis Time..: 09:30							

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: L9GRD1AA	LCS Lot-Sample#: C0K030000-266		
	100	(99 - 101)	SW846 9045C	11/03/10	0307266
		Dilution Factor: 1	Analysis Time..: 11:55		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K020496 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH			Work Order #: L9GRD1AA		LCS Lot-Sample#: C0K030000-266		
	7.00	7.01	--	100	SW846 9045C	11/03/10	0307266
			Dilution Factor: 1		Analysis Time..: 11:55		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K020496 **Work Order #...:** L9FE6-SMP **Matrix.....:** SOLID
L9FE6-DUP
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10
% Moisture.....: 25

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K020496-001		
	74.7	75.2	%	0.68	(0-20)	SM20 2540G	11/03-11/04/10	0307240

Dilution Factor: 1 Analysis Time..: 08:23 MS Run Number..: 0307122

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K020496 **Work Order #...:** L9F25-SMP **Matrix.....:** SOLID
L9F25-DUP
Date Sampled...: 11/02/10 **Date Received..:** 11/02/10
% Moisture.....: 25

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C0K020542-001		
	11.1	11.1	--	0.090	(0-2.0)	SW846 9045C	11/03/10	0307266

Dilution Factor: 1 Analysis Time..: 12:13 MS Run Number..: 0307129

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0K030424

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

November 15, 2010



NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW –	X –
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K030424

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 3, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

TCLP GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

TCLP GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

TCLP Pesticides:
All compounds <20% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A curve will be used for a compound where it is determined to be the "best-fit" evaluation.

PCBs:
There were no problems associated with these analyses.

TCLP Metals:
The TCLP leachate blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier.

General Chemistry:
The test for pH is a field parameter. The laboratory pH analysis was completed at the request of the client.

For ignitability of solids method, the samples are considered flammable in direct flame but does not meet the criteria for ignitable.

General Chemistry (cont.):
The method blank had cyanide detected at a concentration between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C0K030424

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: MACTEC Inc	Client Project Manager: Rob Crowley	Site Contact: Chris Hortert	Lab Contact: Larrie Gamber	COC No: 000431
Address: 400 N Bell Ave suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2456	1 of ____ COCs
City/State/Zip: Pittsburgh Pa 15106	Email: rccrowley@mactec.com			
Phone: 412-279-6661		TAT if different from below: ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: HW Schmigel	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Preservation: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other: Methyl		Analyses: TCLP & IRC	Lead	VOC Moisture	Sample Specific Notes / Special Instructions:
D-42-110210	11/2/10	1500			X		X						X		NL	1	1	X	5 day TAT
D-43-110210		1505					X						X		NC	1	1	X	5 day TAT
D-44-110210		1510					X						X		NC	1	1		5 day TAT
CS-11-110210		1520			X								X	X	NG		1	4	24 hr. TAT
CS-12-110210		1605			X								X	X	NG		1	4	
CS-13-110210		1610			X								X	X	NG		1	4	
CS-14-110210		1620			X								X	X	NG		1	4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	11/2/10 1830			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			Patrick R. Dawson	TA Pitt	11/3/10 0900

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0K030424

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Cyanide, Total	SW846 9012A	SW846 9012A
Ignitability	SW846 SECTION 7	SW846 SECTION 7
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 1311/7470
Organochlorine Pesticides	SW846 8081A	SW846 1311/3510
PCBs by SW-846 8082	SW846 8082	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 1311/3510
Soil and Waste pH	SW846 9045C	SW846 9045C
Sulfides, Total 9030B/9034	SW846 9030B/903	SW846 9030B/903
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1311/3010
Volatile Organics by GC/MS	SW846 8260B	SW846 1311/5030

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K030424

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L9GHF	001	D-42-110210	11/02/10	15:00
L9GHN	002	D-43-110210	11/02/10	15:05
L9GHQ	003	D-44-110210	11/02/10	15:10

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-42-110210

TCLP GC/MS Volatiles

Lot-Sample #...: C0K030424-001	**Work Order #...:** L9GHF1AC	**Matrix.....:** SOLID
Date Sampled...: 11/02/10	**Date Received..:** 11/03/10	**MS Run #.....:** 0316177
Leach Date.....: 11/08/10	**Prep Date.....:** 11/12/10	**Analysis Date..:** 11/12/10
Leach Batch #..: P031216	**Prep Batch #...:** 0316269	**Analysis Time..:** 17:24
Dilution Factor: 4		
% Moisture.....: 15	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.056 J**	**0.20**	**mg/L**
2-Butanone	**0.84**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(64 - 124)
Toluene-d8	85	(80 - 120)
4-Bromofluorobenzene	106	(75 - 120)
Dibromofluoromethane	99	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-43-110210

TCLP GC/MS Volatiles

Lot-Sample #...: C0K030424-002	**Work Order #...:** L9GHN1AC	**Matrix.....:** SOLID
Date Sampled...: 11/02/10	**Date Received..:** 11/03/10	**MS Run #.....:** 0316177
Leach Date.....: 11/08/10	**Prep Date.....:** 11/12/10	**Analysis Date..:** 11/12/10
Leach Batch #..: P031216	**Prep Batch #...:** 0316269	**Analysis Time..:** 17:47
Dilution Factor: 4		
% Moisture.....: 18	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.067 J**	**0.20**	**mg/L**
2-Butanone	**1.3**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(64 - 124)
Toluene-d8	87	(80 - 120)
4-Bromofluorobenzene	108	(75 - 120)
Dibromofluoromethane	101	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-44-110210

TCLP GC/MS Volatiles

Lot-Sample #...: C0K030424-003	**Work Order #...:** L9GHQ1AC	**Matrix.....:** SOLID
Date Sampled...: 11/02/10	**Date Received..:** 11/03/10	**MS Run #.....:** 0316177
Leach Date.....: 11/08/10	**Prep Date.....:** 11/12/10	**Analysis Date..:** 11/12/10
Leach Batch #..: P031216	**Prep Batch #...:** 0316269	**Analysis Time..:** 18:11
Dilution Factor: 4		
% Moisture.....: 69	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.28**	**0.20**	**mg/L**
2-Butanone	**0.55**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(64 - 124)
Toluene-d8	83	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K030424 **Work Order #...:** L9PPQ1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K080000-369
Leach Date.....: 11/08/10 **Prep Date.....:** 11/12/10 **Analysis Date..:** 11/12/10
Leach Batch #..: P031216 **Prep Batch #...:** 0316269 **Analysis Time..:** 08:56
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(64 - 124)
Toluene-d8	102	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	94	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K030424 **Work Order #...:** L90NT1AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K120000-269
Prep Date.....: 11/12/10 **Analysis Date..:** 11/12/10
Prep Batch #...: 0316269 **Analysis Time..:** 09:49
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**94**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**133**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**96**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**100**	**(78 - 118)**	**SW846 8260B**
Chloroform	**103**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**98**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**97**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**115**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**97**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**110**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	103	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K030424 **Work Order #...:** L90NT1AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K120000-269
Prep Date.....: 11/12/10 **Analysis Date..:** 11/12/10
Prep Batch #...: 0316269 **Analysis Time..:** 09:49
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.375**	**mg/L**	**94**	**SW846 8260B**
2-Butanone	**0.400**	**0.531**	**mg/L**	**133**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.382**	**mg/L**	**96**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.400**	**mg/L**	**100**	**SW846 8260B**
Chloroform	**0.400**	**0.413**	**mg/L**	**103**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.392**	**mg/L**	**98**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.387**	**mg/L**	**97**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.459**	**mg/L**	**115**	**SW846 8260B**
Trichloroethene	**0.400**	**0.390**	**mg/L**	**97**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.439**	**mg/L**	**110**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(64 - 124)
Toluene-d8	106	(80 - 120)
4-Bromofluorobenzene	97	(75 - 120)
Dibromofluoromethane	103	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-42-110210

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K030424-001 **Work Order #...:** L9GHF1AE **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031213 **Prep Batch #...:** 0313356 **Analysis Time..:** 10:06
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	98	(39 - 115)
2-Fluorobiphenyl	94	(35 - 115)
Terphenyl-d14	133	(30 - 143)
2-Fluorophenol	104	(20 - 110)
Phenol-d5	111	(30 - 118)
2,4,6-Tribromophenol	121	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-43-110210

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K030424-002 **Work Order #...:** L9GHN1AE **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031213 **Prep Batch #...:** 0313356 **Analysis Time..:** 10:25
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	97	(39 - 115)
2-Fluorobiphenyl	93	(35 - 115)
Terphenyl-d14	126	(30 - 143)
2-Fluorophenol	99	(20 - 110)
Phenol-d5	105	(30 - 118)
2,4,6-Tribromophenol	114	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-44-110210

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K030424-003	**Work Order #...:** L9GHQ1AE	**Matrix.....:** SOLID
Date Sampled...: 11/02/10	**Date Received..:** 11/03/10	**MS Run #.....:**
Leach Date.....: 11/09/10	**Prep Date.....:** 11/09/10	**Analysis Date..:** 11/10/10
Leach Batch #..: P031213	**Prep Batch #...:** 0313356	**Analysis Time..:** 10:45
Dilution Factor: 1		
% Moisture.....: 69	**Method.....:** SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	**0.023 J**	**0.050**	**mg/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	97	(39 - 115)
2-Fluorobiphenyl	92	(35 - 115)
Terphenyl-d14	126	(30 - 143)
2-Fluorophenol	101	(20 - 110)
Phenol-d5	107	(30 - 118)
2,4,6-Tribromophenol	116	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAH1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K090000-356

Prep Date.....: 11/09/10 **Analysis Time..:** 09:08
Analysis Date..: 11/10/10 **Prep Batch #...:** 0313356
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(39 - 115)
2-Fluorobiphenyl	88	(35 - 115)
Terphenyl-d14	125	(30 - 143)
2-Fluorophenol	95	(20 - 110)
Phenol-d5	102	(30 - 118)
2,4,6-Tribromophenol	109	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAH1AE **Matrix.....:** SOLID
MB Lot-Sample #: C0K090000-356

Prep Date.....: 11/09/10 **Analysis Time..:** 11:23
Analysis Date..: 11/10/10 **Prep Batch #...:** 0313356
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	97	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
Terphenyl-d14	129	(30 - 143)
2-Fluorophenol	102	(20 - 110)
Phenol-d5	109	(30 - 118)
2,4,6-Tribromophenol	114	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-356 L9RAH1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/10/10
Prep Batch #...: 0313356 **Analysis Time..:** 09:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	**94**	**(37 - 115)**			**SW846 8270C**
	95	**(37 - 115)**	**0.86**	**(0-35)**	**SW846 8270C**
2,4-Dinitrotoluene	**88**	**(40 - 115)**			**SW846 8270C**
	88	**(40 - 115)**	**0.69**	**(0-42)**	**SW846 8270C**
Hexachlorobenzene	**84**	**(45 - 115)**			**SW846 8270C**
	82	**(45 - 115)**	**1.6**	**(0-22)**	**SW846 8270C**
Hexachlorobutadiene	**91**	**(42 - 115)**			**SW846 8270C**
	91	**(42 - 115)**	**0.020**	**(0-28)**	**SW846 8270C**
Hexachloroethane	**95**	**(25 - 106)**			**SW846 8270C**
	98	**(25 - 106)**	**2.2**	**(0-38)**	**SW846 8270C**
Nitrobenzene	**99**	**(40 - 115)**			**SW846 8270C**
	100	**(40 - 115)**	**0.70**	**(0-26)**	**SW846 8270C**
Pentachlorophenol	**63**	**(16 - 140)**			**SW846 8270C**
	65	**(16 - 140)**	**3.6**	**(0-40)**	**SW846 8270C**
Pyridine	**94**	**(22 - 105)**			**SW846 8270C**
	94	**(22 - 105)**	**0.85**	**(0-40)**	**SW846 8270C**
2,4,5-Trichloro-phenol	**87**	**(35 - 115)**			**SW846 8270C**
	91	**(35 - 115)**	**4.8**	**(0-40)**	**SW846 8270C**
2,4,6-Trichloro-phenol	**97**	**(40 - 115)**			**SW846 8270C**
	93	**(40 - 115)**	**4.6**	**(0-37)**	**SW846 8270C**
Cresols (total)	**111**	**(29 - 144)**			**SW846 8270C**
	113	**(29 - 144)**	**1.6**	**(0-33)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	101	(39 - 115)
	102	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
	97	(35 - 115)
Terphenyl-d14	126	(30 - 143)
	133	(30 - 143)
2-Fluorophenol	102	(20 - 110)
	104	(20 - 110)
Phenol-d5	108	(30 - 118)
	111	(30 - 118)
2,4,6-Tribromophenol	119	(19 - 138)

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-356 L9RAH1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	121	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-356 L9RAH1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/10/10
Prep Batch #...: 0313356 **Analysis Time..:** 09:27
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	**0.250**	**0.235**	**mg/L**	**94**		**SW846 8270C**
	0.250	**0.237**	**mg/L**	**95**	**0.86**	**SW846 8270C**
2,4-Dinitrotoluene	**0.250**	**0.220**	**mg/L**	**88**		**SW846 8270C**
	0.250	**0.221**	**mg/L**	**88**	**0.69**	**SW846 8270C**
Hexachlorobenzene	**0.250**	**0.209**	**mg/L**	**84**		**SW846 8270C**
	0.250	**0.206**	**mg/L**	**82**	**1.6**	**SW846 8270C**
Hexachlorobutadiene	**0.250**	**0.228**	**mg/L**	**91**		**SW846 8270C**
	0.250	**0.228**	**mg/L**	**91**	**0.020**	**SW846 8270C**
Hexachloroethane	**0.250**	**0.239**	**mg/L**	**95**		**SW846 8270C**
	0.250	**0.244**	**mg/L**	**98**	**2.2**	**SW846 8270C**
Nitrobenzene	**0.250**	**0.248**	**mg/L**	**99**		**SW846 8270C**
	0.250	**0.249**	**mg/L**	**100**	**0.70**	**SW846 8270C**
Pentachlorophenol	**0.250**	**0.156**	**mg/L**	**63**		**SW846 8270C**
	0.250	**0.162**	**mg/L**	**65**	**3.6**	**SW846 8270C**
Pyridine	**0.250**	**0.234**	**mg/L**	**94**		**SW846 8270C**
	0.250	**0.236**	**mg/L**	**94**	**0.85**	**SW846 8270C**
2,4,5-Trichloro-phenol	**0.250**	**0.217**	**mg/L**	**87**		**SW846 8270C**
	0.250	**0.228**	**mg/L**	**91**	**4.8**	**SW846 8270C**
2,4,6-Trichloro-phenol	**0.250**	**0.243**	**mg/L**	**97**		**SW846 8270C**
	0.250	**0.232**	**mg/L**	**93**	**4.6**	**SW846 8270C**
Cresols (total)	**0.750**	**0.836**	**mg/L**	**111**		**SW846 8270C**
	0.750	**0.850**	**mg/L**	**113**	**1.6**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	101	(39 - 115)
	102	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
	97	(35 - 115)
Terphenyl-d14	126	(30 - 143)
	133	(30 - 143)
2-Fluorophenol	102	(20 - 110)
	104	(20 - 110)
Phenol-d5	108	(30 - 118)
	111	(30 - 118)
2,4,6-Tribromophenol	119	(19 - 138)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-356 L9RAH1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	121	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-42-110210

TCLP GC Semivolatiles

Lot-Sample #...: C0K030424-001 **Work Order #...:** L9GHF1AW **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031213 **Prep Batch #...:** 0313365 **Analysis Time..:** 03:53
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(45 - 140)
Tetrachloro-m-xylene	106	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-43-110210

TCLP GC Semivolatiles

Lot-Sample #...: C0K030424-002 **Work Order #...:** L9GHN1AW **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031213 **Prep Batch #...:** 0313365 **Analysis Time..:** 06:58
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(45 - 140)
Tetrachloro-m-xylene	105	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-44-110210

TCLP GC Semivolatiles

Lot-Sample #...: C0K030424-003 **Work Order #...:** L9GHQ1AW **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:**
Leach Date.....: 11/09/10 **Prep Date.....:** 11/09/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031213 **Prep Batch #...:** 0313365 **Analysis Time..:** 07:28
Dilution Factor: 1
% Moisture.....: 69 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	100	(45 - 140)
Tetrachloro-m-xylene	102	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAV1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K090000-365

Prep Date.....: 11/09/10 **Analysis Time..:** 04:24
Analysis Date..: 11/11/10 **Prep Batch #...:** 0313365
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(45 - 140)
Tetrachloro-m-xylene	106	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAV1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-365 L9RAV1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0313365 **Analysis Time..:** 04:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Endrin	**121**	**(46 - 137)**			**SW846 8081A**
	123	**(46 - 137)**	**2.1**	**(0-40)**	**SW846 8081A**
Heptachlor	**106**	**(57 - 124)**			**SW846 8081A**
	106	**(57 - 124)**	**0.75**	**(0-32)**	**SW846 8081A**
Heptachlor epoxide	**112**	**(53 - 135)**			**SW846 8081A**
	114	**(53 - 135)**	**1.6**	**(0-31)**	**SW846 8081A**
Lindane	**102**	**(55 - 137)**			**SW846 8081A**
	104	**(55 - 137)**	**1.7**	**(0-22)**	**SW846 8081A**
Methoxychlor	**88**	**(30 - 150)**			**SW846 8081A**
	89	**(30 - 150)**	**1.0**	**(0-29)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	104	(45 - 140)
	104	(45 - 140)
Tetrachloro-m-xylene	107	(45 - 140)
	106	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9RAV1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K090000-365 L9RAV1AD-LCSD
Prep Date.....: 11/09/10 **Analysis Date..:** 11/11/10
Prep Batch #...: 0313365 **Analysis Time..:** 04:55
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Endrin	**0.0100**	**0.0121**	**mg/L**	**121**		**SW846 8081A**
	0.0100	**0.0123**	**mg/L**	**123**	**2.1**	**SW846 8081A**
Heptachlor	**0.0100**	**0.0106**	**mg/L**	**106**		**SW846 8081A**
	0.0100	**0.0106**	**mg/L**	**106**	**0.75**	**SW846 8081A**
Heptachlor epoxide	**0.0100**	**0.0112**	**mg/L**	**112**		**SW846 8081A**
	0.0100	**0.0114**	**mg/L**	**114**	**1.6**	**SW846 8081A**
Lindane	**0.0100**	**0.0102**	**mg/L**	**102**		**SW846 8081A**
	0.0100	**0.0104**	**mg/L**	**104**	**1.7**	**SW846 8081A**
Methoxychlor	**0.0100**	**0.00878**	**mg/L**	**88**		**SW846 8081A**
	0.0100	**0.00887**	**mg/L**	**89**	**1.0**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	104	(45 - 140)
	104	(45 - 140)
Tetrachloro-m-xylene	107	(45 - 140)
	106	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-42-110210

GC Semivolatiles

Lot-Sample #...: C0K030424-001 **Work Order #...:** L9GHF1AV **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0310055
Prep Date.....: 11/06/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0310105 **Analysis Time..:** 19:41
Dilution Factor: 0.99
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	19	ug/kg
Aroclor 1221	ND	19	ug/kg
Aroclor 1232	ND	19	ug/kg
Aroclor 1242	ND	19	ug/kg
Aroclor 1248	ND	19	ug/kg
Aroclor 1254	ND	19	ug/kg
Aroclor 1260	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(35 - 140)
Decachlorobiphenyl	82	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-43-110210

GC Semivolatiles

Lot-Sample #...: C0K030424-002 **Work Order #...:** L9GHN1AV **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0310055
Prep Date.....: 11/06/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0310105 **Analysis Time..:** 20:10
Dilution Factor: 0.97
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(35 - 140)
Decachlorobiphenyl	72	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-44-110210

GC Semivolatiles

Lot-Sample #...: C0K030424-003 **Work Order #...:** L9GHQ1AV **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0310055
Prep Date.....: 11/06/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0310105 **Analysis Time..:** 20:39
Dilution Factor: 0.99
% Moisture.....: 69 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	53	ug/kg
Aroclor 1221	ND	53	ug/kg
Aroclor 1232	ND	53	ug/kg
Aroclor 1242	ND	53	ug/kg
Aroclor 1248	ND	53	ug/kg
Aroclor 1254	ND	53	ug/kg
Aroclor 1260	ND	53	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(35 - 140)
Decachlorobiphenyl	76	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9NAK1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K060000-105

Prep Date.....: 11/06/10 **Analysis Time..:** 22:07
Analysis Date..: 11/09/10 **Prep Batch #...:** 0310105
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8082
Aroclor 1221	ND	17	ug/kg	SW846 8082
Aroclor 1232	ND	17	ug/kg	SW846 8082
Aroclor 1242	ND	17	ug/kg	SW846 8082
Aroclor 1248	ND	17	ug/kg	SW846 8082
Aroclor 1254	ND	17	ug/kg	SW846 8082
Aroclor 1260	ND	17	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	115	(35 - 140)
Decachlorobiphenyl	106	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9NAK1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K060000-105
Prep Date.....: 11/06/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0310105 **Analysis Time..:** 22:36
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**92**	**(55 - 130)**	**SW846 8082**
Aroclor 1260	**99**	**(54 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	117	(35 - 140)
Decachlorobiphenyl	112	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9NAK1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K060000-105
Prep Date.....: 11/06/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0310105 **Analysis Time..:** 22:36
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**1330**	**1230**	**ug/kg**	**92**	**SW846 8082**
Aroclor 1260	**1330**	**1330**	**ug/kg**	**99**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	117	(35 - 140)
Decachlorobiphenyl	112	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9C011A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J300436-002 L9C011A3-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/30/10 **MS Run #.....:** 0310055
Prep Date.....: 11/06/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0310105 **Analysis Time..:** 18:43
Dilution Factor: 0.99 **% Moisture.....:** 18

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**79**	**(55 - 130)**			**SW846 8082**
	81	**(55 - 130)**	**0.73**	**(0-35)**	**SW846 8082**
Aroclor 1260	**95**	**(54 - 130)**			**SW846 8082**
	86	**(54 - 130)**	**12**	**(0-29)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(35 - 140)
	103	(35 - 140)
Decachlorobiphenyl	93	(35 - 140)
	93	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K030424 **Work Order #...:** L9C011A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J300436-002 L9C011A3-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/30/10 **MS Run #.....:** 0310055
Prep Date.....: 11/06/10 **Analysis Date..:** 11/09/10
Prep Batch #...: 0310105 **Analysis Time..:** 18:43
Dilution Factor: 0.99 **% Moisture.....:** 18

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**1620**	**1280**	**ug/kg**	**79**		**SW846 8082**
	ND	**1600**	**1290**	**ug/kg**	**81**	**0.73**	**SW846 8082**
Aroclor 1260	**ND**	**1620**	**1550**	**ug/kg**	**95**		**SW846 8082**
	ND	**1600**	**1380**	**ug/kg**	**86**	**12**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(35 - 140)
	103	(35 - 140)
Decachlorobiphenyl	93	(35 - 140)
	93	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-42-110210

TCLP Metals

Lot-Sample #...: C0K030424-001 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313383						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHF1AG
		Dilution Factor: 1		Analysis Time..: 09:07	MS Run #.....: 0313213	
Barium	**0.0033 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9GHF1AH**
		Dilution Factor: 1		Analysis Time..: 09:07	MS Run #.....: 0313213	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHF1AJ
		Dilution Factor: 1		Analysis Time..: 09:07	MS Run #.....: 0313213	
Chromium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHF1AK
		Dilution Factor: 1		Analysis Time..: 09:07	MS Run #.....: 0313213	
Lead	**0.0016 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9GHF1AL**
		Dilution Factor: 1		Analysis Time..: 09:07	MS Run #.....: 0313213	
Selenium	**0.0087 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9GHF1AM**
		Dilution Factor: 1		Analysis Time..: 09:07	MS Run #.....: 0313213	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHF1AN
		Dilution Factor: 1		Analysis Time..: 09:07	MS Run #.....: 0313213	
Prep Batch #...: 0314011						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9GHF1AP
		Dilution Factor: 1		Analysis Time..: 07:49	MS Run #.....: 0314003	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-43-110210

TCLP Metals

Lot-Sample #...: C0K030424-002 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313383						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHN1AG
		Dilution Factor: 1		Analysis Time..: 09:40	MS Run #.....: 0313213	
Barium	**0.0021 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9GHN1AH**
		Dilution Factor: 1		Analysis Time..: 09:40	MS Run #.....: 0313213	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHN1AJ
		Dilution Factor: 1		Analysis Time..: 09:40	MS Run #.....: 0313213	
Chromium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHN1AK
		Dilution Factor: 1		Analysis Time..: 09:40	MS Run #.....: 0313213	
Lead	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHN1AL
		Dilution Factor: 1		Analysis Time..: 09:40	MS Run #.....: 0313213	
Selenium	**0.0080 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9GHN1AM**
		Dilution Factor: 1		Analysis Time..: 09:40	MS Run #.....: 0313213	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHN1AN
		Dilution Factor: 1		Analysis Time..: 09:40	MS Run #.....: 0313213	
Prep Batch #...: 0314011						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9GHN1AP
		Dilution Factor: 1		Analysis Time..: 07:54	MS Run #.....: 0314003	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-44-110210

TCLP Metals

Lot-Sample #...: C0K030424-003 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0313383						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHQ1AG
		Dilution Factor: 1		Analysis Time..: 09:57	MS Run #.....: 0313213	
Barium	**0.016 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9GHQ1AH**
		Dilution Factor: 1		Analysis Time..: 09:57	MS Run #.....: 0313213	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHQ1AJ
		Dilution Factor: 1		Analysis Time..: 09:57	MS Run #.....: 0313213	
Chromium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHQ1AK
		Dilution Factor: 1		Analysis Time..: 09:57	MS Run #.....: 0313213	
Lead	**0.0050 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9GHQ1AL**
		Dilution Factor: 1		Analysis Time..: 09:57	MS Run #.....: 0313213	
Selenium	**0.0051 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9GHQ1AM**
		Dilution Factor: 1		Analysis Time..: 09:57	MS Run #.....: 0313213	
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9GHQ1AN
		Dilution Factor: 1		Analysis Time..: 09:57	MS Run #.....: 0313213	
Prep Batch #...: 0314011						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9GHQ1AP
		Dilution Factor: 1		Analysis Time..: 08:00	MS Run #.....: 0314003	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K080000-291 **Prep Batch #...:** 0313383						
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PH11AD
		Dilution Factor: 1				
		Analysis Time..: 08:57				
MB Lot-Sample #: C0K080000-291 **Prep Batch #...:** 0314011						
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9PH11AL
		Dilution Factor: 1				
		Analysis Time..: 07:47				
MB Lot-Sample #: C0K080000-291 **Prep Batch #...:** 0313383						
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213						
Barium	**0.00076 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9PH11AE**
		Dilution Factor: 1				
		Analysis Time..: 08:57				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PH11AF
		Dilution Factor: 1				
		Analysis Time..: 08:57				
Chromium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PH11AG
		Dilution Factor: 1				
		Analysis Time..: 08:57				
Lead	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PH11AH
		Dilution Factor: 1				
		Analysis Time..: 08:57				
Selenium	**0.0065 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/09-11/10/10**	**L9PH11AJ**
		Dilution Factor: 1				
		Analysis Time..: 08:57				
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9PH11AK
		Dilution Factor: 1				
		Analysis Time..: 08:57				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K090000-383 **Prep Batch #...:** 0313383						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCR1AA
		Dilution Factor: 1				
		Analysis Time..: 08:51				
Barium	ND	0.20	mg/L	SW846 6010B	11/09-11/10/10	L9RCR1AC
		Dilution Factor: 1				
		Analysis Time..: 08:51				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCR1AD
		Dilution Factor: 1				
		Analysis Time..: 08:51				
Chromium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCR1AE
		Dilution Factor: 1				
		Analysis Time..: 08:51				
Lead	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCR1AF
		Dilution Factor: 1				
		Analysis Time..: 08:51				
Selenium	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCR1AG
		Dilution Factor: 1				
		Analysis Time..: 08:51				
Silver	ND	0.050	mg/L	SW846 6010B	11/09-11/10/10	L9RCR1AH
		Dilution Factor: 1				
		Analysis Time..: 08:51				
MB Lot-Sample #: C0K100000-011 **Prep Batch #...:** 0314011						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9RF61AA
		Dilution Factor: 1				
		Analysis Time..: 07:44				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K090000-383 **Prep Batch #...:** 0313383					
Arsenic	102	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCR1AJ
		Dilution Factor: 1	Analysis Time..: 09:02		
Barium	98	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCR1AK
		Dilution Factor: 1	Analysis Time..: 09:02		
Cadmium	99	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCR1AL
		Dilution Factor: 1	Analysis Time..: 09:02		
Chromium	98	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCR1AM
		Dilution Factor: 1	Analysis Time..: 09:02		
Lead	97	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCR1AN
		Dilution Factor: 1	Analysis Time..: 09:02		
Selenium	105	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCR1AP
		Dilution Factor: 1	Analysis Time..: 09:02		
Silver	104	(80 - 120)	SW846 6010B	11/09-11/10/10	L9RCR1AQ
		Dilution Factor: 1	Analysis Time..: 09:02		
LCS Lot-Sample#: C0K100000-011 **Prep Batch #...:** 0314011					
Mercury	98	(80 - 120)	SW846 7470A	11/10/10	L9RF61AC
		Dilution Factor: 1	Analysis Time..: 07:46		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K090000-383 **Prep Batch #...:** 0313383							
Arsenic	2.00	2.05	mg/L	102	SW846 6010B	11/09-11/10/10	L9RCR1AJ
			Dilution Factor: 1		Analysis Time..: 09:02		
Barium	2.00	1.95	mg/L	98	SW846 6010B	11/09-11/10/10	L9RCR1AK
			Dilution Factor: 1		Analysis Time..: 09:02		
Cadmium	0.0500	0.0496	mg/L	99	SW846 6010B	11/09-11/10/10	L9RCR1AL
			Dilution Factor: 1		Analysis Time..: 09:02		
Chromium	0.200	0.197	mg/L	98	SW846 6010B	11/09-11/10/10	L9RCR1AM
			Dilution Factor: 1		Analysis Time..: 09:02		
Lead	0.500	0.487	mg/L	97	SW846 6010B	11/09-11/10/10	L9RCR1AN
			Dilution Factor: 1		Analysis Time..: 09:02		
Selenium	2.00	2.11	mg/L	105	SW846 6010B	11/09-11/10/10	L9RCR1AP
			Dilution Factor: 1		Analysis Time..: 09:02		
Silver	0.0500	0.0520	mg/L	104	SW846 6010B	11/09-11/10/10	L9RCR1AQ
			Dilution Factor: 1		Analysis Time..: 09:02		
LCS Lot-Sample#: C0K100000-011 **Prep Batch #...:** 0314011							
Mercury	0.00250	0.00244	mg/L	98	SW846 7470A	11/10/10	L9RF61AC
			Dilution Factor: 1		Analysis Time..: 07:46		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K030424 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K030424-001 **Prep Batch #...:** 0313383							
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213							
Arsenic	102	(75 - 125)			SW846 6010B	11/09-11/10/10	L9GHF1AX
	103	(75 - 125)	0.65	(0-20)	SW846 6010B	11/09-11/10/10	L9GHF1A0
		Dilution Factor: 1					
		Analysis Time..: 09:18					
		MS Run #.....: 0313213					
Barium	96	(75 - 125)			SW846 6010B	11/09-11/10/10	L9GHF1A1
	97	(75 - 125)	0.92	(0-20)	SW846 6010B	11/09-11/10/10	L9GHF1A2
		Dilution Factor: 10					
		Analysis Time..: 09:29					
		MS Run #.....: 0313213					
Cadmium	100	(75 - 125)			SW846 6010B	11/09-11/10/10	L9GHF1A3
	101	(75 - 125)	0.53	(0-20)	SW846 6010B	11/09-11/10/10	L9GHF1A4
		Dilution Factor: 1					
		Analysis Time..: 09:18					
		MS Run #.....: 0313213					
Chromium	100	(75 - 125)			SW846 6010B	11/09-11/10/10	L9GHF1A5
	100	(75 - 125)	0.51	(0-20)	SW846 6010B	11/09-11/10/10	L9GHF1A6
		Dilution Factor: 1					
		Analysis Time..: 09:18					
		MS Run #.....: 0313213					
Lead	99	(75 - 125)			SW846 6010B	11/09-11/10/10	L9GHF1A7
	100	(75 - 125)	0.36	(0-20)	SW846 6010B	11/09-11/10/10	L9GHF1A8
		Dilution Factor: 1					
		Analysis Time..: 09:18					
		MS Run #.....: 0313213					
Selenium	105	(75 - 125)			SW846 6010B	11/09-11/10/10	L9GHF1A9
	106	(75 - 125)	0.90	(0-20)	SW846 6010B	11/09-11/10/10	L9GHF1CA
		Dilution Factor: 1					
		Analysis Time..: 09:18					
		MS Run #.....: 0313213					
Silver	106	(75 - 125)			SW846 6010B	11/09-11/10/10	L9GHF1CC
	107	(75 - 125)	0.97	(0-20)	SW846 6010B	11/09-11/10/10	L9GHF1CD
		Dilution Factor: 1					
		Analysis Time..: 09:18					
		MS Run #.....: 0313213					

MS Lot-Sample #: C0K030424-001 **Prep Batch #...:** 0314011
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213
(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K030424 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	94	(75 - 125)			SW846 7470A	11/10/10	L9GHF1CE
	91	(75 - 125)	3.7	(0-20)	SW846 7470A	11/10/10	L9GHF1CF

Dilution Factor: 1
Analysis Time..: 07:51
MS Run #.....: 0314003

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K030424 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K030424-001 **Prep Batch #...:** 0313383									
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213									
Arsenic									
	ND	5.00	5.12	mg/L	102		SW846 6010B	11/09-11/10/10	L9GHF1AX
	ND	5.00	5.16	mg/L	103	0.65	SW846 6010B	11/09-11/10/10	L9GHF1A0
			Dilution Factor: 1						
			Analysis Time..: 09:18						
			MS Run #.....: 0313213						
Barium									
	0.0033	50.0	47.8	mg/L	96		SW846 6010B	11/09-11/10/10	L9GHF1A1
	0.0033	50.0	48.3	mg/L	97	0.92	SW846 6010B	11/09-11/10/10	L9GHF1A2
			Dilution Factor: 10						
			Analysis Time..: 09:29						
			MS Run #.....: 0313213						
Cadmium									
	ND	1.00	1.00	mg/L	100		SW846 6010B	11/09-11/10/10	L9GHF1A3
	ND	1.00	1.01	mg/L	101	0.53	SW846 6010B	11/09-11/10/10	L9GHF1A4
			Dilution Factor: 1						
			Analysis Time..: 09:18						
			MS Run #.....: 0313213						
Chromium									
	ND	5.00	5.00	mg/L	100		SW846 6010B	11/09-11/10/10	L9GHF1A5
	ND	5.00	5.02	mg/L	100	0.51	SW846 6010B	11/09-11/10/10	L9GHF1A6
			Dilution Factor: 1						
			Analysis Time..: 09:18						
			MS Run #.....: 0313213						
Lead									
	0.0016	5.00	4.97	mg/L	99		SW846 6010B	11/09-11/10/10	L9GHF1A7
	0.0016	5.00	4.99	mg/L	100	0.36	SW846 6010B	11/09-11/10/10	L9GHF1A8
			Dilution Factor: 1						
			Analysis Time..: 09:18						
			MS Run #.....: 0313213						
Selenium									
	0.0087	1.00	1.06	mg/L	105		SW846 6010B	11/09-11/10/10	L9GHF1A9
	0.0087	1.00	1.07	mg/L	106	0.90	SW846 6010B	11/09-11/10/10	L9GHF1CA
			Dilution Factor: 1						
			Analysis Time..: 09:18						
			MS Run #.....: 0313213						

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MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K030424 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	1.00	1.06	mg/L	106		SW846 6010B	11/09-11/10/10	L9GHF1CC
	ND	1.00	1.07	mg/L	107	0.97	SW846 6010B	11/09-11/10/10	L9GHF1CD

Dilution Factor: 1
Analysis Time..: 09:18
MS Run #.....: 0313213

MS Lot-Sample #: C0K030424-001 **Prep Batch #...:** 0314011
Leach Date.....: 11/09/10 **Leach Batch #..:** P031213

Mercury									
	ND	0.00500	0.00472	mg/L	94		SW846 7470A	11/10/10	L9GHF1CE
	ND	0.00500	0.00455	mg/L	91	3.7	SW846 7470A	11/10/10	L9GHF1CF

Dilution Factor: 1
Analysis Time..: 07:51
MS Run #.....: 0314003

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-42-110210

General Chemistry

Lot-Sample #...: C0K030424-001 **Work Order #...:** L9GHF **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.1**		--	**SW846 9045C**	**11/04/10**	**0308192**
	Dilution Factor: 1			Analysis Time..: 10:04	MS Run #.....: 0308098	
Cyanide, Total	ND	0.59	mg/kg	SW846 9012A	11/08/10	0312226
	Dilution Factor: 1			Analysis Time..: 15:17	MS Run #.....: 0312150	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**84.8**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308136**
	Dilution Factor: 1			Analysis Time..: 08:29	MS Run #.....: 0308080	
Total Sulfide	ND	35.4	mg/kg	SW846 9030B/9034	11/05/10	0309299
	Dilution Factor: 1			Analysis Time..: 16:00	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-43-110210

General Chemistry

Lot-Sample #...: C0K030424-002 **Work Order #...:** L9GHN **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**5.7**		--	**SW846 9045C**	**11/04/10**	**0308192**
	Dilution Factor: 1			Analysis Time..: 10:05	MS Run #.....: 0308098	
Cyanide, Total	**0.22 B,J**	**0.61**	**mg/kg**	**SW846 9012A**	**11/08/10**	**0312226**
	Dilution Factor: 1			Analysis Time..: 15:17	MS Run #.....: 0312150	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**81.9**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308136**
	Dilution Factor: 1			Analysis Time..: 08:29	MS Run #.....: 0308080	
Total Sulfide	**7.8 B**	**36.6**	**mg/kg**	**SW846 9030B/9034**	**11/05/10**	**0309299**
	Dilution Factor: 1			Analysis Time..: 16:00	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-44-110210

General Chemistry

Lot-Sample #...: C0K030424-003 **Work Order #...:** L9GHQ **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 69

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**4.8**		--	**SW846 9045C**	**11/04/10**	**0308192**
	Dilution Factor: 1			Analysis Time..: 10:06	MS Run #.....: 0308098	
Cyanide, Total	ND	1.6	mg/kg	SW846 9012A	11/08/10	0312226
	Dilution Factor: 1			Analysis Time..: 15:17	MS Run #.....: 0312150	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/03/10**	**0307305**
	Dilution Factor: 1			Analysis Time..: 14:30	MS Run #.....:	
Percent Solids	**31.1**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308136**
	Dilution Factor: 1			Analysis Time..: 08:29	MS Run #.....: 0308080	
Total Sulfide	ND	96.4	mg/kg	SW846 9030B/9034	11/05/10	0309299
	Dilution Factor: 1			Analysis Time..: 16:00	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: L9PCV1AA		MB Lot-Sample #:	C0K080000-226	
	0.17 B	**0.50**	**mg/kg**	**SW846 9012A**	**11/08/10**	**0312226**
		Dilution Factor: 1				
		Analysis Time..: 15:04				
Total Sulfide		Work Order #: L9MCL1AA		MB Lot-Sample #:	C0K050000-299	
	ND	30.0	mg/kg	SW846 9030B/9034	11/05/10	0309299
		Dilution Factor: 1				
		Analysis Time..: 16:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide		WO#:L9MCL1AC-LCS/L9MCL1AD-LCSD				LCS Lot-Sample#: C0K050000-299	
	97	(85 - 115)			SW846 9030B/9034	11/05/10	0309299
	92	(85 - 115)	4.4	(0-20)	SW846 9030B/9034	11/05/10	0309299

Dilution Factor: 1 Analysis Time..: 16:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide	WO#:L9MCL1AC-LCS/L9MCL1AD-LCSD LCS Lot-Sample#: C0K050000-299							
	192	186	mg/kg	97		SW846 9030B/9034	11/05/10	0309299
	192	178	mg/kg	92	4.4	SW846 9030B/9034	11/05/10	0309299

Dilution Factor: 1 Analysis Time..: 16:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: L9H951AA	LCS Lot-Sample#: C0K040000-192		
	101	(99 - 101)	SW846 9045C	11/04/10	0308192
		Dilution Factor: 1	Analysis Time..: 10:00		
Cyanide, Total		Work Order #: L9PCV1AC	LCS Lot-Sample#: C0K080000-226		
	94	(38 - 162)	SW846 9012A	11/08/10	0312226
		Dilution Factor: 1	Analysis Time..: 15:04		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K030424 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH			Work Order #: L9H951AA		LCS Lot-Sample#: C0K040000-192		
	7.00	7.05	--	101	SW846 9045C	11/04/10	0308192
			Dilution Factor: 1		Analysis Time..: 10:00		
Cyanide, Total			Work Order #: L9PCV1AC		LCS Lot-Sample#: C0K080000-226		
	54.6	51.3	mg/kg	94	SW846 9012A	11/08/10	0312226
			Dilution Factor: 1		Analysis Time..: 15:04		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K030424 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/29/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 25	
Cyanide, Total			WO#: L9CF21A8-MS/L9CF21A9-MSD			MS Lot-Sample #: C0J290574-002	
	78	(75 - 125)			SW846 9012A	11/08/10	0312226
	90	(75 - 125)	14	(0-20)	SW846 9012A	11/08/10	0312226

Dilution Factor: 1
Analysis Time..: 15:24
MS Run #.....: 0312150

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K030424 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/29/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
							% Moisture.....: 25		
Cyanide, Total			WO#: L9CF21A8-MS/L9CF21A9-MSD				MS Lot-Sample #: C0J290574-002		
	ND	6.71	5.34	mg/kg	78		SW846 9012A	11/08/10	0312226
	ND	6.71	6.14	mg/kg	90	14	SW846 9012A	11/08/10	0312226

Dilution Factor: 1
Analysis Time..: 15:24
MS Run #.....: 0312150

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K030424 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/29/10

Percnt Moisture: 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #...: L9CGL1AH		MS Lot-Sample #: C0J290578-003	
	89	(75 - 125)	SW846 9012A	11/08/10	0312226

Dilution Factor: 1 Analysis Time..: 15:11
MS Run #.....: 0312150

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K030424 **Matrix.....:** SOLID
Date Sampled...: 10/27/10 **Date Received..:** 10/29/10

Percnt Moisture: 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #...: L9CGL1AH					MS Lot-Sample #: C0J290578-003		
	ND	6.59	5.91	mg/kg	89	SW846 9012A	11/08/10	0312226

Dilution Factor: 1 Analysis Time..: 15:11
MS Run #.....: 0312150

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K030424 **Work Order #...:** L9END-SMP **Matrix.....:** SOLID
L9END-DUP
Date Sampled...: 10/28/10 **Date Received..:** 10/29/10
% Moisture.....: 36

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K020407-003		
	64.1	63.9	%	0.32	(0-20)	SM20 2540G	11/04-11/05/10	0308136

Dilution Factor: 1 Analysis Time..: 08:29 MS Run Number..: 0308080

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K030424 **Work Order #...:** L9G62-SMP **Matrix.....:** SOLID
L9G62-DUP
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C0K030516-001		
	12.3	12.2	--	0.082	(0-2.0)	SW846 9045C	11/04/10	0308192

Dilution Factor: 1 Analysis Time..: 10:09 MS Run Number..: 0308098

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0K290442

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

December 22, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K290442

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 4, 2010. The cooler was received within the proper temperature range.

This is a re-log of Lot # C0K040441. As per client request, the samples were logged in for TCLP pesticides, PCB's and percent solids.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

TCLP Pesticides:
The samples were TCLP leached outside of holding time for pesticides. All results were reported.

PCB's:
The samples were extracted outside of holding time for PCB's. All results were reported.

General Chemistry:
There were no problems associated with the analysis.

C0K290442

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC	Rob Crowley	Chris Norbert	Carrie Gumbert	000432
Address: 400 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-596-6975	Telephone: 412-963-2428	____ of ____ COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com	Analysis Turnaround Time (in BUS days)		
Phone: 412-279-6661		TAT if different from below ____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: Hw Hoosick Falls	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C Grab=G	Analyses: VOC	Lead	Filter + TRC	Sample Specific Notes / Special Instructions:
CS-15-110310	11/3/10	0945				X							X	X	N	G	4	1		24hr TAT
CS-15r-110310		0945				X							X	X	N	G	4	1		↓
CS-16-110310		1145				X							X	X	N	G	4	0		
D-45-110310		0840					X						X		N	C		1	1	5 day TAT
D-46-110310		0845					X						X		N	C		1	1	↓
D-47-110310		0855					X						X		N	C		1	1	
D-48-110310		0905					X						X		N	C		1	1	
D-49-110310		1150					X						X		N	C		1	1	
~~CS-~~																				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Norbert	MACTEC	11/3/10 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: Patrick R Daust	Company: TAL-PIT	Date/Time: 11/4/10 0900

TAL 0018-1 (04/10)

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METHODS SUMMARY

C0K290442

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Organochlorine Pesticides	SW846 8081A	SW846 1311/3510
PCBs by SW-846 8082	SW846 8082	SW846 3541
Total Residue as Percent Solids	SM20 2540G	

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K290442

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MAL0V	001	D-45-110310	11/03/10	08:40
MAL06	002	D-46-110310	11/03/10	08:45
MAL09	003	D-47-110310	11/03/10	08:55
MAL1C	004	D-48-110310	11/03/10	09:05
MAL1E	005	D-49-110310	11/03/10	11:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-45-110310

TCLP GC Semivolatiles

Lot-Sample #...: C0K290442-001 **Work Order #...:** MAL0V1AD **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Leach Date.....: 12/03/10 **Prep Date.....:** 12/06/10 **Analysis Date..:** 12/08/10
Leach Batch #..: P033619 **Prep Batch #...:** 0340304 **Analysis Time..:** 02:55
Dilution Factor: 1
% Moisture.....: 34 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	90	(45 - 140)
Tetrachloro-m-xylene	82	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-46-110310

TCLP GC Semivolatiles

Lot-Sample #...: C0K290442-002	**Work Order #...:** MAL061AD	**Matrix.....:** SOLID
Date Sampled...: 11/03/10	**Date Received..:** 11/04/10	**MS Run #.....:**
Leach Date.....: 12/03/10	**Prep Date.....:** 12/06/10	**Analysis Date..:** 12/08/10
Leach Batch #..: P033619	**Prep Batch #...:** 0340304	**Analysis Time..:** 03:15
Dilution Factor: 1		
% Moisture.....: 17	**Method.....:** SW846 8081A	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	**0.00056**	**0.00050**	**mg/L**
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	**0.0010**	**0.00050**	**mg/L**
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	101	(45 - 140)
Tetrachloro-m-xylene	88	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-47-110310

TCLP GC Semivolatiles

Lot-Sample #...: C0K290442-003 **Work Order #...:** MAL091AD **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Leach Date.....: 12/03/10 **Prep Date.....:** 12/06/10 **Analysis Date..:** 12/08/10
Leach Batch #..: P033619 **Prep Batch #...:** 0340304 **Analysis Time..:** 03:34
Dilution Factor: 1
% Moisture.....: 31 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	98	(45 - 140)
Tetrachloro-m-xylene	85	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-48-110310

TCLP GC Semivolatiles

Lot-Sample #...: C0K290442-004	**Work Order #...:** MAL1C1AD	**Matrix.....:** SOLID	
Date Sampled...: 11/03/10	**Date Received..:** 11/04/10	**MS Run #.....:**	
Leach Date.....: 12/03/10	**Prep Date.....:** 12/06/10	**Analysis Date..:** 12/08/10	
Leach Batch #..: P033619	**Prep Batch #...:** 0340304	**Analysis Time..:** 03:54	
Dilution Factor: 1			
% Moisture.....: 25	**Method.....:** SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	**0.00091**	**0.00050**	**mg/L**
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	98	(45 - 140)
Tetrachloro-m-xylene	83	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-49-110310

TCLP GC Semivolatiles

Lot-Sample #...: C0K290442-005	**Work Order #...:** MAL1E1AD	**Matrix.....:** SOLID
Date Sampled...: 11/03/10	**Date Received..:** 11/04/10	**MS Run #.....:**
Leach Date.....: 12/03/10	**Prep Date.....:** 12/06/10	**Analysis Date..:** 12/08/10
Leach Batch #..: P033619	**Prep Batch #...:** 0340304	**Analysis Time..:** 04:13
Dilution Factor: 1		
% Moisture.....: 39	**Method.....:** SW846 8081A	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlordane (technical)	ND	0.0050	mg/L
Endrin	ND	0.00050	mg/L
Heptachlor	ND	0.00050	mg/L
Heptachlor epoxide	ND	0.00050	mg/L
Lindane	ND	0.00050	mg/L
Methoxychlor	ND	0.0010	mg/L
Toxaphene	ND	0.020	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(45 - 140)
Tetrachloro-m-xylene	87	(45 - 140)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K290442 **Work Order #...:** MAXGL1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0L060000-304

Prep Date.....: 12/06/10 **Analysis Time..:** 04:33
Analysis Date..: 12/08/10 **Prep Batch #...:** 0340304
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chlordane (technical)	ND	0.0050	mg/L	SW846 8081A
Endrin	ND	0.00050	mg/L	SW846 8081A
Heptachlor	ND	0.00050	mg/L	SW846 8081A
Heptachlor epoxide	ND	0.00050	mg/L	SW846 8081A
Lindane	ND	0.00050	mg/L	SW846 8081A
Methoxychlor	ND	0.0010	mg/L	SW846 8081A
Toxaphene	ND	0.020	mg/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	96	(45 - 140)
Tetrachloro-m-xylene	88	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K290442 **Work Order #...:** MAXGL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0L060000-304 MAXGL1AD-LCSD
Prep Date.....: 12/06/10 **Analysis Date..:** 12/08/10
Prep Batch #...: 0340304 **Analysis Time..:** 04:52
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Endrin	**95**	**(46 - 137)**			**SW846 8081A**
	97	**(46 - 137)**	**2.0**	**(0-40)**	**SW846 8081A**
Heptachlor	**89**	**(57 - 124)**			**SW846 8081A**
	86	**(57 - 124)**	**3.7**	**(0-32)**	**SW846 8081A**
Heptachlor epoxide	**90**	**(53 - 135)**			**SW846 8081A**
	87	**(53 - 135)**	**3.8**	**(0-31)**	**SW846 8081A**
Lindane	**83**	**(55 - 137)**			**SW846 8081A**
	79	**(55 - 137)**	**5.3**	**(0-22)**	**SW846 8081A**
Methoxychlor	**93**	**(30 - 150)**			**SW846 8081A**
	98	**(30 - 150)**	**4.8**	**(0-29)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	95	(45 - 140)
	94	(45 - 140)
Tetrachloro-m-xylene	89	(45 - 140)
	83	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K290442 **Work Order #...:** MAXGL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0L060000-304 MAXGL1AD-LCSD
Prep Date.....: 12/06/10 **Analysis Date..:** 12/08/10
Prep Batch #...: 0340304 **Analysis Time..:** 04:52
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Endrin	**0.0100**	**0.00952**	**mg/L**	**95**		**SW846 8081A**
	0.0100	**0.00971**	**mg/L**	**97**	**2.0**	**SW846 8081A**
Heptachlor	**0.0100**	**0.00893**	**mg/L**	**89**		**SW846 8081A**
	0.0100	**0.00861**	**mg/L**	**86**	**3.7**	**SW846 8081A**
Heptachlor epoxide	**0.0100**	**0.00903**	**mg/L**	**90**		**SW846 8081A**
	0.0100	**0.00869**	**mg/L**	**87**	**3.8**	**SW846 8081A**
Lindane	**0.0100**	**0.00828**	**mg/L**	**83**		**SW846 8081A**
	0.0100	**0.00785**	**mg/L**	**79**	**5.3**	**SW846 8081A**
Methoxychlor	**0.0100**	**0.00933**	**mg/L**	**93**		**SW846 8081A**
	0.0100	**0.00979**	**mg/L**	**98**	**4.8**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	95	(45 - 140)
	94	(45 - 140)
Tetrachloro-m-xylene	89	(45 - 140)
	83	(45 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-45-110310

GC Semivolatiles

Lot-Sample #...: C0K290442-001 **Work Order #...:** MAL0V1AC **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0335020
Prep Date.....: 12/01/10 **Analysis Date..:** 12/01/10
Prep Batch #...: 0335042 **Analysis Time..:** 20:12
Dilution Factor: 0.99
% Moisture.....: 34 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	25	ug/kg
Aroclor 1221	ND	25	ug/kg
Aroclor 1232	ND	25	ug/kg
Aroclor 1242	ND	25	ug/kg
Aroclor 1248	ND	25	ug/kg
Aroclor 1254	ND	25	ug/kg
Aroclor 1260	ND	25	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(35 - 140)
Decachlorobiphenyl	82	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-46-110310

GC Semivolatiles

Lot-Sample #...: C0K290442-002 **Work Order #...:** MAL061AC **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0335020
Prep Date.....: 12/01/10 **Analysis Date..:** 12/01/10
Prep Batch #...: 0335042 **Analysis Time..:** 20:38
Dilution Factor: 0.99
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	ND	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	**440**	**20**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(35 - 140)
Decachlorobiphenyl	90	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-47-110310

GC Semivolatiles

Lot-Sample #...: C0K290442-003 **Work Order #...:** MAL091AC **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0335020
Prep Date.....: 12/01/10 **Analysis Date..:** 12/01/10
Prep Batch #...: 0335042 **Analysis Time..:** 21:03
Dilution Factor: 0.98
% Moisture.....: 31 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	24	ug/kg
Aroclor 1221	ND	24	ug/kg
Aroclor 1232	ND	24	ug/kg
Aroclor 1242	ND	24	ug/kg
Aroclor 1248	ND	24	ug/kg
Aroclor 1254	ND	24	ug/kg
Aroclor 1260	ND	24	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(35 - 140)
Decachlorobiphenyl	85	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-48-110310

GC Semivolatiles

Lot-Sample #...: C0K290442-004 **Work Order #...:** MAL1C1AC **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0335020
Prep Date.....: 12/01/10 **Analysis Date..:** 12/01/10
Prep Batch #...: 0335042 **Analysis Time..:** 21:29
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	22	ug/kg
Aroclor 1221	ND	22	ug/kg
Aroclor 1232	ND	22	ug/kg
Aroclor 1242	ND	22	ug/kg
Aroclor 1248	ND	22	ug/kg
Aroclor 1254	ND	22	ug/kg
Aroclor 1260	**510**	**22**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(35 - 140)
Decachlorobiphenyl	66	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-49-110310

GC Semivolatiles

Lot-Sample #...: C0K290442-005 **Work Order #...:** MAL1E1AC **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0335020
Prep Date.....: 12/01/10 **Analysis Date..:** 12/01/10
Prep Batch #...: 0335042 **Analysis Time..:** 21:54
Dilution Factor: 0.99
% Moisture.....: 39 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	27	ug/kg
Aroclor 1221	ND	27	ug/kg
Aroclor 1232	ND	27	ug/kg
Aroclor 1242	ND	27	ug/kg
Aroclor 1248	ND	27	ug/kg
Aroclor 1254	**13 J**	**27**	**ug/kg**
Aroclor 1260	ND	27	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(35 - 140)
Decachlorobiphenyl	74	(35 - 140)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K290442 **Work Order #...:** MANJ61AA **Matrix.....:** SOLID
MB Lot-Sample #: C0L010000-042

Prep Date.....: 12/01/10 **Analysis Time..:** 23:11
Analysis Date..: 12/01/10 **Prep Batch #...:** 0335042
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8082
Aroclor 1221	ND	17	ug/kg	SW846 8082
Aroclor 1232	ND	17	ug/kg	SW846 8082
Aroclor 1242	ND	17	ug/kg	SW846 8082
Aroclor 1248	ND	17	ug/kg	SW846 8082
Aroclor 1254	ND	17	ug/kg	SW846 8082
Aroclor 1260	ND	17	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109	(35 - 140)
Decachlorobiphenyl	87	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K290442 **Work Order #...:** MANJ61AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0L010000-042
Prep Date.....: 12/01/10 **Analysis Date..:** 12/01/10
Prep Batch #...: 0335042 **Analysis Time..:** 23:36
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**84**	**(55 - 130)**	**SW846 8082**
Aroclor 1260	**79**	**(54 - 130)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109	(35 - 140)
Decachlorobiphenyl	94	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K290442 **Work Order #...:** MANJ61AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0L010000-042
Prep Date.....: 12/01/10 **Analysis Date..:** 12/01/10
Prep Batch #...: 0335042 **Analysis Time..:** 23:36
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**1330**	**1120**	**ug/kg**	**84**	**SW846 8082**
Aroclor 1260	**1330**	**1050**	**ug/kg**	**79**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109	(35 - 140)
Decachlorobiphenyl	94	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K290442 **Work Order #...:** MAMDQ1AU-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K300402-001 MAMDQ1AV-MSD
Date Sampled...: 11/29/10 **Date Received..:** 11/29/10 **MS Run #.....:** 0335020
Prep Date.....: 12/01/10 **Analysis Date..:** 12/02/10
Prep Batch #...: 0335042 **Analysis Time..:** 09:14
Dilution Factor: 100 **% Moisture.....:** 22

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**NC,DIL**	**(55 - 130)**			**SW846 8082**
	NC,DIL	**(55 - 130)**		**(0-35)**	**SW846 8082**
Aroclor 1260	**NC,DIL**	**(54 - 130)**			**SW846 8082**
	NC,DIL	**(54 - 130)**		**(0-29)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	NC,DIL	(35 - 140)
	NC,DIL	(35 - 140)
Decachlorobiphenyl	NC,DIL	(35 - 140)
	NC,DIL	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K290442 **Work Order #...:** MAMDQ1AU-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K300402-001 MAMDQ1AV-MSD
Date Sampled...: 11/29/10 **Date Received..:** 11/29/10 **MS Run #.....:** 0335020
Prep Date.....: 12/01/10 **Analysis Date..:** 12/02/10
Prep Batch #...: 0335042 **Analysis Time..:** 09:14
Dilution Factor: 100 **% Moisture.....:** 22

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**1700**		**ug/kg**	**NC,DIL**		**SW846 8082**
	ND	**1700**		**ug/kg**	**NC,DIL**		**SW846 8082**
Aroclor 1260	**170000**	**1700**		**ug/kg**	**NC,DIL**		**SW846 8082**
	170000	**1700**		**ug/kg**	**NC,DIL**		**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	NC,DIL	(35 - 140)
	NC,DIL	(35 - 140)
Decachlorobiphenyl	NC,DIL	(35 - 140)
	NC,DIL	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-45-110310

General Chemistry

Lot-Sample #...: C0K290442-001 **Work Order #...:** MAL0V **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 34

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**66.2**		**%**	**SM20 2540G**	**12/01/10**	**0335047**

Dilution Factor: 1 Analysis Time..: 00:00 MS Run #.....:

MACTEC Engineering and Consulting Inc

Client Sample ID: D-46-110310

General Chemistry

Lot-Sample #...: C0K290442-002 **Work Order #...:** MAL06 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.8**		**%**	**SM20 2540G**	**12/01/10**	**0335047**

Dilution Factor: 1 Analysis Time..: 00:00 MS Run #.....:

MACTEC Engineering and Consulting Inc

Client Sample ID: D-47-110310

General Chemistry

Lot-Sample #...: C0K290442-003 **Work Order #...:** MAL09 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 31

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**68.6**		**%**	**SM20 2540G**	**12/01/10**	**0335047**

Dilution Factor: 1 Analysis Time..: 00:00 MS Run #.....:

MACTEC Engineering and Consulting Inc

Client Sample ID: D-48-110310

General Chemistry

Lot-Sample #...: C0K290442-004 **Work Order #...:** MAL1C **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**74.8**		**%**	**SM20 2540G**	**12/01/10**	**0335047**

Dilution Factor: 1 Analysis Time..: 00:00 MS Run #.....:

MACTEC Engineering and Consulting Inc

Client Sample ID: D-49-110310

General Chemistry

Lot-Sample #...: C0K290442-005 **Work Order #...:** MAL1E **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 39

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**61.4**		**%**	**SM20 2540G**	**12/01/10**	**0335047**

Dilution Factor: 1 Analysis Time..: 00:00 MS Run #.....:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

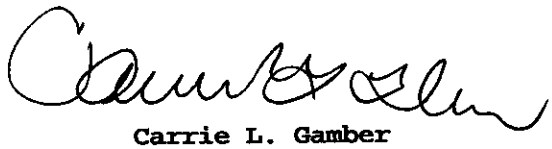
Mactec Honeywell Schmigel

Lot #: C0K040441

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

November 15, 2010



NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K040441

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 4, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

TCLP GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

TCLP GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The surrogate of sample D-45-110310 recovered high outside control limits for 2-fluorophenol. The remaining surrogate compounds recovered within acceptable QC limits. All results were reported.

TCLP Metals:
The TCLP leachate blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

The matrix spikes were over the instrument's linear range for barium and lead and were analyzed at a dilution.

General Chemistry:
The test for pH is a field parameter. The laboratory pH analysis was completed at the request of the client.

For ignitability of solids method, the samples are considered flammable in direct flame but does not meet the criteria for ignitable.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC	Rob Crowley	Chris Hortert	Carrie Gamber	000432
Address: 400 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-596-6975	Telephone: 412-963-2428	____ of ____ COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com	Analysis Turnaround Time (CALENDAR DAYS or WORKING DAYS)	Analyses	
Phone: 412-279-6661		TAT if different from below ____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: HW Hoosick Falls	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other: Meth	TOTAL NUMBER OF CONTAINERS	VOC	Lead	TCLP + IRC	Sample Specific Notes / Special Instructions:
CS-15-110310	11/3/10	0945				X							X	X	N	6	4	1	24hr TAT
CS-15r-110310		0945				X							X	X	N	6	4	1	↓
CS-16-110310		1145				X							X	X	N	6	4	0	
D-45-110310		0840					X						X		N	C		1	1	5 day TAT
D-46-110316		0845					X						X		N	C		1	1	↓
D-47-110310		0855					X						X		N	C		1	1	
D-48-110310		0905					X						X		N	C		1	1	
D-49-110310		1150					X						X		N	C		1	1	
~~CS-~~																			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	11/3/10 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			Patrick R Daust	TA-Pit	11/4/10 0900

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0K040441

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Cyanide, Total	SW846 9012A	SW846 9012A
Ignitability	SW846 SECTION 7	SW846 SECTION 7
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 1311/7470
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 1311/3510
Soil and Waste pH	SW846 9045C	SW846 9045C
Sulfides, Total 9030B/9034	SW846 9030B/903	SW846 9030B/903
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1311/3010
Volatile Organics by GC/MS	SW846 8260B	SW846 1311/5030

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K040441

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L9JCL	001	D-45-110310	11/03/10	08:40
L9JCN	002	D-46-110310	11/03/10	08:45
L9JCP	003	D-47-110310	11/03/10	08:55
L9JCQ	004	D-48-110310	11/03/10	09:05
L9JCR	005	D-49-110310	11/03/10	11:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-45-110310

TCLP GC/MS Volatiles

Lot-Sample #...: C0K040441-001 **Work Order #...:** L9JCL1AC **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0317032
Leach Date.....: 11/08/10 **Prep Date.....:** 11/13/10 **Analysis Date..:** 11/13/10
Leach Batch #..: P031217 **Prep Batch #...:** 0317049 **Analysis Time..:** 15:55
Dilution Factor: 4
% Moisture.....: 34 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	99	(80 - 120)
4-Bromofluorobenzene	88	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-46-110310

TCLP GC/MS Volatiles

Lot-Sample #...: C0K040441-002	**Work Order #...:** L9JCN1AC	**Matrix.....:** SOLID
Date Sampled...: 11/03/10	**Date Received..:** 11/04/10	**MS Run #.....:** 0317032
Leach Date.....: 11/08/10	**Prep Date.....:** 11/13/10	**Analysis Date..:** 11/13/10
Leach Batch #..: P031217	**Prep Batch #...:** 0317049	**Analysis Time..:** 16:21
Dilution Factor: 4		
% Moisture.....: 37	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.081 J**	**0.20**	**mg/L**
2-Butanone	**4.1**	**0.20**	**mg/L**
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	**0.095 J**	**0.20**	**mg/L**
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	96	(80 - 120)
4-Bromofluorobenzene	92	(75 - 120)
Dibromofluoromethane	90	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-47-110310

TCLP GC/MS Volatiles

Lot-Sample #...: C0K040441-003 **Work Order #...:** L9JCP1AC **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0317032
Leach Date.....: 11/08/10 **Prep Date.....:** 11/13/10 **Analysis Date..:** 11/13/10
Leach Batch #..: P031217 **Prep Batch #...:** 0317049 **Analysis Time..:** 16:47
Dilution Factor: 4
% Moisture.....: 31 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	100	(80 - 120)
4-Bromofluorobenzene	87	(75 - 120)
Dibromofluoromethane	92	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-48-110310

TCLP GC/MS Volatiles

Lot-Sample #...: C0K040441-004	**Work Order #...:** L9JCQ1AC	**Matrix.....:** SOLID
Date Sampled...: 11/03/10	**Date Received..:** 11/04/10	**MS Run #.....:** 0317032
Leach Date.....: 11/08/10	**Prep Date.....:** 11/13/10	**Analysis Date..:** 11/13/10
Leach Batch #..: P031217	**Prep Batch #...:** 0317049	**Analysis Time..:** 17:13
Dilution Factor: 4		
% Moisture.....: 25	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**0.063 J**	**0.20**	**mg/L**
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	96	(80 - 120)
4-Bromofluorobenzene	87	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-49-110310

TCLP GC/MS Volatiles

Lot-Sample #...: C0K040441-005	**Work Order #...:** L9JCR1AC	**Matrix.....:** SOLID
Date Sampled...: 11/03/10	**Date Received..:** 11/04/10	**MS Run #.....:** 0317032
Leach Date.....: 11/08/10	**Prep Date.....:** 11/13/10	**Analysis Date..:** 11/13/10
Leach Batch #..: P031217	**Prep Batch #...:** 0317049	**Analysis Time..:** 18:05
Dilution Factor: 4		
% Moisture.....: 39	**Method.....:** SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.20	mg/L
2-Butanone	ND	0.20	mg/L
Carbon tetrachloride	ND	0.20	mg/L
Chlorobenzene	ND	0.20	mg/L
Chloroform	ND	0.20	mg/L
1,2-Dichloroethane	ND	0.20	mg/L
1,1-Dichloroethene	ND	0.20	mg/L
Tetrachloroethene	ND	0.20	mg/L
Trichloroethene	ND	0.20	mg/L
Vinyl chloride	ND	0.20	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(64 - 124)
Toluene-d8	92	(80 - 120)
4-Bromofluorobenzene	89	(75 - 120)
Dibromofluoromethane	97	(80 - 120)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K040441 **Work Order #...:** L9PQT1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K080000-374
Leach Date.....: 11/08/10 **Prep Date.....:** 11/13/10 **Analysis Date..:** 11/13/10
Leach Batch #..: P031217 **Prep Batch #...:** 0317049 **Analysis Time..:** 09:31
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.050	mg/L	SW846 8260B
2-Butanone	ND	0.050	mg/L	SW846 8260B
Carbon tetrachloride	ND	0.050	mg/L	SW846 8260B
Chlorobenzene	ND	0.050	mg/L	SW846 8260B
Chloroform	ND	0.050	mg/L	SW846 8260B
1,2-Dichloroethane	ND	0.050	mg/L	SW846 8260B
1,1-Dichloroethene	ND	0.050	mg/L	SW846 8260B
Tetrachloroethene	ND	0.050	mg/L	SW846 8260B
Trichloroethene	ND	0.050	mg/L	SW846 8260B
Vinyl chloride	ND	0.050	mg/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(64 - 124)
Toluene-d8	98	(80 - 120)
4-Bromofluorobenzene	94	(75 - 120)
Dibromofluoromethane	93	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K040441 **Work Order #...:** L915E1AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K130000-049
Prep Date.....: 11/13/10 **Analysis Date..:** 11/13/10
Prep Batch #...: 0317049 **Analysis Time..:** 11:57
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**91**	**(76 - 120)**	**SW846 8260B**
2-Butanone	**94**	**(10 - 150)**	**SW846 8260B**
Carbon tetrachloride	**81**	**(67 - 136)**	**SW846 8260B**
Chlorobenzene	**96**	**(78 - 118)**	**SW846 8260B**
Chloroform	**81**	**(72 - 124)**	**SW846 8260B**
1,2-Dichloroethane	**92**	**(67 - 132)**	**SW846 8260B**
1,1-Dichloroethene	**79**	**(65 - 130)**	**SW846 8260B**
Tetrachloroethene	**107**	**(70 - 130)**	**SW846 8260B**
Trichloroethene	**93**	**(70 - 130)**	**SW846 8260B**
Vinyl chloride	**80**	**(51 - 133)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(64 - 124)
Toluene-d8	101	(80 - 120)
4-Bromofluorobenzene	90	(75 - 120)
Dibromofluoromethane	81	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K040441 **Work Order #...:** L915E1AA **Matrix.....:** SOLID
LCS Lot-Sample#: C0K130000-049
Prep Date.....: 11/13/10 **Analysis Date..:** 11/13/10
Prep Batch #...: 0317049 **Analysis Time..:** 11:57
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**0.400**	**0.364**	**mg/L**	**91**	**SW846 8260B**
2-Butanone	**0.400**	**0.374**	**mg/L**	**94**	**SW846 8260B**
Carbon tetrachloride	**0.400**	**0.326**	**mg/L**	**81**	**SW846 8260B**
Chlorobenzene	**0.400**	**0.384**	**mg/L**	**96**	**SW846 8260B**
Chloroform	**0.400**	**0.325**	**mg/L**	**81**	**SW846 8260B**
1,2-Dichloroethane	**0.400**	**0.368**	**mg/L**	**92**	**SW846 8260B**
1,1-Dichloroethene	**0.400**	**0.317**	**mg/L**	**79**	**SW846 8260B**
Tetrachloroethene	**0.400**	**0.428**	**mg/L**	**107**	**SW846 8260B**
Trichloroethene	**0.400**	**0.370**	**mg/L**	**93**	**SW846 8260B**
Vinyl chloride	**0.400**	**0.319**	**mg/L**	**80**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(64 - 124)
Toluene-d8	101	(80 - 120)
4-Bromofluorobenzene	90	(75 - 120)
Dibromofluoromethane	81	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K040441 **Work Order #...:** L9LD61AQ-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K050450-001 L9LD61AR-MSD
Date Sampled...: 10/26/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0317032
Leach Date.....: 11/08/10 **Prep Date.....:** 11/13/10 **Analysis Date..:** 11/13/10
Leach Batch #..: P031217 **Prep Batch #...:** 0317049 **Analysis Time..:** 11:09
Dilution Factor: 4

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**92**	**(76 - 120)**			**SW846 8260B**
	92	**(76 - 120)**	**0.95**	**(0-20)**	**SW846 8260B**
2-Butanone	**86**	**(10 - 150)**			**SW846 8260B**
	85	**(10 - 150)**	**0.73**	**(0-34)**	**SW846 8260B**
Carbon tetrachloride	**85**	**(67 - 136)**			**SW846 8260B**
	87	**(67 - 136)**	**2.3**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**97**	**(78 - 118)**			**SW846 8260B**
	97	**(78 - 118)**	**0.12**	**(0-20)**	**SW846 8260B**
Chloroform	**90**	**(72 - 124)**			**SW846 8260B**
	92	**(72 - 124)**	**2.4**	**(0-20)**	**SW846 8260B**
1,2-Dichloroethane	**91**	**(67 - 132)**			**SW846 8260B**
	91	**(67 - 132)**	**0.48**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**83**	**(65 - 130)**			**SW846 8260B**
	86	**(65 - 130)**	**4.1**	**(0-20)**	**SW846 8260B**
Tetrachloroethene	**102**	**(70 - 130)**			**SW846 8260B**
	101	**(70 - 130)**	**0.61**	**(0-20)**	**SW846 8260B**
Trichloroethene	**92**	**(70 - 130)**			**SW846 8260B**
	92	**(70 - 130)**	**0.20**	**(0-20)**	**SW846 8260B**
Vinyl chloride	**84**	**(51 - 133)**			**SW846 8260B**
	90	**(51 - 133)**	**5.7**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(64 - 124)
	91	(64 - 124)
Toluene-d8	101	(80 - 120)
	100	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
	101	(75 - 120)
Dibromofluoromethane	90	(80 - 120)
	92	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TCLP GC/MS Volatiles

Client Lot #...: C0K040441 **Work Order #...:** L9LD61AQ-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K050450-001 L9LD61AR-MSD
Date Sampled...: 10/26/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0317032
Leach Date.....: 11/08/10 **Prep Date.....:** 11/13/10 **Analysis Date..:** 11/13/10
Leach Batch #..: P031217 **Prep Batch #...:** 0317049 **Analysis Time..:** 11:09
Dilution Factor: 4

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**1.60**	**1.47**	**mg/L**	**92**		**SW846 8260B**
	ND	**1.60**	**1.48**	**mg/L**	**92**	**0.95**	**SW846 8260B**
2-Butanone	**ND**	**1.60**	**1.37**	**mg/L**	**86**		**SW846 8260B**
	ND	**1.60**	**1.36**	**mg/L**	**85**	**0.73**	**SW846 8260B**
Carbon tetrachloride	**ND**	**1.60**	**1.36**	**mg/L**	**85**		**SW846 8260B**
	ND	**1.60**	**1.39**	**mg/L**	**87**	**2.3**	**SW846 8260B**
Chlorobenzene	**ND**	**1.60**	**1.55**	**mg/L**	**97**		**SW846 8260B**
	ND	**1.60**	**1.54**	**mg/L**	**97**	**0.12**	**SW846 8260B**
Chloroform	**ND**	**1.60**	**1.43**	**mg/L**	**90**		**SW846 8260B**
	ND	**1.60**	**1.47**	**mg/L**	**92**	**2.4**	**SW846 8260B**
1,2-Dichloroethane	**ND**	**1.60**	**1.46**	**mg/L**	**91**		**SW846 8260B**
	ND	**1.60**	**1.45**	**mg/L**	**91**	**0.48**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**1.60**	**1.32**	**mg/L**	**83**		**SW846 8260B**
	ND	**1.60**	**1.38**	**mg/L**	**86**	**4.1**	**SW846 8260B**
Tetrachloroethene	**ND**	**1.60**	**1.62**	**mg/L**	**102**		**SW846 8260B**
	ND	**1.60**	**1.61**	**mg/L**	**101**	**0.61**	**SW846 8260B**
Trichloroethene	**ND**	**1.60**	**1.48**	**mg/L**	**92**		**SW846 8260B**
	ND	**1.60**	**1.47**	**mg/L**	**92**	**0.20**	**SW846 8260B**
Vinyl chloride	**ND**	**1.60**	**1.35**	**mg/L**	**84**		**SW846 8260B**
	ND	**1.60**	**1.43**	**mg/L**	**90**	**5.7**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(64 - 124)
	91	(64 - 124)
Toluene-d8	101	(80 - 120)
	100	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
	101	(75 - 120)
Dibromofluoromethane	90	(80 - 120)
	92	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-45-110310

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K040441-001 **Work Order #...:** L9JCL1AE **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Leach Date.....: 11/05/10 **Prep Date.....:** 11/08/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031001 **Prep Batch #...:** 0312384 **Analysis Time..:** 07:45
Dilution Factor: 1
% Moisture.....: 34 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	97	(39 - 115)
2-Fluorobiphenyl	92	(35 - 115)
Terphenyl-d14	112	(30 - 143)
2-Fluorophenol	117 *	(20 - 110)
Phenol-d5	105	(30 - 118)
2,4,6-Tribromophenol	103	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

* Surrogate recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-46-110310

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K040441-002 **Work Order #...:** L9JCN1AE **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Leach Date.....: 11/05/10 **Prep Date.....:** 11/08/10 **Analysis Date..:** 11/11/10
Leach Batch #..: P031001 **Prep Batch #...:** 0312384 **Analysis Time..:** 08:04
Dilution Factor: 1
% Moisture.....: 37 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(39 - 115)
2-Fluorobiphenyl	87	(35 - 115)
Terphenyl-d14	94	(30 - 143)
2-Fluorophenol	93	(20 - 110)
Phenol-d5	75	(30 - 118)
2,4,6-Tribromophenol	23	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-47-110310

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K040441-003 **Work Order #...:** L9JCP1AE **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Leach Date.....: 11/05/10 **Prep Date.....:** 11/08/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031001 **Prep Batch #...:** 0312384 **Analysis Time..:** 13:24
Dilution Factor: 1
% Moisture.....: 31 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(39 - 115)
2-Fluorobiphenyl	83	(35 - 115)
Terphenyl-d14	102	(30 - 143)
2-Fluorophenol	98	(20 - 110)
Phenol-d5	85	(30 - 118)
2,4,6-Tribromophenol	84	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-48-110310

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K040441-004 **Work Order #...:** L9JCQ1AE **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Leach Date.....: 11/05/10 **Prep Date.....:** 11/08/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031001 **Prep Batch #...:** 0312384 **Analysis Time..:** 13:44
Dilution Factor: 1
% Moisture.....: 25 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
Terphenyl-d14	121	(30 - 143)
2-Fluorophenol	107	(20 - 110)
Phenol-d5	90	(30 - 118)
2,4,6-Tribromophenol	100	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

MACTEC Engineering and Consulting Inc

Client Sample ID: D-49-110310

TCLP GC/MS Semivolatiles

Lot-Sample #...: C0K040441-005 **Work Order #...:** L9JCR1AE **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Leach Date.....: 11/05/10 **Prep Date.....:** 11/08/10 **Analysis Date..:** 11/10/10
Leach Batch #..: P031001 **Prep Batch #...:** 0312384 **Analysis Time..:** 14:04
Dilution Factor: 1
% Moisture.....: 39 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dichlorobenzene	ND	0.050	mg/L
2,4-Dinitrotoluene	ND	0.050	mg/L
Hexachlorobenzene	ND	0.050	mg/L
Hexachlorobutadiene	ND	0.050	mg/L
Hexachloroethane	ND	0.050	mg/L
Nitrobenzene	ND	0.050	mg/L
Pentachlorophenol	ND	0.25	mg/L
Pyridine	ND	0.10	mg/L
2,4,5-Trichloro-phenol	ND	0.050	mg/L
2,4,6-Trichloro-phenol	ND	0.050	mg/L
Cresols (total)	ND	0.050	mg/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(39 - 115)
2-Fluorobiphenyl	90	(35 - 115)
Terphenyl-d14	112	(30 - 143)
2-Fluorophenol	104	(20 - 110)
Phenol-d5	91	(30 - 118)
2,4,6-Tribromophenol	93	(19 - 138)

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K040441 **Work Order #...:** L9PRV1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K080000-384

Prep Date.....: 11/08/10 **Analysis Time..:** 11:44
Analysis Date..: 11/10/10 **Prep Batch #...:** 0312384
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dichlorobenzene	ND	0.050	mg/L	SW846 8270C
2,4-Dinitrotoluene	ND	0.050	mg/L	SW846 8270C
Hexachlorobenzene	ND	0.050	mg/L	SW846 8270C
Hexachlorobutadiene	ND	0.050	mg/L	SW846 8270C
Hexachloroethane	ND	0.050	mg/L	SW846 8270C
Nitrobenzene	ND	0.050	mg/L	SW846 8270C
Pentachlorophenol	ND	0.25	mg/L	SW846 8270C
Pyridine	ND	0.10	mg/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	0.050	mg/L	SW846 8270C
Cresols (total)	ND	0.050	mg/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	93	(39 - 115)
2-Fluorobiphenyl	93	(35 - 115)
Terphenyl-d14	113	(30 - 143)
2-Fluorophenol	109	(20 - 110)
Phenol-d5	95	(30 - 118)
2,4,6-Tribromophenol	91	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K040441 **Work Order #...:** L9PRV1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K080000-384 L9PRV1AD-LCSD
Prep Date.....: 11/08/10 **Analysis Date..:** 11/10/10
Prep Batch #...: 0312384 **Analysis Time..:** 12:04
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	**89**	**(37 - 115)**			**SW846 8270C**
	86	**(37 - 115)**	**4.4**	**(0-35)**	**SW846 8270C**
2,4-Dinitrotoluene	**71**	**(40 - 115)**			**SW846 8270C**
	64	**(40 - 115)**	**9.6**	**(0-42)**	**SW846 8270C**
Hexachlorobenzene	**95**	**(45 - 115)**			**SW846 8270C**
	83	**(45 - 115)**	**14**	**(0-22)**	**SW846 8270C**
Hexachlorobutadiene	**90**	**(42 - 115)**			**SW846 8270C**
	79	**(42 - 115)**	**13**	**(0-28)**	**SW846 8270C**
Hexachloroethane	**91**	**(25 - 106)**			**SW846 8270C**
	88	**(25 - 106)**	**3.4**	**(0-38)**	**SW846 8270C**
Nitrobenzene	**90**	**(40 - 115)**			**SW846 8270C**
	80	**(40 - 115)**	**11**	**(0-26)**	**SW846 8270C**
Pentachlorophenol	**65**	**(16 - 140)**			**SW846 8270C**
	56	**(16 - 140)**	**15**	**(0-40)**	**SW846 8270C**
Pyridine	**77**	**(22 - 105)**			**SW846 8270C**
	76	**(22 - 105)**	**0.53**	**(0-40)**	**SW846 8270C**
2,4,5-Trichloro-phenol	**78**	**(35 - 115)**			**SW846 8270C**
	74	**(35 - 115)**	**4.0**	**(0-40)**	**SW846 8270C**
2,4,6-Trichloro-phenol	**80**	**(40 - 115)**			**SW846 8270C**
	73	**(40 - 115)**	**8.5**	**(0-37)**	**SW846 8270C**
Cresols (total)	**92**	**(29 - 144)**			**SW846 8270C**
	93	**(29 - 144)**	**1.6**	**(0-33)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(39 - 115)
	81	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
	80	(35 - 115)
Terphenyl-d14	118	(30 - 143)
	95	(30 - 143)
2-Fluorophenol	109	(20 - 110)
	103	(20 - 110)
Phenol-d5	96	(30 - 118)
	93	(30 - 118)
2,4,6-Tribromophenol	101	(19 - 138)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K040441 **Work Order #...:** L9PRV1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K080000-384 L9PRV1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	91	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K040441 **Work Order #...:** L9PRV1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K080000-384 L9PRV1AD-LCSD
Prep Date.....: 11/08/10 **Analysis Date..:** 11/10/10
Prep Batch #...: 0312384 **Analysis Time..:** 12:04
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	**0.250**	**0.224**	**mg/L**	**89**		**SW846 8270C**
	0.250	**0.214**	**mg/L**	**86**	**4.4**	**SW846 8270C**
2,4-Dinitrotoluene	**0.250**	**0.178**	**mg/L**	**71**		**SW846 8270C**
	0.250	**0.161**	**mg/L**	**64**	**9.6**	**SW846 8270C**
Hexachlorobenzene	**0.250**	**0.236**	**mg/L**	**95**		**SW846 8270C**
	0.250	**0.206**	**mg/L**	**83**	**14**	**SW846 8270C**
Hexachlorobutadiene	**0.250**	**0.224**	**mg/L**	**90**		**SW846 8270C**
	0.250	**0.197**	**mg/L**	**79**	**13**	**SW846 8270C**
Hexachloroethane	**0.250**	**0.227**	**mg/L**	**91**		**SW846 8270C**
	0.250	**0.219**	**mg/L**	**88**	**3.4**	**SW846 8270C**
Nitrobenzene	**0.250**	**0.226**	**mg/L**	**90**		**SW846 8270C**
	0.250	**0.201**	**mg/L**	**80**	**11**	**SW846 8270C**
Pentachlorophenol	**0.250**	**0.163**	**mg/L**	**65**		**SW846 8270C**
	0.250	**0.141**	**mg/L**	**56**	**15**	**SW846 8270C**
Pyridine	**0.250**	**0.192**	**mg/L**	**77**		**SW846 8270C**
	0.250	**0.190**	**mg/L**	**76**	**0.53**	**SW846 8270C**
2,4,5-Trichloro-phenol	**0.250**	**0.194**	**mg/L**	**78**		**SW846 8270C**
	0.250	**0.186**	**mg/L**	**74**	**4.0**	**SW846 8270C**
2,4,6-Trichloro-phenol	**0.250**	**0.200**	**mg/L**	**80**		**SW846 8270C**
	0.250	**0.183**	**mg/L**	**73**	**8.5**	**SW846 8270C**
Cresols (total)	**0.750**	**0.688**	**mg/L**	**92**		**SW846 8270C**
	0.750	**0.699**	**mg/L**	**93**	**1.6**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(39 - 115)
	81	(39 - 115)
2-Fluorobiphenyl	95	(35 - 115)
	80	(35 - 115)
Terphenyl-d14	118	(30 - 143)
	95	(30 - 143)
2-Fluorophenol	109	(20 - 110)
	103	(20 - 110)
Phenol-d5	96	(30 - 118)
	93	(30 - 118)
2,4,6-Tribromophenol	101	(19 - 138)

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K040441 **Work Order #...:** L9PRV1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K080000-384 L9PRV1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
	91	(19 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: D-45-110310

TCLP Metals

Lot-Sample #...: C0K040441-001 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0312107						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCL1AG
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....: 0312077	
Barium	**0.0040 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCL1AH**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....: 0312077	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCL1AJ
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....: 0312077	
Chromium	**0.0011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCL1AK**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....: 0312077	
Lead	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCL1AL
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....: 0312077	
Selenium	**0.0072 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCL1AM**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....: 0312077	
Silver	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCL1AN
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....: 0312077	
Prep Batch #...: 0314010						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9JCL1AP
		Dilution Factor: 1		Analysis Time..: 07:25	MS Run #.....: 0314002	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-46-110310

TCLP Metals

Lot-Sample #...: C0K040441-002 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0312107						
Arsenic	**0.0040 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCN1AG**
		Dilution Factor: 1		Analysis Time..: 20:11	MS Run #.....: 0312077	
Barium	**0.057 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCN1AH**
		Dilution Factor: 1		Analysis Time..: 20:11	MS Run #.....: 0312077	
Cadmium	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCN1AJ
		Dilution Factor: 1		Analysis Time..: 20:11	MS Run #.....: 0312077	
Chromium	**0.0023 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCN1AK**
		Dilution Factor: 1		Analysis Time..: 20:11	MS Run #.....: 0312077	
Lead	**0.018 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCN1AL**
		Dilution Factor: 1		Analysis Time..: 20:11	MS Run #.....: 0312077	
Selenium	**0.011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCN1AM**
		Dilution Factor: 1		Analysis Time..: 20:11	MS Run #.....: 0312077	
Silver	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCN1AN
		Dilution Factor: 1		Analysis Time..: 20:11	MS Run #.....: 0312077	
Prep Batch #...: 0314010						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9JCN1AP
		Dilution Factor: 1		Analysis Time..: 07:30	MS Run #.....: 0314002	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-47-110310

TCLP Metals

Lot-Sample #...: C0K040441-003 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0312107						
Arsenic	**0.012 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCP1AG**
		Dilution Factor: 1		Analysis Time..: 20:17	MS Run #.....: 0312077	
Barium	**0.031 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCP1AH**
		Dilution Factor: 1		Analysis Time..: 20:17	MS Run #.....: 0312077	
Cadmium	**0.00044 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCP1AJ**
		Dilution Factor: 1		Analysis Time..: 20:17	MS Run #.....: 0312077	
Chromium	**0.0037 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCP1AK**
		Dilution Factor: 1		Analysis Time..: 20:17	MS Run #.....: 0312077	
Lead	**0.011 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCP1AL**
		Dilution Factor: 1		Analysis Time..: 20:17	MS Run #.....: 0312077	
Selenium	**0.020 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCP1AM**
		Dilution Factor: 1		Analysis Time..: 20:17	MS Run #.....: 0312077	
Silver	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCP1AN
		Dilution Factor: 1		Analysis Time..: 20:17	MS Run #.....: 0312077	
Prep Batch #...: 0314010						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9JCP1AP
		Dilution Factor: 1		Analysis Time..: 07:32	MS Run #.....: 0314002	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-48-110310

TCLP Metals

Lot-Sample #...: C0K040441-004 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0312107						
Arsenic	**0.0036 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCQ1AG**
		Dilution Factor: 1		Analysis Time..: 20:33	MS Run #.....: 0312077	
Barium	**0.16 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCQ1AH**
		Dilution Factor: 1		Analysis Time..: 20:33	MS Run #.....: 0312077	
Cadmium	**0.0024 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCQ1AJ**
		Dilution Factor: 1		Analysis Time..: 20:33	MS Run #.....: 0312077	
Chromium	**0.0013 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCQ1AK**
		Dilution Factor: 1		Analysis Time..: 20:33	MS Run #.....: 0312077	
Lead	**0.020 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCQ1AL**
		Dilution Factor: 1		Analysis Time..: 20:33	MS Run #.....: 0312077	
Selenium	**0.0095 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCQ1AM**
		Dilution Factor: 1		Analysis Time..: 20:33	MS Run #.....: 0312077	
Silver	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCQ1AN
		Dilution Factor: 1		Analysis Time..: 20:33	MS Run #.....: 0312077	
Prep Batch #...: 0314010						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9JCQ1AP
		Dilution Factor: 1		Analysis Time..: 07:34	MS Run #.....: 0314002	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-49-110310

TCLP Metals

Lot-Sample #...: C0K040441-005 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0312107						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/08/10	L9JCR1AG
		Dilution Factor: 1		Analysis Time..: 20:39	MS Run #.....: 0312077	
Barium	**0.54**	**0.20**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCR1AH**
		Dilution Factor: 1		Analysis Time..: 20:39	MS Run #.....: 0312077	
Cadmium	**0.015 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCR1AJ**
		Dilution Factor: 1		Analysis Time..: 20:39	MS Run #.....: 0312077	
Chromium	**0.061**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCR1AK**
		Dilution Factor: 1		Analysis Time..: 20:39	MS Run #.....: 0312077	
Lead	**0.081**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCR1AL**
		Dilution Factor: 1		Analysis Time..: 20:39	MS Run #.....: 0312077	
Selenium	**0.0062 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCR1AM**
		Dilution Factor: 1		Analysis Time..: 20:39	MS Run #.....: 0312077	
Silver	**0.00098 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9JCR1AN**
		Dilution Factor: 1		Analysis Time..: 20:39	MS Run #.....: 0312077	
Prep Batch #...: 0314010						
Mercury	**0.000051 B**	**0.00020**	**mg/L**	**SW846 7470A**	**11/10/10**	**L9JCR1AP**
		Dilution Factor: 1		Analysis Time..: 07:39	MS Run #.....: 0314002	

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K060000-047 **Prep Batch #...:** 0312107						
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/08/10	L9MTP1AC
		Dilution Factor: 1				
		Analysis Time..: 19:11				
MB Lot-Sample #: C0K060000-047 **Prep Batch #...:** 0314010						
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9MTP1AK
		Dilution Factor: 1				
		Analysis Time..: 07:22				
MB Lot-Sample #: C0K060000-047 **Prep Batch #...:** 0312107						
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001						
Barium	**0.00094 B**	**0.20**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9MTP1AD**
		Dilution Factor: 1				
		Analysis Time..: 19:11				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/08/10	L9MTP1AE
		Dilution Factor: 1				
		Analysis Time..: 19:11				
Chromium	ND	0.050	mg/L	SW846 6010B	11/08/10	L9MTP1AF
		Dilution Factor: 1				
		Analysis Time..: 19:11				
Lead	ND	0.050	mg/L	SW846 6010B	11/08/10	L9MTP1AG
		Dilution Factor: 1				
		Analysis Time..: 19:11				
Selenium	**0.0079 B**	**0.050**	**mg/L**	**SW846 6010B**	**11/08/10**	**L9MTP1AH**
		Dilution Factor: 1				
		Analysis Time..: 19:11				
Silver	ND	0.050	mg/L	SW846 6010B	11/08/10	L9MTP1AJ
		Dilution Factor: 1				
		Analysis Time..: 19:11				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K080000-107 **Prep Batch #...:** 0312107						
Arsenic	ND	0.050	mg/L	SW846 6010B	11/08/10	L9NXP1AA
		Dilution Factor: 1				
		Analysis Time..: 19:06				
Barium	ND	0.20	mg/L	SW846 6010B	11/08/10	L9NXP1AC
		Dilution Factor: 1				
		Analysis Time..: 19:06				
Cadmium	ND	0.050	mg/L	SW846 6010B	11/08/10	L9NXP1AD
		Dilution Factor: 1				
		Analysis Time..: 19:06				
Chromium	ND	0.050	mg/L	SW846 6010B	11/08/10	L9NXP1AE
		Dilution Factor: 1				
		Analysis Time..: 19:06				
Lead	ND	0.050	mg/L	SW846 6010B	11/08/10	L9NXP1AF
		Dilution Factor: 1				
		Analysis Time..: 19:06				
Selenium	ND	0.050	mg/L	SW846 6010B	11/08/10	L9NXP1AG
		Dilution Factor: 1				
		Analysis Time..: 19:06				
Silver	ND	0.050	mg/L	SW846 6010B	11/08/10	L9NXP1AH
		Dilution Factor: 1				
		Analysis Time..: 19:06				
MB Lot-Sample #: C0K100000-010 **Prep Batch #...:** 0314010						
Mercury	ND	0.00020	mg/L	SW846 7470A	11/10/10	L9RF41AA
		Dilution Factor: 1				
		Analysis Time..: 07:19				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K080000-107 **Prep Batch #...:** 0312107					
Arsenic	94	(80 - 120)	SW846 6010B	11/08/10	L9NXP1AJ
		Dilution Factor: 1	Analysis Time..: 19:27		
Barium	90	(80 - 120)	SW846 6010B	11/08/10	L9NXP1AK
		Dilution Factor: 1	Analysis Time..: 19:27		
Cadmium	91	(80 - 120)	SW846 6010B	11/08/10	L9NXP1AL
		Dilution Factor: 1	Analysis Time..: 19:27		
Chromium	90	(80 - 120)	SW846 6010B	11/08/10	L9NXP1AM
		Dilution Factor: 1	Analysis Time..: 19:27		
Lead	88	(80 - 120)	SW846 6010B	11/08/10	L9NXP1AN
		Dilution Factor: 1	Analysis Time..: 19:27		
Selenium	99	(80 - 120)	SW846 6010B	11/08/10	L9NXP1AP
		Dilution Factor: 1	Analysis Time..: 19:27		
Silver	94	(80 - 120)	SW846 6010B	11/08/10	L9NXP1AQ
		Dilution Factor: 1	Analysis Time..: 19:27		
LCS Lot-Sample#: C0K100000-010 **Prep Batch #...:** 0314010					
Mercury	100	(80 - 120)	SW846 7470A	11/10/10	L9RF41AC
		Dilution Factor: 1	Analysis Time..: 07:21		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K080000-107 **Prep Batch #...:** 0312107							
Arsenic	2.00	1.87	mg/L	94	SW846 6010B	11/08/10	L9NXP1AJ
			Dilution Factor: 1		Analysis Time..: 19:27		
Barium	2.00	1.79	mg/L	90	SW846 6010B	11/08/10	L9NXP1AK
			Dilution Factor: 1		Analysis Time..: 19:27		
Cadmium	0.0500	0.0453	mg/L	91	SW846 6010B	11/08/10	L9NXP1AL
			Dilution Factor: 1		Analysis Time..: 19:27		
Chromium	0.200	0.179	mg/L	90	SW846 6010B	11/08/10	L9NXP1AM
			Dilution Factor: 1		Analysis Time..: 19:27		
Lead	0.500	0.441	mg/L	88	SW846 6010B	11/08/10	L9NXP1AN
			Dilution Factor: 1		Analysis Time..: 19:27		
Selenium	2.00	1.97	mg/L	99	SW846 6010B	11/08/10	L9NXP1AP
			Dilution Factor: 1		Analysis Time..: 19:27		
Silver	0.0500	0.0470	mg/L	94	SW846 6010B	11/08/10	L9NXP1AQ
			Dilution Factor: 1		Analysis Time..: 19:27		
LCS Lot-Sample#: C0K100000-010 **Prep Batch #...:** 0314010							
Mercury	0.00250	0.00251	mg/L	100	SW846 7470A	11/10/10	L9RF41AC
			Dilution Factor: 1		Analysis Time..: 07:21		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K040441 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K040441-001 **Prep Batch #...:** 0312107							
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001							
Arsenic	107	(75 - 125)			SW846 6010B	11/08/10	L9JCL1AV
	104	(75 - 125)	2.7	(0-20)	SW846 6010B	11/08/10	L9JCL1AW
		Dilution Factor: 1					
		Analysis Time..: 19:49					
		MS Run #.....: 0312077					
Barium	98	(75 - 125)			SW846 6010B	11/08/10	L9JCL1AX
	96	(75 - 125)	2.9	(0-20)	SW846 6010B	11/08/10	L9JCL1A0
		Dilution Factor: 10					
		Analysis Time..: 20:00					
		MS Run #.....: 0312077					
Cadmium	104	(75 - 125)			SW846 6010B	11/08/10	L9JCL1A1
	101	(75 - 125)	3.0	(0-20)	SW846 6010B	11/08/10	L9JCL1A2
		Dilution Factor: 1					
		Analysis Time..: 19:49					
		MS Run #.....: 0312077					
Chromium	102	(75 - 125)			SW846 6010B	11/08/10	L9JCL1A3
	100	(75 - 125)	2.4	(0-20)	SW846 6010B	11/08/10	L9JCL1A4
		Dilution Factor: 1					
		Analysis Time..: 19:49					
		MS Run #.....: 0312077					
Lead	101	(75 - 125)			SW846 6010B	11/08/10	L9JCL1A5
	99	(75 - 125)	1.6	(0-20)	SW846 6010B	11/08/10	L9JCL1A6
		Dilution Factor: 10					
		Analysis Time..: 20:00					
		MS Run #.....: 0312077					
Selenium	113	(75 - 125)			SW846 6010B	11/08/10	L9JCL1A7
	110	(75 - 125)	2.7	(0-20)	SW846 6010B	11/08/10	L9JCL1A8
		Dilution Factor: 1					
		Analysis Time..: 19:49					
		MS Run #.....: 0312077					
Silver	107	(75 - 125)			SW846 6010B	11/08/10	L9JCL1A9
	105	(75 - 125)	2.4	(0-20)	SW846 6010B	11/08/10	L9JCL1CA
		Dilution Factor: 1					
		Analysis Time..: 19:49					
		MS Run #.....: 0312077					

MS Lot-Sample #: C0K040441-001 **Prep Batch #...:** 0314010
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001
(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: C0K040441 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	93	(75 - 125)			SW846 7470A	11/10/10	L9JCL1CD
	97	(75 - 125)	4.6	(0-20)	SW846 7470A	11/10/10	L9JCL1CE

Dilution Factor: 1
Analysis Time..: 07:27
MS Run #.....: 0314002

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K040441 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K040441-001 **Prep Batch #...:** 0312107									
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001									
Arsenic									
	ND	5.00	5.34	mg/L	107		SW846 6010B	11/08/10	L9JCL1AV
	ND	5.00	5.19	mg/L	104	2.7	SW846 6010B	11/08/10	L9JCL1AW
			Dilution Factor: 1						
			Analysis Time..: 19:49						
			MS Run #.....: 0312077						
Barium									
	0.0040	50.0	49.2	mg/L	98		SW846 6010B	11/08/10	L9JCL1AX
	0.0040	50.0	47.8	mg/L	96	2.9	SW846 6010B	11/08/10	L9JCL1A0
			Dilution Factor: 10						
			Analysis Time..: 20:00						
			MS Run #.....: 0312077						
Cadmium									
	ND	1.00	1.04	mg/L	104		SW846 6010B	11/08/10	L9JCL1A1
	ND	1.00	1.01	mg/L	101	3.0	SW846 6010B	11/08/10	L9JCL1A2
			Dilution Factor: 1						
			Analysis Time..: 19:49						
			MS Run #.....: 0312077						
Chromium									
	0.0011	5.00	5.12	mg/L	102		SW846 6010B	11/08/10	L9JCL1A3
	0.0011	5.00	5.00	mg/L	100	2.4	SW846 6010B	11/08/10	L9JCL1A4
			Dilution Factor: 1						
			Analysis Time..: 19:49						
			MS Run #.....: 0312077						
Lead									
	ND	5.00	5.04	mg/L	101		SW846 6010B	11/08/10	L9JCL1A5
	ND	5.00	4.96	mg/L	99	1.6	SW846 6010B	11/08/10	L9JCL1A6
			Dilution Factor: 10						
			Analysis Time..: 20:00						
			MS Run #.....: 0312077						
Selenium									
	0.0072	1.00	1.14	mg/L	113		SW846 6010B	11/08/10	L9JCL1A7
	0.0072	1.00	1.11	mg/L	110	2.7	SW846 6010B	11/08/10	L9JCL1A8
			Dilution Factor: 1						
			Analysis Time..: 19:49						
			MS Run #.....: 0312077						

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MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: C0K040441 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	1.00	1.07	mg/L	107		SW846 6010B	11/08/10	L9JCL1A9
	ND	1.00	1.05	mg/L	105	2.4	SW846 6010B	11/08/10	L9JCL1CA

Dilution Factor: 1
Analysis Time..: 19:49
MS Run #.....: 0312077

MS Lot-Sample #: C0K040441-001 **Prep Batch #...:** 0314010
Leach Date.....: 11/05/10 **Leach Batch #..:** P031001

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	0.00500	0.00465	mg/L	93		SW846 7470A	11/10/10	L9JCL1CD
	ND	0.00500	0.00487	mg/L	97	4.6	SW846 7470A	11/10/10	L9JCL1CE

Dilution Factor: 1
Analysis Time..: 07:27
MS Run #.....: 0314002

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-45-110310

General Chemistry

Lot-Sample #...: C0K040441-001 **Work Order #...:** L9JCL **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 34

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**3.7**		--	**SW846 9045C**	**11/05/10**	**0309241**
	Dilution Factor: 1			Analysis Time..: 13:06	MS Run #.....: 0309134	
Cyanide, Total	ND	0.75	mg/kg	SW846 9012A	11/10/10	0314125
	Dilution Factor: 1			Analysis Time..: 15:55	MS Run #.....: 0314078	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/09/10**	**0313086**
	Dilution Factor: 1			Analysis Time..: 11:30	MS Run #.....:	
Percent Solids	**66.2**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308324**
	Dilution Factor: 1			Analysis Time..: 08:24	MS Run #.....: 0308162	
Total Sulfide	ND	45.3	mg/kg	SW846 9030B/9034	11/05/10	0309299
	Dilution Factor: 1			Analysis Time..: 16:00	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-46-110310

General Chemistry

Lot-Sample #...: C0K040441-002 **Work Order #...:** L9JCN **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 37

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.3**		--	**SW846 9045C**	**11/05/10**	**0309241**
		Dilution Factor: 1		Analysis Time..: 13:07	MS Run #.....: 0309134	
Cyanide, Total	ND	0.80	mg/kg	SW846 9012A	11/10/10	0314125
		Dilution Factor: 1		Analysis Time..: 15:55	MS Run #.....: 0314078	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/09/10**	**0313086**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....:	
Percent Solids	**62.8**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308324**
		Dilution Factor: 1		Analysis Time..: 08:24	MS Run #.....: 0308162	
Total Sulfide	**16.6 B**	**47.8**	**mg/kg**	**SW846 9030B/9034**	**11/05/10**	**0309299**
		Dilution Factor: 1		Analysis Time..: 16:00	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-47-110310

General Chemistry

Lot-Sample #...: C0K040441-003 **Work Order #...:** L9JCP **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 31

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.8**		--	**SW846 9045C**	**11/05/10**	**0309241**
	Dilution Factor: 1			Analysis Time..: 13:08	MS Run #.....: 0309134	
Cyanide, Total	ND	0.73	mg/kg	SW846 9012A	11/10/10	0314125
	Dilution Factor: 1			Analysis Time..: 15:55	MS Run #.....: 0314078	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/09/10**	**0313086**
	Dilution Factor: 1			Analysis Time..: 11:30	MS Run #.....:	
Percent Solids	**68.6**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308324**
	Dilution Factor: 1			Analysis Time..: 08:24	MS Run #.....: 0308162	
Total Sulfide	**29.2 B**	**43.7**	**mg/kg**	**SW846 9030B/9034**	**11/05/10**	**0309299**
	Dilution Factor: 1			Analysis Time..: 16:00	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-48-110310

General Chemistry

Lot-Sample #...: C0K040441-004 **Work Order #...:** L9JCQ **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.2**		--	**SW846 9045C**	**11/05/10**	**0309241**
		Dilution Factor: 1		Analysis Time..: 13:09	MS Run #.....: 0309134	
Cyanide, Total	ND	0.67	mg/kg	SW846 9012A	11/10/10	0314125
		Dilution Factor: 1		Analysis Time..: 15:58	MS Run #.....: 0314078	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/09/10**	**0313086**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....:	
Percent Solids	**74.8**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308324**
		Dilution Factor: 1		Analysis Time..: 08:24	MS Run #.....: 0308162	
Total Sulfide	**11.8 B**	**40.1**	**mg/kg**	**SW846 9030B/9034**	**11/05/10**	**0309299**
		Dilution Factor: 1		Analysis Time..: 16:00	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: D-49-110310

General Chemistry

Lot-Sample #...: C0K040441-005 **Work Order #...:** L9JCR **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 39

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.2**		--	**SW846 9045C**	**11/05/10**	**0309241**
		Dilution Factor: 1		Analysis Time..: 13:10	MS Run #.....: 0309134	
Cyanide, Total	ND	0.81	mg/kg	SW846 9012A	11/10/10	0314125
		Dilution Factor: 1		Analysis Time..: 15:58	MS Run #.....: 0314078	
Ignitability	**NO**	--	**No Units**	**SW846 SECTION 7.1**	**11/09/10**	**0313086**
		Dilution Factor: 1		Analysis Time..: 11:30	MS Run #.....:	
Percent Solids	**61.4**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308324**
		Dilution Factor: 1		Analysis Time..: 08:24	MS Run #.....: 0308162	
Total Sulfide	ND	48.8	mg/kg	SW846 9030B/9034	11/05/10	0309299
		Dilution Factor: 1		Analysis Time..: 16:00	MS Run #.....:	

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: L9RNW1AA		MB Lot-Sample #:	C0K100000-125	
	ND	0.50	mg/kg	SW846 9012A	11/10/10	0314125
		Dilution Factor: 1				
		Analysis Time..: 15:40				
Total Sulfide		Work Order #: L9MCL1AA		MB Lot-Sample #:	C0K050000-299	
	ND	30.0	mg/kg	SW846 9030B/9034	11/05/10	0309299
		Dilution Factor: 1				
		Analysis Time..: 16:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** WASTE

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: L9LR31AA	LCS Lot-Sample#: C0K050000-241		
	100	(99 - 101)	SW846 9045C	11/05/10	0309241
		Dilution Factor: 1	Analysis Time..: 13:05		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** WASTE

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH			Work Order #: L9LR31AA		LCS Lot-Sample#: C0K050000-241		
	7.00	7.02	--	100	SW846 9045C	11/05/10	0309241
			Dilution Factor: 1		Analysis Time..: 13:05		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide		WO#:L9MCL1AC-LCS/L9MCL1AD-LCSD				LCS Lot-Sample#: C0K050000-299	
	97	(85 - 115)			SW846 9030B/9034	11/05/10	0309299
	92	(85 - 115)	4.4	(0-20)	SW846 9030B/9034	11/05/10	0309299

Dilution Factor: 1 Analysis Time..: 16:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Sulfide	WO#:L9MCL1AC-LCS/L9MCL1AD-LCSD LCS Lot-Sample#: C0K050000-299							
	192	186	mg/kg	97		SW846 9030B/9034	11/05/10	0309299
	192	178	mg/kg	92	4.4	SW846 9030B/9034	11/05/10	0309299

Dilution Factor: 1 Analysis Time..: 16:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: L9RNW1AC	LCS Lot-Sample#: C0K100000-125		
	126	(38 - 162)	SW846 9012A	11/10/10	0314125
		Dilution Factor: 1	Analysis Time..: 15:40		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	Work Order #: L9RNW1AC				LCS Lot-Sample#: C0K100000-125		
	54.6	68.7	mg/kg	126	SW846 9012A	11/10/10	0314125
	Dilution Factor: 1				Analysis Time..: 15:40		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** SOLID
Date Sampled...: 10/30/10 **Date Received..:** 11/02/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 18	
Cyanide, Total			WO#: L9C011AX-MS/L9C011A0-MSD			MS Lot-Sample #: C0J300436-002	
	81	(75 - 125)			SW846 9012A	11/10/10	0314125
	82	(75 - 125)	1.5	(0-20)	SW846 9012A	11/10/10	0314125

Dilution Factor: 1
Analysis Time..: 15:47
MS Run #.....: 0314078

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** SOLID
Date Sampled...: 10/30/10 **Date Received..:** 11/02/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
							% Moisture.....: 18		
Cyanide, Total			WO#: L9C011AX-MS/L9C011A0-MSD				MS Lot-Sample #: C0J300436-002		
	1.4	6.13	6.29	mg/kg	81		SW846 9012A	11/10/10	0314125
	1.4	6.13	6.38	mg/kg	82	1.5	SW846 9012A	11/10/10	0314125
			Dilution Factor: 1						
			Analysis Time..: 15:47						
			MS Run #.....: 0314078						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** SOLID
Date Sampled...: 10/30/10 **Date Received..:** 11/02/10

Percnt Moisture: 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #...: L9GDV1AF		MS Lot-Sample #: C0K030410-003	
	81	(75 - 125)	SW846 9012A	11/10/10	0314125

Dilution Factor: 1 Analysis Time..: 15:47
MS Run #.....: 0314078

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K040441 **Matrix.....:** SOLID
Date Sampled...: 10/30/10 **Date Received..:** 11/02/10

Percnt Moisture: 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	PREPARATION-METHOD	ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #...: L9GDV1AF			MS Lot-Sample #: C0K030410-003		
	0.48	6.36	5.65	mg/kg	81	SW846 9012A	11/10/10	0314125

Dilution Factor: 1 Analysis Time..: 15:47
MS Run #.....: 0314078

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K040441 **Work Order #...:** L9FRD-SMP **Matrix.....:** SOLID
L9FRD-DUP
Date Sampled...: 10/29/10 **Date Received..:** 11/01/10
% Moisture.....: 32

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K020512-001		
	68.0	68.2	%	0.38	(0-20)	SM20 2540G	11/04-11/05/10	0308324

Dilution Factor: 1 Analysis Time..: 08:24 MS Run Number..: 0308162

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K040441 **Work Order #...:** L9JN8-SMP **Matrix.....:** WASTE
L9JN8-DUP
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C0K040496-001		
	8.5	8.5	--	0.12	(0-2.0)	SW846 9045C	11/05/10	0309241

Dilution Factor: 1 Analysis Time..: 13:12 MS Run Number..: 0309134

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0K180470

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

December 1, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K180470

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 18, 2010. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibrations had compounds >25%D but they were within expected performance range for the compounds. All results were reported.

Due to the concentration of target compounds detected and/or matrix interference, several samples were analyzed at a dilution.

GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

PCB's:
There were no problems associated with the analysis.

Metals:
The matrix spikes of sample WW-1-111710 recovered outside control limits for aluminum.

For the matrix spike and matrix spike duplicate of sample WW-1-111710, iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

General Chemistry:
There were no problems associated with the analysis.

C0K180470

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC Inc.	Rob Crowley	Chris Hortert	Carrie Gamber	007609
Address: 400 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-596-6975	Telephone: 412-963-2428	1 of ___ COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com			
Phone: 412-279-6661				
Project Name: HW Schmigel	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
P O #				

Analysis Turnaround Time (in BUS days)
TAT if different from below ___ ___
☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite (C) or Grab (G)	Analyses: O&G	TDS	metals + Hg	TCL VOAs	BNA	PCB	Lead	VOC			Sample Specific Notes / Special Instructions:
WW-1-111710	11/17/10	1200		X					X	X			X		N	G	1	1	1	3	2	2					
WW-2-111710		1215		X					X	X			X		N	G	1	1	1	3	2	2					
CS-17-111710		1230				X							X		N	G							1				
CS-18-111710		1240				X							X		N	G							1				
CS-19-111710		1310				X							X		N	G							1				
CS-20-111710		1320				X				X			X		N	G							1	4			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For ___ Months

Special Instructions/QC Requirements & Comments:

2 coolers

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	MACTEC	11/17/10 1530			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	TAL	11/18/10 1000

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TAL 0018- 1 (04/10)

METHODS SUMMARY

C0K180470

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
N-Hexane Extractable Material (1664A)	CFR136A 1664A H	EPA 1664A
PCBs by SW-846 8082	SW846 8082	SW846 3510C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Total Dissolved Solids SM 2540C (SM 20)	SM20 2540C	SM20 2540C
Total Residue as Percent Solids	SM20 2540G	
Total Suspended Solids SM 2540 D	SM20 2540D	SM20 2540D
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3010A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K180470

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L98CJ	001	WW-1-111710	11/17/10	12:00
L98CN	002	WW-2-111710	11/17/10	12:15
L98CP	003	CS-17-111710	11/17/10	12:30
L98C2	004	CS-18-111710	11/17/10	12:40
L98C3	005	CS-19-111710	11/17/10	13:10
L98C6	006	CS-20-111710	11/17/10	13:20
L98C8	007	TRIP BLANK	11/17/10	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AF **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 18:43
Dilution Factor: 100
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**25000**	**2000**	**ug/L**
Benzene	ND	500	ug/L
Bromodichloromethane	ND	500	ug/L
Bromoform	ND	500	ug/L
Bromomethane	ND	500	ug/L
2-Butanone	**1100**	**500**	**ug/L**
Carbon disulfide	ND	500	ug/L
Carbon tetrachloride	ND	500	ug/L
Chlorobenzene	ND	500	ug/L
Chloroethane	ND	500	ug/L
Chloroform	ND	500	ug/L
Chloromethane	ND	500	ug/L
Cyclohexane	ND	500	ug/L
Dibromochloromethane	ND	500	ug/L
1,2-Dibromo-3-chloro-propane	ND	500	ug/L
1,2-Dibromoethane	ND	500	ug/L
1,3-Dichlorobenzene	ND	500	ug/L
1,4-Dichlorobenzene	ND	500	ug/L
1,2-Dichlorobenzene	ND	500	ug/L
Dichlorodifluoromethane	ND	500	ug/L
1,1-Dichloroethane	ND	500	ug/L
1,2-Dichloroethane	ND	500	ug/L
1,1-Dichloroethene	ND	500	ug/L
cis-1,2-Dichloroethene	ND	500	ug/L
trans-1,2-Dichloroethene	ND	500	ug/L
1,2-Dichloropropane	ND	500	ug/L
cis-1,3-Dichloropropene	ND	500	ug/L
trans-1,3-Dichloropropene	ND	500	ug/L
Ethylbenzene	ND	500	ug/L
2-Hexanone	ND	500	ug/L
Isopropylbenzene	ND	500	ug/L
Methyl acetate	ND	500	ug/L
Methylene chloride	ND	500	ug/L
Methylcyclohexane	ND	500	ug/L
4-Methyl-2-pentanone	**200 J**	**500**	**ug/L**
Methyl tert-butyl ether	ND	500	ug/L
Styrene	ND	500	ug/L

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AF **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	500	ug/L
1,2,4-Trichloro-benzene	ND	500	ug/L
Tetrachloroethene	ND	500	ug/L
1,1,1-Trichloroethane	ND	500	ug/L
1,1,2-Trichloroethane	ND	500	ug/L
Trichloroethene	ND	500	ug/L
Trichlorofluoromethane	ND	500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	500	ug/L
Toluene	**320 J**	**500**	**ug/L**
Vinyl chloride	ND	500	ug/L
Xylenes (total)	ND	1500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(62 - 123)
Toluene-d8	90	(80 - 120)
4-Bromofluorobenzene	93	(75 - 120)
Dibromofluoromethane	94	(80 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AQ **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 19:11
Dilution Factor: 100
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**20000**	**2000**	**ug/L**
Benzene	ND	500	ug/L
Bromodichloromethane	ND	500	ug/L
Bromoform	ND	500	ug/L
Bromomethane	ND	500	ug/L
2-Butanone	**980**	**500**	**ug/L**
Carbon disulfide	ND	500	ug/L
Carbon tetrachloride	ND	500	ug/L
Chlorobenzene	ND	500	ug/L
Chloroethane	ND	500	ug/L
Chloroform	ND	500	ug/L
Chloromethane	ND	500	ug/L
Cyclohexane	ND	500	ug/L
Dibromochloromethane	ND	500	ug/L
1,2-Dibromo-3-chloro-propane	ND	500	ug/L
1,2-Dibromoethane	ND	500	ug/L
1,3-Dichlorobenzene	ND	500	ug/L
1,4-Dichlorobenzene	ND	500	ug/L
1,2-Dichlorobenzene	ND	500	ug/L
Dichlorodifluoromethane	ND	500	ug/L
1,1-Dichloroethane	ND	500	ug/L
1,2-Dichloroethane	ND	500	ug/L
1,1-Dichloroethene	ND	500	ug/L
cis-1,2-Dichloroethene	ND	500	ug/L
trans-1,2-Dichloroethene	ND	500	ug/L
1,2-Dichloropropane	ND	500	ug/L
cis-1,3-Dichloropropene	ND	500	ug/L
trans-1,3-Dichloropropene	ND	500	ug/L
Ethylbenzene	ND	500	ug/L
2-Hexanone	ND	500	ug/L
Isopropylbenzene	ND	500	ug/L
Methyl acetate	ND	500	ug/L
Methylene chloride	ND	500	ug/L
Methylcyclohexane	ND	500	ug/L
4-Methyl-2-pentanone	**180 J**	**500**	**ug/L**
Methyl tert-butyl ether	ND	500	ug/L
Styrene	ND	500	ug/L

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AQ **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	500	ug/L
1,2,4-Trichloro-benzene	ND	500	ug/L
Tetrachloroethene	ND	500	ug/L
1,1,1-Trichloroethane	ND	500	ug/L
1,1,2-Trichloroethane	ND	500	ug/L
Trichloroethene	ND	500	ug/L
Trichlorofluoromethane	ND	500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	500	ug/L
Toluene	**380 J**	**500**	**ug/L**
Vinyl chloride	ND	500	ug/L
Xylenes (total)	ND	1500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(62 - 123)
Toluene-d8	89	(80 - 120)
4-Bromofluorobenzene	93	(75 - 120)
Dibromofluoromethane	96	(80 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-20-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-006 **Work Order #...:** L98C61AC **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 10:49
Dilution Factor: 0.92
% Moisture.....: 25 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ug/kg
Benzene	ND	6.2	ug/kg
Bromodichloromethane	ND	6.2	ug/kg
Bromoform	ND	6.2	ug/kg
Bromomethane	ND	6.2	ug/kg
2-Butanone	ND	6.2	ug/kg
Carbon disulfide	ND	6.2	ug/kg
Carbon tetrachloride	ND	6.2	ug/kg
Chlorobenzene	ND	6.2	ug/kg
Chloroethane	ND	6.2	ug/kg
Chloroform	ND	6.2	ug/kg
Chloromethane	ND	6.2	ug/kg
Cyclohexane	ND	6.2	ug/kg
Dibromochloromethane	ND	6.2	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg
1,2-Dibromoethane	ND	6.2	ug/kg
1,3-Dichlorobenzene	ND	6.2	ug/kg
1,4-Dichlorobenzene	ND	6.2	ug/kg
1,2-Dichlorobenzene	ND	6.2	ug/kg
Dichlorodifluoromethane	ND	6.2	ug/kg
1,1-Dichloroethane	ND	6.2	ug/kg
1,2-Dichloroethane	ND	6.2	ug/kg
1,1-Dichloroethene	ND	6.2	ug/kg
cis-1,2-Dichloroethene	ND	6.2	ug/kg
trans-1,2-Dichloroethene	ND	6.2	ug/kg
1,2-Dichloropropane	ND	6.2	ug/kg
cis-1,3-Dichloropropene	ND	6.2	ug/kg
trans-1,3-Dichloropropene	ND	6.2	ug/kg
Ethylbenzene	ND	6.2	ug/kg
2-Hexanone	ND	6.2	ug/kg
Isopropylbenzene	ND	6.2	ug/kg
Methyl acetate	ND	6.2	ug/kg
Methylene chloride	ND	6.2	ug/kg
Methylcyclohexane	ND	6.2	ug/kg
4-Methyl-2-pentanone	ND	6.2	ug/kg
Methyl tert-butyl ether	ND	6.2	ug/kg
Styrene	ND	6.2	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-20-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-006 **Work Order #...:** L98C61AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg
1,2,4-Trichloro-benzene	ND	6.2	ug/kg
Tetrachloroethene	ND	6.2	ug/kg
1,1,1-Trichloroethane	ND	6.2	ug/kg
1,1,2-Trichloroethane	ND	6.2	ug/kg
Trichloroethene	ND	6.2	ug/kg
Trichlorofluoromethane	ND	6.2	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg
Toluene	ND	6.2	ug/kg
Vinyl chloride	ND	6.2	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	80	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K180470-007 **Work Order #...:** L98C81AA **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 19:40
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/L
Benzene	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	5.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	5.0	ug/L
Carbon tetrachloride	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
Chloroethane	ND	5.0	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.0	ug/L
Cyclohexane	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L
1,2-Dibromoethane	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
Dichlorodifluoromethane	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
trans-1,3-Dichloropropene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	5.0	ug/L
Methyl acetate	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
Methylcyclohexane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	5.0	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K180470-007 **Work Order #...:** L98C81AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
1,2,4-Trichloro-benzene	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
Vinyl chloride	ND	5.0	ug/L
Xylenes (total)	ND	15	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(62 - 123)
Toluene-d8	89	(80 - 120)
4-Bromofluorobenzene	92	(75 - 120)
Dibromofluoromethane	96	(80 - 120)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L99N51AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K190000-065
Prep Date.....: 11/19/10 **Analysis Time..:** 06:09
Analysis Date..: 11/19/10 **Prep Batch #...:** 0323065
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L99N51AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	117	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** MAMHC1AA **Matrix.....:** WATER
MB Lot-Sample #: C0K300000-152
Prep Date.....: 11/29/10 **Analysis Time..:** 14:44
Analysis Date..: 11/29/10 **Prep Batch #...:** 0334152
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	5.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	5.0	ug/L	SW846 8260B
Cyclohexane	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** MAMHC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	SW846 8260B
Toluene	ND	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	5.0	ug/L	SW846 8260B
Xylenes (total)	ND	15	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(62 - 123)
Toluene-d8	94	(80 - 120)
4-Bromofluorobenzene	90	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L99N51AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K190000-065
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 06:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**94**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**99**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**96**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**100**	**(76 - 119)**	**SW846 8260B**
Toluene	**99**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L99N51AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K190000-065
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 06:55
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**37.6**	**ug/kg**	**94**	**SW846 8260B**
Chlorobenzene	**40.0**	**39.6**	**ug/kg**	**99**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**38.2**	**ug/kg**	**96**	**SW846 8260B**
Trichloroethene	**40.0**	**39.8**	**ug/kg**	**100**	**SW846 8260B**
Toluene	**40.0**	**39.6**	**ug/kg**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** MAMHC1AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K300000-152
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 16:40
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**86**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**90**	**(83 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**83**	**(69 - 127)**	**SW846 8260B**
Trichloroethene	**91**	**(80 - 120)**	**SW846 8260B**
Toluene	**96**	**(80 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(62 - 123)
Toluene-d8	95	(80 - 120)
4-Bromofluorobenzene	92	(75 - 120)
Dibromofluoromethane	85	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** MAMHC1AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K300000-152
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 16:40
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**34.4**	**ug/L**	**86**	**SW846 8260B**
Chlorobenzene	**40.0**	**36.2**	**ug/L**	**90**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**33.1**	**ug/L**	**83**	**SW846 8260B**
Trichloroethene	**40.0**	**36.4**	**ug/L**	**91**	**SW846 8260B**
Toluene	**40.0**	**38.3**	**ug/L**	**96**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(62 - 123)
Toluene-d8	95	(80 - 120)
4-Bromofluorobenzene	92	(75 - 120)
Dibromofluoromethane	85	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L96PE1AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K170477-001 L96PE1AH-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 07:17
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**99**	**(77 - 120)**			**SW846 8260B**
	93	**(77 - 120)**	**6.2**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**106**	**(79 - 120)**			**SW846 8260B**
	100	**(79 - 120)**	**5.8**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**88**	**(59 - 129)**			**SW846 8260B**
	76	**(59 - 129)**	**14**	**(0-25)**	**SW846 8260B**
Trichloroethene	**104**	**(76 - 119)**			**SW846 8260B**
	100	**(76 - 119)**	**4.1**	**(0-21)**	**SW846 8260B**
Toluene	**114**	**(78 - 124)**			**SW846 8260B**
	108	**(78 - 124)**	**5.0**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
	103	(52 - 124)
Toluene-d8	108	(72 - 127)
	109	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)
	96	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L96PE1AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K170477-001 L96PE1AH-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 07:17
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**46.0**	**45.3**	**ug/kg**	**99**		**SW846 8260B**
	ND	**46.0**	**42.6**	**ug/kg**	**93**	**6.2**	**SW846 8260B**
Chlorobenzene	**ND**	**46.0**	**48.9**	**ug/kg**	**106**		**SW846 8260B**
	ND	**46.0**	**46.1**	**ug/kg**	**100**	**5.8**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**46.0**	**40.4**	**ug/kg**	**88**		**SW846 8260B**
	ND	**46.0**	**35.0**	**ug/kg**	**76**	**14**	**SW846 8260B**
Trichloroethene	**ND**	**46.0**	**47.9**	**ug/kg**	**104**		**SW846 8260B**
	ND	**46.0**	**46.0**	**ug/kg**	**100**	**4.1**	**SW846 8260B**
Toluene	**ND**	**46.0**	**52.4**	**ug/kg**	**114**		**SW846 8260B**
	ND	**46.0**	**49.9**	**ug/kg**	**108**	**5.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
	103	(52 - 124)
Toluene-d8	108	(72 - 127)
	109	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)
	96	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L96E91AC-MS **Matrix.....:** WATER
MS Lot-Sample #: C0K170433-001 L96E91AD-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 17:10
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**85**	**(80 - 120)**			**SW846 8260B**
	87	**(80 - 120)**	**1.9**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**88**	**(83 - 120)**			**SW846 8260B**
	89	**(83 - 120)**	**1.0**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**78**	**(69 - 127)**			**SW846 8260B**
	82	**(69 - 127)**	**4.7**	**(0-20)**	**SW846 8260B**
Trichloroethene	**90**	**(80 - 120)**			**SW846 8260B**
	89	**(80 - 120)**	**0.83**	**(0-20)**	**SW846 8260B**
Toluene	**95**	**(80 - 124)**			**SW846 8260B**
	95	**(80 - 124)**	**0.15**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(62 - 123)
	91	(62 - 123)
Toluene-d8	96	(80 - 120)
	98	(80 - 120)
4-Bromofluorobenzene	90	(75 - 120)
	99	(75 - 120)
Dibromofluoromethane	86	(80 - 120)
	92	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L96E91AC-MS **Matrix.....:** WATER
MS Lot-Sample #: C0K170433-001 L96E91AD-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 17:10
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**40.0**	**34.0**	**ug/L**	**85**		**SW846 8260B**
	ND	**40.0**	**34.7**	**ug/L**	**87**	**1.9**	**SW846 8260B**
Chlorobenzene	**ND**	**40.0**	**35.3**	**ug/L**	**88**		**SW846 8260B**
	ND	**40.0**	**35.6**	**ug/L**	**89**	**1.0**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**40.0**	**31.3**	**ug/L**	**78**		**SW846 8260B**
	ND	**40.0**	**32.8**	**ug/L**	**82**	**4.7**	**SW846 8260B**
Trichloroethene	**ND**	**40.0**	**36.1**	**ug/L**	**90**		**SW846 8260B**
	ND	**40.0**	**35.8**	**ug/L**	**89**	**0.83**	**SW846 8260B**
Toluene	**ND**	**40.0**	**38.2**	**ug/L**	**95**		**SW846 8260B**
	ND	**40.0**	**38.1**	**ug/L**	**95**	**0.15**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(62 - 123)
	91	(62 - 123)
Toluene-d8	96	(80 - 120)
	98	(80 - 120)
4-Bromofluorobenzene	90	(75 - 120)
	99	(75 - 120)
Dibromofluoromethane	86	(80 - 120)
	92	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AE **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:**
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322106 **Analysis Time..:** 21:50
Dilution Factor: 0.96
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	1.9	ug/L
Acenaphthylene	ND	1.9	ug/L
Acetophenone	ND	9.6	ug/L
Anthracene	ND	1.9	ug/L
Atrazine	ND	9.6	ug/L
Benzo(a)anthracene	ND	1.9	ug/L
Benzo(a)pyrene	ND	1.9	ug/L
Benzo(b)fluoranthene	ND	1.9	ug/L
Benzo(ghi)perylene	ND	1.9	ug/L
Benzo(k)fluoranthene	ND	1.9	ug/L
Benzaldehyde	ND	9.6	ug/L
1,1'-Biphenyl	**17**	**9.6**	**ug/L**
bis(2-Chloroethoxy) methane	ND	9.6	ug/L
bis(2-Chloroethyl)-ether	ND	1.9	ug/L
bis(2-Ethylhexyl) phthalate	ND	19	ug/L
4-Bromophenyl phenyl ether	ND	9.6	ug/L
Butyl benzyl phthalate	ND	9.6	ug/L
Caprolactam	ND	48	ug/L
Carbazole	ND	1.9	ug/L
4-Chloroaniline	ND	9.6	ug/L
4-Chloro-3-methylphenol	ND	9.6	ug/L
2-Chloronaphthalene	ND	1.9	ug/L
2-Chlorophenol	ND	9.6	ug/L
4-Chlorophenyl phenyl ether	ND	9.6	ug/L
Chrysene	ND	1.9	ug/L
Dibenz(a,h)anthracene	ND	1.9	ug/L
Dibenzofuran	ND	9.6	ug/L
3,3'-Dichlorobenzidine	ND	9.6	ug/L
2,4-Dichlorophenol	ND	1.9	ug/L
Diethyl phthalate	ND	9.6	ug/L
2,4-Dimethylphenol	ND	9.6	ug/L
Dimethyl phthalate	ND	9.6	ug/L
Di-n-butyl phthalate	ND	9.6	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AE **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	48	ug/L
2,4-Dinitrophenol	ND	48	ug/L
2,4-Dinitrotoluene	ND	9.6	ug/L
2,6-Dinitrotoluene	ND	9.6	ug/L
Di-n-octyl phthalate	ND	9.6	ug/L
Fluoranthene	ND	1.9	ug/L
Fluorene	ND	1.9	ug/L
Hexachlorobenzene	ND	1.9	ug/L
Hexachlorobutadiene	ND	1.9	ug/L
Hexachlorocyclopenta-diene	ND	9.6	ug/L
Hexachloroethane	ND	9.6	ug/L
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L
Isophorone	**17**	**9.6**	**ug/L**
2-Methylnaphthalene	ND	1.9	ug/L
2-Methylphenol	**2.0 J**	**9.6**	**ug/L**
4-Methylphenol	**4.6 J**	**9.6**	**ug/L**
Naphthalene	**1.3 J**	**1.9**	**ug/L**
2-Nitroaniline	ND	48	ug/L
3-Nitroaniline	ND	48	ug/L
4-Nitroaniline	ND	48	ug/L
Nitrobenzene	ND	19	ug/L
2-Nitrophenol	ND	9.6	ug/L
4-Nitrophenol	ND	48	ug/L
N-Nitrosodi-n-propyl-amine	ND	1.9	ug/L
N-Nitrosodiphenylamine	ND	9.6	ug/L
2,2'-oxybis (1-Chloropropane)	ND	1.9	ug/L
Pentachlorophenol	ND	9.6	ug/L
Phenanthrene	ND	1.9	ug/L
Phenol	**2.4**	**1.9**	**ug/L**
Pyrene	ND	1.9	ug/L
2,4,5-Trichloro-phenol	ND	9.6	ug/L
2,4,6-Trichloro-phenol	ND	9.6	ug/L
1,3-Dichlorobenzene	ND	9.6	ug/L
1,4-Dichlorobenzene	ND	9.6	ug/L
1,2-Dichlorobenzene	ND	9.6	ug/L
1,2,4-Trichloro-benzene	ND	9.6	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AE **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(33 - 122)
2-Fluorobiphenyl	59	(35 - 108)
2-Fluorophenol	56	(26 - 100)
Nitrobenzene-d5	60	(37 - 104)
Phenol-d5	62	(30 - 102)
Terphenyl-d14	32	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AP **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:**
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322106 **Analysis Time..:** 22:10
Dilution Factor: 0.97
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	1.9	ug/L
Acenaphthylene	ND	1.9	ug/L
Acetophenone	ND	9.7	ug/L
Anthracene	ND	1.9	ug/L
Atrazine	ND	9.7	ug/L
Benzo(a)anthracene	ND	1.9	ug/L
Benzo(a)pyrene	ND	1.9	ug/L
Benzo(b)fluoranthene	ND	1.9	ug/L
Benzo(ghi)perylene	ND	1.9	ug/L
Benzo(k)fluoranthene	ND	1.9	ug/L
Benzaldehyde	ND	9.7	ug/L
1,1'-Biphenyl	**38**	**9.7**	**ug/L**
bis(2-Chloroethoxy) methane	ND	9.7	ug/L
bis(2-Chloroethyl)-ether	ND	1.9	ug/L
bis(2-Ethylhexyl) phthalate	ND	19	ug/L
4-Bromophenyl phenyl ether	ND	9.7	ug/L
Butyl benzyl phthalate	ND	9.7	ug/L
Caprolactam	ND	48	ug/L
Carbazole	ND	1.9	ug/L
4-Chloroaniline	ND	9.7	ug/L
4-Chloro-3-methylphenol	ND	9.7	ug/L
2-Chloronaphthalene	ND	1.9	ug/L
2-Chlorophenol	ND	9.7	ug/L
4-Chlorophenyl phenyl ether	ND	9.7	ug/L
Chrysene	ND	1.9	ug/L
Dibenz(a,h)anthracene	ND	1.9	ug/L
Dibenzofuran	ND	9.7	ug/L
3,3'-Dichlorobenzidine	ND	9.7	ug/L
2,4-Dichlorophenol	ND	1.9	ug/L
Diethyl phthalate	ND	9.7	ug/L
2,4-Dimethylphenol	ND	9.7	ug/L
Dimethyl phthalate	**1.3 J**	**9.7**	**ug/L**
Di-n-butyl phthalate	ND	9.7	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AP **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	48	ug/L
2,4-Dinitrophenol	ND	48	ug/L
2,4-Dinitrotoluene	ND	9.7	ug/L
2,6-Dinitrotoluene	ND	9.7	ug/L
Di-n-octyl phthalate	ND	9.7	ug/L
Fluoranthene	ND	1.9	ug/L
Fluorene	ND	1.9	ug/L
Hexachlorobenzene	ND	1.9	ug/L
Hexachlorobutadiene	ND	1.9	ug/L
Hexachlorocyclopenta-diene	ND	9.7	ug/L
Hexachloroethane	ND	9.7	ug/L
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L
Isophorone	**20**	**9.7**	**ug/L**
2-Methylnaphthalene	ND	1.9	ug/L
2-Methylphenol	**2.9 J**	**9.7**	**ug/L**
4-Methylphenol	**8.9 J**	**9.7**	**ug/L**
Naphthalene	**0.61 J**	**1.9**	**ug/L**
2-Nitroaniline	ND	48	ug/L
3-Nitroaniline	ND	48	ug/L
4-Nitroaniline	ND	48	ug/L
Nitrobenzene	ND	19	ug/L
2-Nitrophenol	ND	9.7	ug/L
4-Nitrophenol	ND	48	ug/L
N-Nitrosodi-n-propyl-amine	ND	1.9	ug/L
N-Nitrosodiphenylamine	ND	9.7	ug/L
2,2'-oxybis (1-Chloropropane)	ND	1.9	ug/L
Pentachlorophenol	ND	9.7	ug/L
Phenanthrene	ND	1.9	ug/L
Phenol	**3.3**	**1.9**	**ug/L**
Pyrene	ND	1.9	ug/L
2,4,5-Trichloro-phenol	ND	9.7	ug/L
2,4,6-Trichloro-phenol	ND	9.7	ug/L
1,3-Dichlorobenzene	ND	9.7	ug/L
1,4-Dichlorobenzene	ND	9.7	ug/L
1,2-Dichlorobenzene	ND	9.7	ug/L
1,2,4-Trichloro-benzene	ND	9.7	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AP **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	98	(33 - 122)
2-Fluorobiphenyl	70	(35 - 108)
2-Fluorophenol	67	(26 - 100)
Nitrobenzene-d5	69	(37 - 104)
Phenol-d5	73	(30 - 102)
Terphenyl-d14	58	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AA **Matrix.....:** WATER
MB Lot-Sample #: C0K180000-106
Prep Date.....: 11/18/10 **Analysis Time..:** 20:13
Analysis Date..: 11/19/10 **Prep Batch #...:** 0322106
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	2.0	ug/L	SW846 8270C
Acenaphthylene	ND	2.0	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	2.0	ug/L	SW846 8270C
Atrazine	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	2.0	ug/L	SW846 8270C
Benzo(a)pyrene	ND	2.0	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	2.0	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	2.0	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	2.0	ug/L	SW846 8270C
Benzaldehyde	ND	10	ug/L	SW846 8270C
1,1'-Biphenyl	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)- ether	ND	2.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	20	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
Caprolactam	ND	50	ug/L	SW846 8270C
Carbazole	ND	2.0	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	2.0	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	2.0	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	2.0	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	10	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Fluoranthene	ND	2.0	ug/L	SW846 8270C
Fluorene	ND	2.0	ug/L	SW846 8270C
Hexachlorobenzene	ND	2.0	ug/L	SW846 8270C
Hexachlorobutadiene	ND	2.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	2.0	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	2.0	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	2.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	2.0	ug/L	SW846 8270C
Pentachlorophenol	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	2.0	ug/L	SW846 8270C
Phenol	ND	2.0	ug/L	SW846 8270C
Pyrene	ND	2.0	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
1,3-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	105	(33 - 122)
2-Fluorobiphenyl	77	(35 - 108)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Fluorophenol	77	(26 - 100)		
Nitrobenzene-d5	77	(37 - 104)		
Phenol-d5	87	(30 - 102)		
Terphenyl-d14	107	(25 - 130)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-106 L97XW1AD-LCSD
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322106 **Analysis Time..:** 20:33
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	70	(39 - 106)			SW846 8270C
	77	(39 - 106)	9.1	(0-32)	SW846 8270C
4-Bromophenyl phenyl ether	82	(38 - 108)			SW846 8270C
	83	(38 - 108)	1.1	(0-40)	SW846 8270C
Butyl benzyl phthalate	82	(34 - 110)			SW846 8270C
	80	(34 - 110)	2.3	(0-35)	SW846 8270C
4-Chloro-3-methylphenol	72	(40 - 107)			SW846 8270C
	78	(40 - 107)	7.5	(0-32)	SW846 8270C
2-Chlorophenol	58	(34 - 100)			SW846 8270C
	66	(34 - 100)	13	(0-31)	SW846 8270C
2,4-Dinitrotoluene	84	(41 - 117)			SW846 8270C
	90	(41 - 117)	7.7	(0-32)	SW846 8270C
Hexachloroethane	43	(27 - 94)			SW846 8270C
	51	(27 - 94)	17	(0-43)	SW846 8270C
4-Methylphenol	67	(34 - 104)			SW846 8270C
	74	(34 - 104)	9.2	(0-34)	SW846 8270C
Naphthalene	60	(35 - 98)			SW846 8270C
	68	(35 - 98)	13	(0-39)	SW846 8270C
4-Nitrophenol	76	(29 - 120)			SW846 8270C
	74	(29 - 120)	3.5	(0-39)	SW846 8270C
N-Nitrosodi-n-propyl-amine	66	(37 - 106)			SW846 8270C
	73	(37 - 106)	11	(0-36)	SW846 8270C
Pentachlorophenol	81	(10 - 118)			SW846 8270C
	83	(10 - 118)	2.1	(0-49)	SW846 8270C
Phenol	55	(35 - 98)			SW846 8270C
	59	(35 - 98)	8.5	(0-35)	SW846 8270C
Pyrene	63	(36 - 115)			SW846 8270C
	61	(36 - 115)	2.4	(0-38)	SW846 8270C
1,4-Dichlorobenzene	44	(32 - 94)			SW846 8270C
	53	(32 - 94)	17	(0-33)	SW846 8270C
1,2,4-Trichloro-benzene	56	(36 - 97)			SW846 8270C
	62	(36 - 97)	10	(0-32)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-106 L97XW1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	99	(33 - 122)
	109	(33 - 122)
2-Fluorobiphenyl	70	(35 - 108)
	76	(35 - 108)
2-Fluorophenol	55	(26 - 100)
	64	(26 - 100)
Nitrobenzene-d5	62	(37 - 104)
	70	(37 - 104)
Phenol-d5	62	(30 - 102)
	67	(30 - 102)
Terphenyl-d14	64	(25 - 130)
	61	(25 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-106 L97XW1AD-LCSD
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322106 **Analysis Time..:** 20:33
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	200	141	ug/L	70		SW846 8270C
	200	154	ug/L	77	9.1	SW846 8270C
4-Bromophenyl phenyl ether	200	163	ug/L	82		SW846 8270C
	200	165	ug/L	83	1.1	SW846 8270C
Butyl benzyl phthalate	200	164	ug/L	82		SW846 8270C
	200	160	ug/L	80	2.3	SW846 8270C
4-Chloro-3-methylphenol	200	144	ug/L	72		SW846 8270C
	200	155	ug/L	78	7.5	SW846 8270C
2-Chlorophenol	200	116	ug/L	58		SW846 8270C
	200	132	ug/L	66	13	SW846 8270C
2,4-Dinitrotoluene	200	167	ug/L	84		SW846 8270C
	200	181	ug/L	90	7.7	SW846 8270C
Hexachloroethane	200	86.6	ug/L	43		SW846 8270C
	200	102	ug/L	51	17	SW846 8270C
4-Methylphenol	400	268	ug/L	67		SW846 8270C
	400	294	ug/L	74	9.2	SW846 8270C
Naphthalene	200	120	ug/L	60		SW846 8270C
	200	136	ug/L	68	13	SW846 8270C
4-Nitrophenol	200	153	ug/L	76		SW846 8270C
	200	147	ug/L	74	3.5	SW846 8270C
N-Nitrosodi-n-propyl-amine	200	131	ug/L	66		SW846 8270C
	200	146	ug/L	73	11	SW846 8270C
Pentachlorophenol	200	163	ug/L	81		SW846 8270C
	200	166	ug/L	83	2.1	SW846 8270C
Phenol	200	109	ug/L	55		SW846 8270C
	200	119	ug/L	59	8.5	SW846 8270C
Pyrene	200	125	ug/L	63		SW846 8270C
	200	122	ug/L	61	2.4	SW846 8270C
1,4-Dichlorobenzene	200	88.5	ug/L	44		SW846 8270C
	200	105	ug/L	53	17	SW846 8270C
1,2,4-Trichloro-benzene	200	112	ug/L	56		SW846 8270C
	200	124	ug/L	62	10	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-106 L97XW1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	99	(33 - 122)
	109	(33 - 122)
2-Fluorobiphenyl	70	(35 - 108)
	76	(35 - 108)
2-Fluorophenol	55	(26 - 100)
	64	(26 - 100)
Nitrobenzene-d5	62	(37 - 104)
	70	(37 - 104)
Phenol-d5	62	(30 - 102)
	67	(30 - 102)
Terphenyl-d14	64	(25 - 130)
	61	(25 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC Semivolatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AG **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:**
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322367 **Analysis Time..:** 09:56
Dilution Factor: 0.95

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	0.38	ug/L
Aroclor 1221	ND	0.38	ug/L
Aroclor 1232	ND	0.38	ug/L
Aroclor 1242	ND	0.38	ug/L
Aroclor 1248	ND	0.38	ug/L
Aroclor 1254	ND	0.38	ug/L
Aroclor 1260	ND	0.38	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(35 - 140)
Decachlorobiphenyl	84	(35 - 140)

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC Semivolatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AR **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:**
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322367 **Analysis Time..:** 10:22
Dilution Factor: 0.96

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	0.38	ug/L
Aroclor 1221	ND	0.38	ug/L
Aroclor 1232	ND	0.38	ug/L
Aroclor 1242	ND	0.38	ug/L
Aroclor 1248	ND	0.38	ug/L
Aroclor 1254	ND	0.38	ug/L
Aroclor 1260	ND	0.38	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(35 - 140)
Decachlorobiphenyl	89	(35 - 140)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L987F1AA **Matrix.....:** WATER
MB Lot-Sample #: C0K180000-367
Prep Date.....: 11/18/10 **Analysis Time..:** 10:47
Analysis Date..: 11/19/10 **Prep Batch #...:** 0322367
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.40	ug/L	SW846 8082
Aroclor 1221	ND	0.40	ug/L	SW846 8082
Aroclor 1232	ND	0.40	ug/L	SW846 8082
Aroclor 1242	ND	0.40	ug/L	SW846 8082
Aroclor 1248	ND	0.40	ug/L	SW846 8082
Aroclor 1254	ND	0.40	ug/L	SW846 8082
Aroclor 1260	ND	0.40	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(35 - 140)
Decachlorobiphenyl	91	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L987F1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-367 L987F1AD-LCSD
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322367 **Analysis Time..:** 11:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**87**	**(60 - 130)**			**SW846 8082**
	88	**(60 - 130)**	**0.90**	**(0-27)**	**SW846 8082**
Aroclor 1260	**83**	**(60 - 130)**			**SW846 8082**
	81	**(60 - 130)**	**3.1**	**(0-24)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(35 - 140)
	112	(35 - 140)
Decachlorobiphenyl	91	(35 - 140)
	89	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L987F1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-367 L987F1AD-LCSD
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322367 **Analysis Time..:** 11:13
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**40.0**	**35.0**	**ug/L**	**87**		**SW846 8082**
	40.0	**35.3**	**ug/L**	**88**	**0.90**	**SW846 8082**
Aroclor 1260	**40.0**	**33.4**	**ug/L**	**83**		**SW846 8082**
	40.0	**32.3**	**ug/L**	**81**	**3.1**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(35 - 140)
	112	(35 - 140)
Decachlorobiphenyl	91	(35 - 140)
	89	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

TOTAL Metals

Lot-Sample #...: C0K180470-001 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322426						
Silver	**1.0 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AH**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Aluminum	**6830**	**200**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AJ**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Arsenic	**5.7 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AK**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Barium	**95.4 B**	**200**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AL**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Beryllium	ND	4.0	ug/L	SW846 6010B	11/18-11/19/10	L98CJ1AM
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Calcium	**44600**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AN**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Cadmium	**0.45 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AP**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Cobalt	**13.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AQ**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Chromium	**9.1**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AR**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Copper	**107**	**25.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AT**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Iron	**17400**	**100**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AU**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Potassium	**2900 B**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AV**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

TOTAL Metals

Lot-Sample #...: C0K180470-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**7610**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AW**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Manganese	**1460**	**15.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AX**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Sodium	**7330**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A0**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Nickel	**16.1 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A1**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Lead	**73.1**	**3.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A2**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Selenium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L98CJ1A3
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Thallium	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L98CJ1A4
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Antimony	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L98CJ1A5
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Vanadium	**11.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A6**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Zinc	**141**	**20.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A7**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	

Prep Batch #...: 0323115

Mercury	**0.073 B**	**0.20**	**ug/L**	**SW846 7470A**	**11/19/10**	**L98CJ1A8**
		Dilution Factor: 1		Analysis Time..: 17:10	MS Run #.....: 0323076	

NOTE(S):

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

TOTAL Metals

Lot-Sample #...: C0K180470-002 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322426						
Silver	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1AT
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Aluminum	**3290**	**200**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AU**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Arsenic	**3.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AV**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Barium	**61.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AW**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Beryllium	ND	4.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1AX
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Calcium	**46600**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A0**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Cadmium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1A1
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Cobalt	**5.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A2**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Chromium	**3.8 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A3**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Copper	**14.2 B**	**25.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A4**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Iron	**4960**	**100**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A5**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Potassium	**2240 B**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A6**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

TOTAL Metals

Lot-Sample #...: C0K180470-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**7700**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A7**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Manganese	**937**	**15.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A8**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Sodium	**7230**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AA**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Nickel	**5.5 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AC**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Lead	**237**	**3.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AD**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Selenium	**3.8 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AE**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Thallium	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1AF
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Antimony	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1AG
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Vanadium	**6.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AH**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Zinc	**52.0**	**20.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AJ**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	

Prep Batch #...: 0323115

Mercury	ND	0.20	ug/L	SW846 7470A	11/19/10	L98CN1AK
		Dilution Factor: 1		Analysis Time..: 17:12	MS Run #.....: 0323076	

NOTE(S):

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-17-111710

TOTAL Metals

Lot-Sample #...: C0K180470-003 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322439						
Lead	**21.0**	**0.34**	**mg/kg**	**SW846 6010B**	**11/18-11/19/10**	**L98CP1AC**
		Dilution Factor: 0.98		Analysis Time..: 10:32	MS Run #.....: 0322264	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-18-111710

TOTAL Metals

Lot-Sample #...: C0K180470-004 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322439						
Lead	**36.6**	**0.35**	**mg/kg**	**SW846 6010B**	**11/18-11/19/10**	**L98C21AC**
		Dilution Factor: 0.99		Analysis Time..: 10:15	MS Run #.....: 0322264	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-19-111710

TOTAL Metals

Lot-Sample #...: C0K180470-005 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322439						
Lead	**14.5**	**0.34**	**mg/kg**	**SW846 6010B**	**11/18-11/19/10**	**L98C31AC**
		Dilution Factor: 0.97		Analysis Time..: 10:21	MS Run #.....: 0322264	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-20-111710

TOTAL Metals

Lot-Sample #...: C0K180470-006 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322439						
Lead	**18.3**	**0.40**	**mg/kg**	**SW846 6010B**	**11/18-11/19/10**	**L98C61AD**
		Dilution Factor: 0.99		Analysis Time..: 10:26	MS Run #.....: 0322264	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K180000-426 **Prep Batch #...:** 0322426						
Silver	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AA
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Aluminum	ND	200	ug/L	SW846 6010B	11/18-11/19/10	L99E61AC
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Arsenic	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AD
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Barium	ND	200	ug/L	SW846 6010B	11/18-11/19/10	L99E61AE
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Beryllium	ND	4.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AF
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Calcium	ND	5000	ug/L	SW846 6010B	11/18-11/19/10	L99E61AG
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AH
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AJ
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Chromium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AK
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Copper	ND	25.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AL
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Iron	ND	100	ug/L	SW846 6010B	11/18-11/19/10	L99E61AM
		Dilution Factor: 1				
		Analysis Time..: 09:04				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	11/18-11/19/10	L99E61AN
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Magnesium	ND	5000	ug/L	SW846 6010B	11/18-11/19/10	L99E61AP
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Manganese	ND	15.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AQ
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Sodium	ND	5000	ug/L	SW846 6010B	11/18-11/19/10	L99E61AR
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Nickel	ND	40.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AT
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Lead	ND	3.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AU
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Selenium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AV
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Thallium	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AW
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Antimony	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AX
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61A0
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Zinc	ND	20.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61A1
		Dilution Factor: 1				
		Analysis Time..: 09:04				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K190000-115 **Prep Batch #...:** 0323115						
Mercury	ND	0.20	ug/L	SW846 7470A	11/19/10	L99T41AA
		Dilution Factor: 1				
		Analysis Time..: 17:07				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K180000-439 **Prep Batch #...:** 0322439						
Lead	ND	0.30	mg/kg	SW846 6010B	11/18-11/19/10	L99GH1AU
		Dilution Factor: 1				
		Analysis Time..: 09:48				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K180000-426 **Prep Batch #...:** 0322426					
Silver	101	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A2
		Dilution Factor: 1	Analysis Time..: 09:10		
Aluminum	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A3
		Dilution Factor: 1	Analysis Time..: 09:10		
Arsenic	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A4
		Dilution Factor: 1	Analysis Time..: 09:10		
Barium	98	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A5
		Dilution Factor: 1	Analysis Time..: 09:10		
Beryllium	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A6
		Dilution Factor: 1	Analysis Time..: 09:10		
Calcium	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A7
		Dilution Factor: 1	Analysis Time..: 09:10		
Cadmium	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A8
		Dilution Factor: 1	Analysis Time..: 09:10		
Cobalt	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A9
		Dilution Factor: 1	Analysis Time..: 09:10		
Chromium	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CA
		Dilution Factor: 1	Analysis Time..: 09:10		
Copper	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CC
		Dilution Factor: 1	Analysis Time..: 09:10		
Iron	90	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CD
		Dilution Factor: 1	Analysis Time..: 09:10		
Potassium	95	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CE
		Dilution Factor: 1	Analysis Time..: 09:10		
Magnesium	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CF
		Dilution Factor: 1	Analysis Time..: 09:10		
Manganese	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CG
		Dilution Factor: 1	Analysis Time..: 09:10		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CH
		Dilution Factor: 1	Analysis Time..: 09:10		
Nickel	95	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CJ
		Dilution Factor: 1	Analysis Time..: 09:10		
Lead	95	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CK
		Dilution Factor: 1	Analysis Time..: 09:10		
Selenium	95	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CL
		Dilution Factor: 1	Analysis Time..: 09:10		
Thallium	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CM
		Dilution Factor: 1	Analysis Time..: 09:10		
Antimony	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CN
		Dilution Factor: 1	Analysis Time..: 09:10		
Vanadium	98	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CP
		Dilution Factor: 1	Analysis Time..: 09:10		
Zinc	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CQ
		Dilution Factor: 1	Analysis Time..: 09:10		

LCS Lot-Sample#: C0K190000-115 **Prep Batch #...:** 0323115

Mercury	104	(80 - 120)	SW846 7470A	11/19/10	L99T41AC
		Dilution Factor: 1	Analysis Time..: 17:08		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K180000-426 **Prep Batch #...:** 0322426							
Silver	50.0	50.7	ug/L	101	SW846 6010B	11/18-11/19/10	L99E61A2
			Dilution Factor: 1		Analysis Time..: 09:10		
Aluminum	2000	1970	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61A3
			Dilution Factor: 1		Analysis Time..: 09:10		
Arsenic	2000	1930	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61A4
			Dilution Factor: 1		Analysis Time..: 09:10		
Barium	2000	1960	ug/L	98	SW846 6010B	11/18-11/19/10	L99E61A5
			Dilution Factor: 1		Analysis Time..: 09:10		
Beryllium	50.0	48.7	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61A6
			Dilution Factor: 1		Analysis Time..: 09:10		
Calcium	50000	49500	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61A7
			Dilution Factor: 1		Analysis Time..: 09:10		
Cadmium	50.0	47.8	ug/L	96	SW846 6010B	11/18-11/19/10	L99E61A8
			Dilution Factor: 1		Analysis Time..: 09:10		
Cobalt	500	480	ug/L	96	SW846 6010B	11/18-11/19/10	L99E61A9
			Dilution Factor: 1		Analysis Time..: 09:10		
Chromium	200	195	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61CA
			Dilution Factor: 1		Analysis Time..: 09:10		
Copper	250	247	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61CC
			Dilution Factor: 1		Analysis Time..: 09:10		
Iron	1000	896	ug/L	90	SW846 6010B	11/18-11/19/10	L99E61CD
			Dilution Factor: 1		Analysis Time..: 09:10		
Potassium	50000	47600	ug/L	95	SW846 6010B	11/18-11/19/10	L99E61CE
			Dilution Factor: 1		Analysis Time..: 09:10		
Magnesium	50000	48700	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61CF
			Dilution Factor: 1		Analysis Time..: 09:10		
Manganese	500	481	ug/L	96	SW846 6010B	11/18-11/19/10	L99E61CG
			Dilution Factor: 1		Analysis Time..: 09:10		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	50000	49500	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61CH
			Dilution Factor: 1		Analysis Time..: 09:10		
Nickel	500	476	ug/L	95	SW846 6010B	11/18-11/19/10	L99E61CJ
			Dilution Factor: 1		Analysis Time..: 09:10		
Lead	500	474	ug/L	95	SW846 6010B	11/18-11/19/10	L99E61CK
			Dilution Factor: 1		Analysis Time..: 09:10		
Selenium	2000	1900	ug/L	95	SW846 6010B	11/18-11/19/10	L99E61CL
			Dilution Factor: 1		Analysis Time..: 09:10		
Thallium	2000	1920	ug/L	96	SW846 6010B	11/18-11/19/10	L99E61CM
			Dilution Factor: 1		Analysis Time..: 09:10		
Antimony	500	486	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61CN
			Dilution Factor: 1		Analysis Time..: 09:10		
Vanadium	500	490	ug/L	98	SW846 6010B	11/18-11/19/10	L99E61CP
			Dilution Factor: 1		Analysis Time..: 09:10		
Zinc	500	496	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61CQ
			Dilution Factor: 1		Analysis Time..: 09:10		

LCS Lot-Sample#: C0K190000-115 **Prep Batch #...:** 0323115

Mercury	2.50	2.61	ug/L	104	SW846 7470A	11/19/10	L99T41AC
			Dilution Factor: 1		Analysis Time..: 17:08		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K180000-439 **Prep Batch #...:** 0322439					
Lead	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99GH1CK
		Dilution Factor: 1	Analysis Time..: 09:53		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K180000-439 **Prep Batch #...:** 0322439							
Lead	50.0	47.8	mg/kg	96	SW846 6010B	11/18-11/19/10	L99GH1CK
		Dilution Factor: 1			Analysis Time..: 09:53		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/04/10 **Date Received..:** 11/05/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K050507-001 **Prep Batch #...:** 0323115							
Mercury	108	(75 - 125)			SW846 7470A	11/19/10	L9L031A6
	106	(75 - 125)	1.9	(0-20)	SW846 7470A	11/19/10	L9L031A7

Dilution Factor: 1
Analysis Time..: 17:15
MS Run #.....: 0323076

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/04/10 **Date Received..:** 11/05/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K050507-001 **Prep Batch #...:** 0323115									
Mercury									
	ND	1.00	1.08	ug/L	108		SW846 7470A	11/19/10	L9L031A6
	ND	1.00	1.06	ug/L	106	1.9	SW846 7470A	11/19/10	L9L031A7

Dilution Factor: 1
Analysis Time..: 17:15
MS Run #.....: 0323076

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K180470-001 **Prep Batch #...:** 0322426							
Silver	98	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1A9
	100	(75 - 125)	1.7	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CA
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Aluminum	269 N	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CC
	246 N	(75 - 125)	3.9	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CD
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Arsenic	94	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CE
	95	(75 - 125)	1.5	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CF
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Barium	97	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CG
	98	(75 - 125)	0.67	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CH
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Beryllium	94	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CJ
	96	(75 - 125)	2.2	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CK
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Calcium	95	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CL
	98	(75 - 125)	1.9	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CM
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Cadmium	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CN
	92	(75 - 125)	0.94	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CP
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	93	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CQ
	94	(75 - 125)	1.4	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CR
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Chromium	95	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CT
	97	(75 - 125)	1.4	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CU
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Copper	99	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CV
	100	(75 - 125)	0.43	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CW
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Iron	NC	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CX
	NC	(75 - 125)		(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C0
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Potassium	97	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C1
	98	(75 - 125)	1.6	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C2
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Magnesium	94	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C3
	97	(75 - 125)	2.1	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C4
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Manganese	93	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C5
	97	(75 - 125)	1.0	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C6
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	97	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C7
	100	(75 - 125)	2.0	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C8
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Nickel	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C9
	93	(75 - 125)	1.5	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DA
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Lead	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DC
	93	(75 - 125)	0.90	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DD
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Selenium	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DE
	93	(75 - 125)	1.0	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DF
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Thallium	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DG
	94	(75 - 125)	1.9	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DH
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Antimony	95	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DJ
	96	(75 - 125)	0.95	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DK
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Vanadium	95	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DL
	97	(75 - 125)	1.6	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DM
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	96	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DN
	97	(75 - 125)	1.1	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DP

Dilution Factor: 1
Analysis Time..: 09:32
MS Run #.....: 0322257

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K180470-001 **Prep Batch #...:** 0322426									
Silver									
	1.0	50.0	50.0	ug/L	98		SW846 6010B	11/18-11/19/10	L98CJ1A9
	1.0	50.0	50.9	ug/L	100	1.7	SW846 6010B	11/18-11/19/10	L98CJ1CA
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Aluminum									
	6830	2000	12200 N	ug/L	269		SW846 6010B	11/18-11/19/10	L98CJ1CC
	6830	2000	11700 N	ug/L	246	3.9	SW846 6010B	11/18-11/19/10	L98CJ1CD
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Arsenic									
	5.7	2000	1880	ug/L	94		SW846 6010B	11/18-11/19/10	L98CJ1CE
	5.7	2000	1910	ug/L	95	1.5	SW846 6010B	11/18-11/19/10	L98CJ1CF
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Barium									
	95.4	2000	2040	ug/L	97		SW846 6010B	11/18-11/19/10	L98CJ1CG
	95.4	2000	2050	ug/L	98	0.67	SW846 6010B	11/18-11/19/10	L98CJ1CH
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Beryllium									
	ND	50.0	47.0	ug/L	94		SW846 6010B	11/18-11/19/10	L98CJ1CJ
	ND	50.0	48.0	ug/L	96	2.2	SW846 6010B	11/18-11/19/10	L98CJ1CK
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Calcium									
	44600	50000	92000	ug/L	95		SW846 6010B	11/18-11/19/10	L98CJ1CL
	44600	50000	93800	ug/L	98	1.9	SW846 6010B	11/18-11/19/10	L98CJ1CM
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	0.45	50.0	46.2	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1CN
	0.45	50.0	46.7	ug/L	92	0.94	SW846 6010B	11/18-11/19/10	L98CJ1CP
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Cobalt									
	13.2	500	478	ug/L	93		SW846 6010B	11/18-11/19/10	L98CJ1CQ
	13.2	500	485	ug/L	94	1.4	SW846 6010B	11/18-11/19/10	L98CJ1CR
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Chromium									
	9.1	200	199	ug/L	95		SW846 6010B	11/18-11/19/10	L98CJ1CT
	9.1	200	202	ug/L	97	1.4	SW846 6010B	11/18-11/19/10	L98CJ1CU
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Copper									
	107	250	355	ug/L	99		SW846 6010B	11/18-11/19/10	L98CJ1CV
	107	250	357	ug/L	100	0.43	SW846 6010B	11/18-11/19/10	L98CJ1CW
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Iron									
	17400	1000	18300	ug/L			SW846 6010B	11/18-11/19/10	L98CJ1CX
			Qualifiers: NC						
	17400	1000	18100	ug/L			SW846 6010B	11/18-11/19/10	L98CJ1C0
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Potassium									
	2900	50000	51300	ug/L	97		SW846 6010B	11/18-11/19/10	L98CJ1C1
	2900	50000	52100	ug/L	98	1.6	SW846 6010B	11/18-11/19/10	L98CJ1C2
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	7610	50000	54800	ug/L	94		SW846 6010B	11/18-11/19/10	L98CJ1C3
	7610	50000	56000	ug/L	97	2.1	SW846 6010B	11/18-11/19/10	L98CJ1C4
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Manganese									
	1460	500	1920	ug/L	93		SW846 6010B	11/18-11/19/10	L98CJ1C5
	1460	500	1940	ug/L	97	1.0	SW846 6010B	11/18-11/19/10	L98CJ1C6
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Sodium									
	7330	50000	56000	ug/L	97		SW846 6010B	11/18-11/19/10	L98CJ1C7
	7330	50000	57100	ug/L	100	2.0	SW846 6010B	11/18-11/19/10	L98CJ1C8
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Nickel									
	16.1	500	475	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1C9
	16.1	500	482	ug/L	93	1.5	SW846 6010B	11/18-11/19/10	L98CJ1DA
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Lead									
	73.1	500	532	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1DC
	73.1	500	537	ug/L	93	0.90	SW846 6010B	11/18-11/19/10	L98CJ1DD
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Selenium									
	ND	2000	1850	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1DE
	ND	2000	1870	ug/L	93	1.0	SW846 6010B	11/18-11/19/10	L98CJ1DF
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	2000	1840	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1DG
	ND	2000	1880	ug/L	94	1.9	SW846 6010B	11/18-11/19/10	L98CJ1DH
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Antimony									
	ND	500	475	ug/L	95		SW846 6010B	11/18-11/19/10	L98CJ1DJ
	ND	500	479	ug/L	96	0.95	SW846 6010B	11/18-11/19/10	L98CJ1DK
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Vanadium									
	11.0	500	488	ug/L	95		SW846 6010B	11/18-11/19/10	L98CJ1DL
	11.0	500	496	ug/L	97	1.6	SW846 6010B	11/18-11/19/10	L98CJ1DM
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Zinc									
	141	500	621	ug/L	96		SW846 6010B	11/18-11/19/10	L98CJ1DN
	141	500	627	ug/L	97	1.1	SW846 6010B	11/18-11/19/10	L98CJ1DP
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/17/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K180480-001 **Prep Batch #...:** 0322439						**% Moisture.....:** 9.9	
Lead	90	(75 - 125)			SW846 6010B	11/18-11/19/10	L98FK1DC
	80	(75 - 125)	4.4	(0-20)	SW846 6010B	11/18-11/19/10	L98FK1DD

Dilution Factor: 0.84
Analysis Time..: 10:48
MS Run #.....: 0322264

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/17/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K180480-001 **Prep Batch #...:** 0322439									
								% Moisture.....: 9.9	
Lead									
	9.4	46.6	51.3	mg/kg	90		SW846 6010B	11/18-11/19/10	L98FK1DC
	9.4	49.4	49.1	mg/kg	80	4.4	SW846 6010B	11/18-11/19/10	L98FK1DD
			Dilution Factor: 0.84						
			Analysis Time..: 10:48						
			MS Run #.....: 0322264						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

General Chemistry

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)	**18.0**	**5.8**	**mg/L**	**CFR136A 1664A HEM**	**11/19/10**	**0323097**
		Dilution Factor: 1.15		Analysis Time..: 07:05	MS Run #.....:	
Total Dissolved Solids	**165**	**10.0**	**mg/L**	**SM20 2540C**	**11/19/10**	**0323047**
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....: 0323028	
Total Suspended Solids	**231**	**4.0**	**mg/L**	**SM20 2540D**	**11/19/10**	**0323050**
		Dilution Factor: 1		Analysis Time..: 13:15	MS Run #.....: 0323029	

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

General Chemistry

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)	**17.7**	**5.2**	**mg/L**	**CFR136A 1664A HEM**	**11/19/10**	**0323097**
		Dilution Factor: 1.05		Analysis Time..: 07:05	MS Run #.....:	
Total Dissolved Solids	**166**	**10.0**	**mg/L**	**SM20 2540C**	**11/19/10**	**0323047**
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....: 0323028	
Total Suspended Solids	**62.0**	**4.0**	**mg/L**	**SM20 2540D**	**11/19/10**	**0323050**
		Dilution Factor: 1		Analysis Time..: 13:15	MS Run #.....: 0323029	

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-17-111710

General Chemistry

Lot-Sample #...: C0K180470-003 **Work Order #...:** L98CP **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.2**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322339**
	Dilution Factor: 1			Analysis Time..: 08:21	MS Run #.....: 0322205	

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-18-111710

General Chemistry

Lot-Sample #...: C0K180470-004 **Work Order #...:** L98C2 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.7**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322339**

Dilution Factor: 1 Analysis Time..: 08:21 MS Run #.....: 0322205

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-19-111710

General Chemistry

Lot-Sample #...: C0K180470-005 **Work Order #...:** L98C3 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.5**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322339**

Dilution Factor: 1 Analysis Time..: 08:21 MS Run #.....: 0322205

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-20-111710

General Chemistry

Lot-Sample #...: C0K180470-006 **Work Order #...:** L98C6 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**74.5**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322339**

Dilution Factor: 1 Analysis Time..: 08:21 MS Run #.....: 0322205

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)		Work Order #: L99RR1AA		MB Lot-Sample #:	C0K190000-097	
	ND	5.0	mg/L	CFR136A 1664A HEM	11/19/10	0323097
		Dilution Factor: 1				
		Analysis Time..: 07:05				
Total Dissolved Solids		Work Order #: L99N31AA		MB Lot-Sample #:	C0K190000-047	
	ND	10.0	mg/L	SM20 2540C	11/19/10	0323047
		Dilution Factor: 1				
		Analysis Time..: 13:45				
Total Suspended Solids		Work Order #: L99N41AA		MB Lot-Sample #:	C0K190000-050	
	ND	4.0	mg/L	SM20 2540D	11/19/10	0323050
		Dilution Factor: 1				
		Analysis Time..: 13:15				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: C0K180470 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)	WO#:L99RR1AC-LCS/L99RR1AD-LCSD					LCS Lot-Sample#: C0K190000-097	
	90	(78 - 114)			CFR136A 1664A HEM	11/19/10	0323097
	89	(78 - 114)	1.1	(0-18)	CFR136A 1664A HEM	11/19/10	0323097

Dilution Factor: 1 Analysis Time..: 07:05

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: C0K180470 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)	WO#:L99RR1AC-LCS/L99RR1AD-LCSD LCS Lot-Sample#: C0K190000-097							
	40.0	36.0	mg/L	90		CFR136A 1664A HEM	11/19/10	0323097
	40.0	35.6	mg/L	89	1.1	CFR136A 1664A HEM	11/19/10	0323097

Dilution Factor: 1 Analysis Time..: 07:05

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: L99N31AC	LCS Lot-Sample#: C0K190000-047		
	83	(80 - 120)	SM20 2540C	11/19/10	0323047
		Dilution Factor: 1	Analysis Time..: 13:45		
Total Suspended Solids		Work Order #: L99N41AC	LCS Lot-Sample#: C0K190000-050		
	94	(80 - 120)	SM20 2540D	11/19/10	0323050
		Dilution Factor: 1	Analysis Time..: 13:15		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids			Work Order #: L99N31AC		LCS Lot-Sample#: C0K190000-047		
	295	244	mg/L	83	SM20 2540C	11/19/10	0323047
			Dilution Factor: 1		Analysis Time..: 13:45		
Total Suspended Solids			Work Order #: L99N41AC		LCS Lot-Sample#: C0K190000-050		
	64.0	60.0	mg/L	94	SM20 2540D	11/19/10	0323050
			Dilution Factor: 1		Analysis Time..: 13:15		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K180470 **Work Order #...:** L98CP-SMP **Matrix.....:** SOLID
L98CP-DUP
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K180470-003		
	87.2	83.5	%	4.3	(0-20)	SM20 2540G	11/18-11/19/10	0322339

Dilution Factor: 1 Analysis Time..: 08:21 MS Run Number..: 0322205

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K180470 **Work Order #...:** L98CJ-SMP L98CJ-DUP **Matrix.....:** WATER

Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: C0K180470-001		
	165	187	mg/L	12	(0-20)	SM20 2540C	11/19/10	0323047
			Dilution Factor: 1			Analysis Time..: 13:45	MS Run Number..: 0323028	
Total Suspended Solids						SD Lot-Sample #: C0K180470-001		
	231	266	mg/L	14	(0-20)	SM20 2540D	11/19/10	0323050
			Dilution Factor: 1			Analysis Time..: 13:15	MS Run Number..: 0323029	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

TestAmerica Job ID: 180-6030-1
Client Project/Site: Schmigel, Hoosick Falls, NY

For:
AMEC E&I, Inc
700 North Bell Avenue, Suite 200
Carnegie, Pennsylvania 15106

Attn: Eric Weiler

Authorized for release by:
12/7/2011 7:49:25 AM

Carrie Gamber
Project Manager II
carrie.gamber@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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Job ID: 180-6030-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-6030-1

Receipt
Sample Overpack 10-1111 was marked on the chain of custody for total voas and total lead. The jars received were for waste parameters. Per Rob Crowley, AMEC on November 21, 2011, this sample was analyzed for waste parameters.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
PCBs were not listed on the chain of custody, the analysis was requested on
No analytical or quality issues were noted.

Metals
The following samples were diluted due to the abundance of barium and lead : Overpack-1-111 (180-6030-1 MS) and Overpack-1-1111 (180-6030-1 MSD). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

General Chemistry

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pittsburgh	ACLASS	DoD ELAP		ADE-1422
TestAmerica Pittsburgh	Arkansas	State Program	6	88-0690
TestAmerica Pittsburgh	California	NELAC	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAC	4	E871008
TestAmerica Pittsburgh	Illinois	NELAC	5	002602
TestAmerica Pittsburgh	Kansas	NELAC	7	E-10350
TestAmerica Pittsburgh	Louisiana	NELAC	6	04041
TestAmerica Pittsburgh	New Hampshire	NELAC	1	203011
TestAmerica Pittsburgh	New Jersey	NELAC	2	PA005
TestAmerica Pittsburgh	New York	NELAC	2	11182
TestAmerica Pittsburgh	North Carolina	North Carolina DENR	4	434
TestAmerica Pittsburgh	Pennsylvania	NELAC	3	02-00416
TestAmerica Pittsburgh	Pennsylvania	State Program	3	02-416
TestAmerica Pittsburgh	South Carolina	State Program	4	89014002
TestAmerica Pittsburgh	USDA	USDA		P330-10-00139
TestAmerica Pittsburgh	USDA	USDA		P-Soil-01
TestAmerica Pittsburgh	Utah	NELAC	8	STLP
TestAmerica Pittsburgh	Virginia	NELAC	3	460189
TestAmerica Pittsburgh	West Virginia	West Virginia DEP	3	142
TestAmerica Pittsburgh	Wisconsin	State Program	5	998027800

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Sample Summary

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-6030-1	OVERPACK-1-1111	Solid	11/16/11 09:15	11/18/11 08:00
180-6030-2	OVERPACK-2-1111	Solid	11/16/11 09:30	11/18/11 08:00
180-6030-3	OVERPACK-3-1111	Solid	11/16/11 11:45	11/18/11 08:00
180-6030-4	OVERPACK-4-1111	Solid	11/16/11 13:30	11/18/11 08:00
180-6030-5	OVERPACK-5-1111	Solid	11/16/11 13:45	11/18/11 08:00
180-6030-6	OVERPACK-6-1111	Solid	11/16/11 14:00	11/18/11 08:00
180-6030-7	OVERPACK-7-1111	Solid	11/16/11 14:30	11/18/11 08:00
180-6030-8	OVERPACK-8-1111	Solid	11/16/11 15:00	11/18/11 08:00
180-6030-9	OVERPACK-9-1111	Solid	11/16/11 15:30	11/18/11 08:00
180-6030-10	OVERPACK-10-1111	Solid	11/17/11 10:45	11/18/11 08:00
180-6030-11	CONFIRM-1-1111	Solid	11/17/11 14:30	11/18/11 08:00

Method Summary

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PIT
6010B	Metals (ICP)	SW846	TAL PIT
7470A	Mercury (CVAA)	SW846	TAL PIT
1020B	Ignitability, Small Scale Closed-Cup Method	SW846	TAL PIT
9012A	Cyanide, Total and/or Amenable	SW846	TAL PIT
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL PIT
9095A	Paint Filter	SW846	TAL PIT
Moisture	Percent Moisture	EPA	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-1-1111
Date Collected: 11/16/11 09:15
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 11:59	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 11:59	40
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 11:59	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 11:59	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 11:59	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 11:59	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 11:59	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 11:59	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 11:59	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 11:59	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*80 - 120*		*11/22/11 11:59*	*40*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 123*		*11/22/11 11:59*	*40*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*11/22/11 11:59*	*40*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*11/22/11 11:59*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 14:28	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:28	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 14:28	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 14:28	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 14:28	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 14:28	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:28	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:28	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:28	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 14:28	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 14:28	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*35 - 115*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
Nitrobenzene-d5	*61*		*39 - 115*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
Phenol-d5	*67*		*30 - 118*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
Terphenyl-d14	*74*		*30 - 143*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
2,4,6-Tribromophenol	*72*		*19 - 138*	*11/22/11 05:49*	*11/23/11 14:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	7.4	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1221	ND		50	9.4	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1232	ND		50	8.5	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1242	ND		50	8.1	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1248	ND		50	4.7	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1254	ND		50	7.0	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1260	ND		50	7.0	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-1-1111

Date Collected: 11/16/11 09:15
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-1

Matrix: Solid
Percent Solids: 33.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*35 - 140*	*11/30/11 16:40*	*12/01/11 12:26*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*35 - 140*	*11/30/11 16:40*	*12/01/11 12:26*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0032**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 19:18	1
Barium	**0.065**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 19:18	1
Cadmium	**0.00015**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 19:18	1
Chromium	**0.0021**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 19:18	1
Lead	**0.018**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 19:18	1
Selenium	**0.0074**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 19:18	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 19:18	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		1.5	0.29	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		88	18	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:36	1
Percent Moisture	**66**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-2-1111

Date Collected: 11/16/11 09:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 17:03	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 17:03	40
2-Butanone (MEK)	**0.48**		0.20	0.043	mg/L			11/22/11 17:03	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 17:03	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 17:03	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 17:03	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 17:03	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 17:03	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 17:03	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 17:03	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/22/11 17:03*	*40*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 123*		*11/22/11 17:03*	*40*
4-Bromofluorobenzene (Surr)	*112*		*75 - 120*		*11/22/11 17:03*	*40*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*11/22/11 17:03*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 14:47	1

Client Sample ID: OVERPACK-2-1111
Date Collected: 11/16/11 09:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:47	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 14:47	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 14:47	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 14:47	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 14:47	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:47	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:47	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:47	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 14:47	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 14:47	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*35 - 115*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
Nitrobenzene-d5	*60*		*39 - 115*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
Phenol-d5	*66*		*30 - 118*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
2,4,6-Tribromophenol	*71*		*19 - 138*	*11/22/11 05:49*	*11/23/11 14:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1221	ND		23	4.5	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1232	ND		23	4.0	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1242	ND		23	3.8	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1248	ND		23	2.2	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1254	ND		23	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1260	ND		23	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 12:56*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*35 - 140*	*11/30/11 16:40*	*12/01/11 12:56*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0069**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:07	1
Barium	**0.21**		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:07	1
Cadmium	**0.00054**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:07	1
Chromium	**0.0033**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:07	1
Lead	**0.025**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:07	1
Selenium	**0.0033**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:07	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:07	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.70	0.13	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1

Client Sample ID: OVERPACK-2-1111
Date Collected: 11/16/11 09:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-2
Matrix: Solid
Percent Solids: 70.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		43	8.6	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:37	1
Percent Moisture	**29**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-3-1111
Date Collected: 11/16/11 11:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 17:27	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 17:27	40
2-Butanone (MEK)	**0.15**	**J**	0.20	0.043	mg/L			11/22/11 17:27	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 17:27	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 17:27	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 17:27	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 17:27	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 17:27	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 17:27	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 17:27	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/22/11 17:27*	*40*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 123*		*11/22/11 17:27*	*40*
4-Bromofluorobenzene (Surr)	*112*		*75 - 120*		*11/22/11 17:27*	*40*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*11/22/11 17:27*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 15:07	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:07	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:07	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 15:07	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 15:07	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:07	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:07	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:07	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:07	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 15:07	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 15:07	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*35 - 115*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
2-Fluorophenol	*59*		*20 - 110*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
Nitrobenzene-d5	*59*		*39 - 115*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
Phenol-d5	*63*		*30 - 118*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
2,4,6-Tribromophenol	*67*		*19 - 138*	*11/22/11 05:49*	*11/23/11 15:07*	*1*

Client Sample ID: OVERPACK-3-1111

Date Collected: 11/16/11 11:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-3

Matrix: Solid
Percent Solids: 67.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		24	3.6	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1221	ND		24	4.7	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1232	ND		24	4.2	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1242	ND		24	4.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1248	ND		24	2.3	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1254	ND		24	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1260	ND		24	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*35 - 140*	*11/30/11 16:40*	*12/01/11 13:26*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*35 - 140*	*11/30/11 16:40*	*12/01/11 13:26*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0036**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:13	1
Barium	**0.15**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:13	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:13	1
Chromium	**0.0036**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:13	1
Lead	**0.011**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:13	1
Selenium	**0.0058**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:13	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:13	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.74	0.14	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		44	8.9	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:40	1
Percent Moisture	**33**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-4-1111

Date Collected: 11/16/11 13:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 17:51	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 17:51	40
2-Butanone (MEK)	**0.73**		0.20	0.043	mg/L			11/22/11 17:51	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 17:51	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 17:51	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 17:51	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 17:51	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 17:51	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 17:51	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 17:51	40

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-4-1111
Date Collected: 11/16/11 13:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-4
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/22/11 17:51*	*40*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 123*		*11/22/11 17:51*	*40*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*		*11/22/11 17:51*	*40*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*11/22/11 17:51*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 15:26	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:26	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:26	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 15:26	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 15:26	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:26	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:26	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:26	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:26	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 15:26	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 15:26	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*57*		*35 - 115*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
2-Fluorophenol	*60*		*20 - 110*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
Nitrobenzene-d5	*57*		*39 - 115*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
Phenol-d5	*64*		*30 - 118*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
Terphenyl-d14	*71*		*30 - 143*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
2,4,6-Tribromophenol	*65*		*19 - 138*	*11/22/11 05:49*	*11/23/11 15:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	3.1	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1221	ND		21	4.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1232	ND		21	3.6	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1242	ND		21	3.4	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1248	ND		21	2.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1254	ND		21	3.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1260	ND		21	3.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 13:55*	*1*
DCB Decachlorobiphenyl (Surr)	*107*		*35 - 140*	*11/30/11 16:40*	*12/01/11 13:55*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:19	1
Barium	**0.13**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:19	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:19	1
Chromium	**0.0018**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:19	1
Lead	ND		0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:19	1
Selenium	**0.0055**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:19	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:19	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-4-1111

Lab Sample ID: 180-6030-4

Date Collected: 11/16/11 13:30

Matrix: Solid

Date Received: 11/18/11 08:00

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.62	0.12	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		38	7.6	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:41	1
Percent Moisture	**20**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-5-1111

Lab Sample ID: 180-6030-5

Date Collected: 11/16/11 13:45

Matrix: Solid

Date Received: 11/18/11 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 18:14	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 18:14	40
2-Butanone (MEK)	**0.24**		0.20	0.043	mg/L			11/22/11 18:14	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 18:14	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 18:14	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 18:14	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 18:14	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 18:14	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 18:14	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 18:14	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*11/22/11 18:14*	*40*
1,2-Dichloroethane-d4 (Surr)	*106*		*62 - 123*		*11/22/11 18:14*	*40*
4-Bromofluorobenzene (Surr)	*113*		*75 - 120*		*11/22/11 18:14*	*40*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*11/22/11 18:14*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 15:46	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:46	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:46	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 15:46	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 15:46	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:46	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:46	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:46	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:46	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 15:46	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 15:46	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*35 - 115*	*11/22/11 05:49*	*11/23/11 15:46*	*1*

Client Sample ID: OVERPACK-5-1111

Date Collected: 11/16/11 13:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-5
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 15:46*	*1*
Nitrobenzene-d5	*59*		*39 - 115*	*11/22/11 05:49*	*11/23/11 15:46*	*1*
Phenol-d5	*65*		*30 - 118*	*11/22/11 05:49*	*11/23/11 15:46*	*1*
Terphenyl-d14	*74*		*30 - 143*	*11/22/11 05:49*	*11/23/11 15:46*	*1*
2,4,6-Tribromophenol	*68*		*19 - 138*	*11/22/11 05:49*	*11/23/11 15:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	3.0	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1221	ND		20	3.9	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1232	ND		20	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1242	ND		20	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1248	ND		20	1.9	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1254	ND		20	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1260	ND		20	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 14:25*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*35 - 140*	*11/30/11 16:40*	*12/01/11 14:25*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0028**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:25	1
Barium	**0.14**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:25	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:25	1
Chromium	**0.0026**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:25	1
Lead	**0.013**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:25	1
Selenium	**0.0057**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:25	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:25	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.60	0.12	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		37	7.3	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:44	1
Percent Moisture	**19**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-6-1111

Date Collected: 11/16/11 14:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 18:38	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 18:38	40

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-6-1111
Date Collected: 11/16/11 14:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 18:38	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 18:38	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 18:38	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 18:38	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 18:38	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 18:38	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 18:38	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 18:38	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/22/11 18:38*	*40*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 123*		*11/22/11 18:38*	*40*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*11/22/11 18:38*	*40*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/22/11 18:38*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 16:05	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:05	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:05	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 16:05	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 16:05	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:05	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:05	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:05	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:05	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 16:05	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 16:05	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*35 - 115*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
Nitrobenzene-d5	*58*		*39 - 115*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
Phenol-d5	*66*		*30 - 118*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
2,4,6-Tribromophenol	*68*		*19 - 138*	*11/22/11 05:49*	*11/23/11 16:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1221	ND		23	4.4	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1232	ND		23	4.0	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1242	ND		23	3.8	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1248	ND		23	2.2	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1254	ND		23	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1260	ND		23	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 14:54*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*35 - 140*	*11/30/11 16:40*	*12/01/11 14:54*	*1*

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-6-1111

Date Collected: 11/16/11 14:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-6

Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0060	J	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:31	1
Barium	0.21		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:31	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:31	1
Chromium	0.0038	J B	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:31	1
Lead	0.010	J	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:31	1
Selenium	0.0053	J B	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:31	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:31	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	>140				Degrees F			11/19/11 09:56	1
Cyanide, Total	0.28	J	0.70	0.14	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		42	8.5	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	CNF				NONE			11/22/11 10:45	1
Percent Moisture	29		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-7-1111

Date Collected: 11/16/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 19:02	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 19:02	40
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 19:02	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 19:02	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 19:02	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 19:02	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 19:02	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 19:02	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 19:02	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 19:02	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/22/11 19:02*	*40*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 123*		*11/22/11 19:02*	*40*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*11/22/11 19:02*	*40*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*11/22/11 19:02*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 16:25	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:25	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:25	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 16:25	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 16:25	1

Client Sample ID: OVERPACK-7-1111
Date Collected: 11/16/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:25	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:25	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:25	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:25	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 16:25	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 16:25	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*35 - 115*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
2-Fluorophenol	*61*		*20 - 110*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
Nitrobenzene-d5	*60*		*39 - 115*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
Phenol-d5	*63*		*30 - 118*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
Terphenyl-d14	*74*		*30 - 143*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
2,4,6-Tribromophenol	*68*		*19 - 138*	*11/22/11 05:49*	*11/23/11 16:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	3.1	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1221	ND		21	3.9	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1232	ND		21	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1242	ND		21	3.4	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1248	ND		21	1.9	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1254	ND		21	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1260	ND		21	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*35 - 140*	*11/30/11 16:40*	*12/01/11 15:24*	*1*
DCB Decachlorobiphenyl (Surr)	*105*		*35 - 140*	*11/30/11 16:40*	*12/01/11 15:24*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.034**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:49	1
Barium	**0.13**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:49	1
Cadmium	**0.00049**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:49	1
Chromium	**0.0035**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:49	1
Lead	**0.013**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:49	1
Selenium	**0.0060**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:49	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:49	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.61	0.12	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		37	7.4	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:46	1
Percent Moisture	**19**		0.10	0.10	%			11/18/11 11:09	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-8-1111
Date Collected: 11/16/11 15:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 19:27	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 19:27	40
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 19:27	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 19:27	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 19:27	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 19:27	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 19:27	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 19:27	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 19:27	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 19:27	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*11/22/11 19:27*	*40*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 123*		*11/22/11 19:27*	*40*
4-Bromofluorobenzene (Surr)	*113*		*75 - 120*		*11/22/11 19:27*	*40*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*11/22/11 19:27*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 16:44	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:44	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:44	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 16:44	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 16:44	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:44	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:44	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:44	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:44	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 16:44	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 16:44	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*35 - 115*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
Nitrobenzene-d5	*60*		*39 - 115*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
Phenol-d5	*67*		*30 - 118*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
2,4,6-Tribromophenol	*69*		*19 - 138*	*11/22/11 05:49*	*11/23/11 16:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		87	13	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1221	ND		87	17	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1232	ND		87	15	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1242	ND		87	14	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1248	ND		87	8.2	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1254	ND		87	12	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1260	ND		87	12	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1

Client Sample ID: OVERPACK-8-1111

Date Collected: 11/16/11 15:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-8
Matrix: Solid
Percent Solids: 18.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*35 - 140*	*11/30/11 16:40*	*12/01/11 15:54*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*35 - 140*	*11/30/11 16:40*	*12/01/11 15:54*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.096**		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:55	1
Barium	**0.25**		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:55	1
Cadmium	**0.023**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:55	1
Chromium	**0.0018**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:55	1
Lead	**0.020**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:55	1
Selenium	**0.0054**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:55	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:55	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00045**		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	**2.1**	**J**	2.7	0.52	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		160	32	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CFL**				NONE			11/22/11 10:47	1
Percent Moisture	**81**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-9-1111

Date Collected: 11/16/11 15:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.31**		0.20	0.043	mg/L			11/22/11 19:51	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 19:51	40
2-Butanone (MEK)	**0.93**		0.20	0.043	mg/L			11/22/11 19:51	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 19:51	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 19:51	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 19:51	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 19:51	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 19:51	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 19:51	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 19:51	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*80 - 120*		*11/22/11 19:51*	*40*
1,2-Dichloroethane-d4 (Surr)	*106*		*62 - 123*		*11/22/11 19:51*	*40*
4-Bromofluorobenzene (Surr)	*113*		*75 - 120*		*11/22/11 19:51*	*40*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*11/22/11 19:51*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 17:04	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-9-1111
Date Collected: 11/16/11 15:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 17:04	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 17:04	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 17:04	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 17:04	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 17:04	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 17:04	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 17:04	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 17:04	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 17:04	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 17:04	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*35 - 115*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
2-Fluorophenol	*63*		*20 - 110*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
Nitrobenzene-d5	*61*		*39 - 115*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
Phenol-d5	*68*		*30 - 118*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
Terphenyl-d14	*79*		*30 - 143*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
2,4,6-Tribromophenol	*69*		*19 - 138*	*11/22/11 05:49*	*11/23/11 17:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	3.0	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1221	ND		20	3.9	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1232	ND		20	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1242	ND		20	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1248	ND		20	1.9	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1254	ND		20	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1260	ND		20	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*35 - 140*	*11/30/11 16:40*	*12/01/11 16:23*	*1*
DCB Decachlorobiphenyl (Surr)	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 16:23*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0039**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 21:01	1
Barium	**0.040**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 21:01	1
Cadmium	**0.0011**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 21:01	1
Chromium	**0.0040**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 21:01	1
Lead	**0.022**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 21:01	1
Selenium	**0.0059**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 21:01	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 21:01	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.63	0.12	mg/Kg	☼	11/22/11 12:20	11/22/11 14:49	1

Client Sample ID: OVERPACK-9-1111
Date Collected: 11/16/11 15:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-9
Matrix: Solid
Percent Solids: 81.3

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		37	7.3	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	CNF				NONE			11/22/11 10:50	1
Percent Moisture	19		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-10-1111
Date Collected: 11/17/11 10:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 20:15	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 20:15	40
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 20:15	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 20:15	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 20:15	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 20:15	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 20:15	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 20:15	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 20:15	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 20:15	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*11/22/11 20:15*	*40*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 123*		*11/22/11 20:15*	*40*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*11/22/11 20:15*	*40*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/22/11 20:15*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:53	11/23/11 17:24	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:53	11/23/11 17:24	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:53	11/23/11 17:24	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:53	11/23/11 17:24	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:53	11/23/11 17:24	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:53	11/23/11 17:24	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:53	11/23/11 17:24	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:53	11/23/11 17:24	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:53	11/23/11 17:24	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:53	11/23/11 17:24	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:53	11/23/11 17:24	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:53	11/23/11 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*35 - 115*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
2-Fluorophenol	*59*		*20 - 110*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
Nitrobenzene-d5	*57*		*39 - 115*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
Phenol-d5	*64*		*30 - 118*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
Terphenyl-d14	*75*		*30 - 143*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
2,4,6-Tribromophenol	*69*		*19 - 138*	*11/22/11 05:53*	*11/23/11 17:24*	*1*

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-10-1111

Date Collected: 11/17/11 10:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-10

Matrix: Solid
Percent Solids: 47.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		35	5.2	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1221	ND		35	6.7	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1232	ND		35	6.0	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1242	ND		35	5.7	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1248	ND		35	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1254	ND		35	5.0	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1260	ND		35	5.0	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*35 - 140*	*11/30/11 16:40*	*12/01/11 16:53*	*1*
DCB Decachlorobiphenyl (Surr)	*110*		*35 - 140*	*11/30/11 16:40*	*12/01/11 16:53*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.57**		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 21:07	1
Barium	**0.11**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 21:07	1
Cadmium	**0.0066**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 21:07	1
Chromium	**0.0026**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 21:07	1
Lead	ND		0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 21:07	1
Selenium	**0.0053**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 21:07	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 21:07	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000063**	**J**	0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		1.0	0.20	mg/Kg	☼	11/22/11 12:20	11/22/11 14:49	1
Sulfide	ND		63	13	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CFL**				NONE			11/22/11 10:51	1
Percent Moisture	**53**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: CONFIRM-1-1111

Date Collected: 11/17/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-11

Matrix: Solid
Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		18	4.6	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Benzene	ND		4.6	0.62	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Bromodichloromethane	ND		4.6	0.52	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Bromoform	ND		4.6	0.41	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Bromomethane	ND		4.6	0.68	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
2-Butanone (MEK)	ND		4.6	0.81	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Carbon disulfide	ND		4.6	0.47	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Carbon tetrachloride	ND		4.6	0.41	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Chlorobenzene	ND		4.6	0.70	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Chloroethane	ND		4.6	1.4	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: CONFIRM-1-1111
Date Collected: 11/17/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-11
Matrix: Solid
Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		4.6	0.54	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Chloromethane	ND		4.6	0.79	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Dibromochloromethane	ND		4.6	0.65	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1-Dichloroethane	ND		4.6	0.53	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dichloroethane	ND		4.6	0.57	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1-Dichloroethene	ND		4.6	0.78	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dichloropropane	ND		4.6	0.50	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
cis-1,3-Dichloropropene	ND		4.6	0.63	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
trans-1,3-Dichloropropene	ND		4.6	0.55	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Ethylbenzene	ND		4.6	0.59	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
2-Hexanone	ND		4.6	0.64	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Methylene Chloride	**2.6**	**J B**	4.6	0.62	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
4-Methyl-2-pentanone (MIBK)	ND		4.6	0.60	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Styrene	ND		4.6	0.65	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.66	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Tetrachloroethene	ND		4.6	0.63	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1,1-Trichloroethane	ND		4.6	0.45	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1,2-Trichloroethane	ND		4.6	0.77	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Trichloroethene	ND		4.6	0.61	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Vinyl chloride	ND		4.6	0.43	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Xylenes, Total	ND		14	2.1	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Cyclohexane	ND		4.6	0.34	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dibromo-3-Chloropropane	ND		4.6	0.69	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dibromoethane (EDB)	ND		4.6	0.80	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Dichlorodifluoromethane	ND		4.6	0.61	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
cis-1,2-Dichloroethene	ND		4.6	0.65	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
trans-1,2-Dichloroethene	ND		4.6	0.55	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Isopropylbenzene	ND		4.6	0.63	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Methyl acetate	ND		4.6	0.83	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Methylcyclohexane	ND		4.6	0.67	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Methyl tert-butyl ether	ND		4.6	0.69	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Trichlorofluoromethane	ND		4.6	0.85	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6	0.98	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dichlorobenzene	ND		4.6	0.74	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,3-Dichlorobenzene	ND		4.6	0.61	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,4-Dichlorobenzene	ND		4.6	0.59	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2,4-Trichlorobenzene	**1.0**	**J**	4.6	0.81	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Toluene	ND		4.6	0.67	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*52 - 124*	*11/29/11 04:03*	*11/29/11 09:47*	*1*
Toluene-d8 (Surr)	*94*		*72 - 127*	*11/29/11 04:03*	*11/29/11 09:47*	*1*
4-Bromofluorobenzene (Surr)	*95*		*63 - 120*	*11/29/11 04:03*	*11/29/11 09:47*	*1*
Dibromofluoromethane (Surr)	*99*		*68 - 121*	*11/29/11 04:03*	*11/29/11 09:47*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**14**		0.36	0.17	mg/Kg	☼	11/28/11 11:45	11/29/11 20:32	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: CONFIRM-1-1111
Date Collected: 11/17/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-11
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		0.10	0.10	%			11/18/11 11:09	1

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

Lab Sample ID: LCS 180-21554/6
Matrix: Solid
Analysis Batch: 21554

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.400	0.385		mg/L		96	80 - 120
2-Butanone (MEK)	0.400	0.370		mg/L		92	31 - 139
Carbon tetrachloride	0.400	0.390		mg/L		97	63 - 139
Chlorobenzene	0.400	0.402		mg/L		100	83 - 120
Chloroform	0.400	0.393		mg/L		98	77 - 119
1,2-Dichloroethane	0.400	0.412		mg/L		103	63 - 140
1,1-Dichloroethene	0.400	0.400		mg/L		100	69 - 127
Tetrachloroethene	0.400	0.389		mg/L		97	78 - 126
Trichloroethene	0.400	0.383		mg/L		96	80 - 120
Vinyl chloride	0.400	0.383		mg/L		96	57 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*

Lab Sample ID: MB 180-21936/2-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	5.0	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Bromodichloromethane	ND		5.0	0.56	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Benzene	ND		5.0	0.68	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Bromoform	ND		5.0	0.44	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Bromomethane	ND		5.0	0.74	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
2-Butanone (MEK)	ND		5.0	0.88	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Carbon disulfide	ND		5.0	0.51	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Carbon tetrachloride	ND		5.0	0.45	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Chlorobenzene	ND		5.0	0.76	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Chloroethane	ND		5.0	1.5	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Chloroform	ND		5.0	0.58	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Chloromethane	ND		5.0	0.85	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Dibromochloromethane	ND		5.0	0.71	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1-Dichloroethane	ND		5.0	0.58	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dichloroethane	ND		5.0	0.61	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1-Dichloroethene	ND		5.0	0.85	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dichloropropane	ND		5.0	0.54	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
cis-1,3-Dichloropropene	ND		5.0	0.68	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Ethylbenzene	ND		5.0	0.64	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
2-Hexanone	ND		5.0	0.69	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Methylene Chloride	2.30	J	5.0	0.67	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.65	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Styrene	ND		5.0	0.71	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.72	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Tetrachloroethene	ND		5.0	0.68	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1,1-Trichloroethane	ND		5.0	0.49	ug/Kg		11/29/11 04:03	11/29/11 06:24	1

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

Lab Sample ID: MB 180-21936/2-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.83	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Trichloroethene	ND		5.0	0.66	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Vinyl chloride	ND		5.0	0.47	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Xylenes, Total	ND		15	2.2	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Cyclohexane	ND		5.0	0.37	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.75	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dibromoethane (EDB)	ND		5.0	0.86	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Dichlorodifluoromethane	ND		5.0	0.67	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
cis-1,2-Dichloroethene	ND		5.0	0.70	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
trans-1,2-Dichloroethene	ND		5.0	0.60	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Isopropylbenzene	ND		5.0	0.68	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Methyl acetate	ND		5.0	0.90	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Methylcyclohexane	ND		5.0	0.73	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Methyl tert-butyl ether	ND		5.0	0.75	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Trichlorofluoromethane	ND		5.0	0.92	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dichlorobenzene	ND		5.0	0.80	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,3-Dichlorobenzene	ND		5.0	0.66	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,4-Dichlorobenzene	ND		5.0	0.64	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2,4-Trichlorobenzene	ND		5.0	0.88	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Toluene	ND		5.0	0.73	ug/Kg		11/29/11 04:03	11/29/11 06:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*52 - 124*	*11/29/11 04:03*	*11/29/11 06:24*	*1*
Toluene-d8 (Surr)	*95*		*72 - 127*	*11/29/11 04:03*	*11/29/11 06:24*	*1*
4-Bromofluorobenzene (Surr)	*92*		*63 - 120*	*11/29/11 04:03*	*11/29/11 06:24*	*1*
Dibromofluoromethane (Surr)	*97*		*68 - 121*	*11/29/11 04:03*	*11/29/11 06:24*	*1*

Lab Sample ID: LCS 180-21936/4-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	53.5		ug/Kg		134	20 - 150
Bromodichloromethane	40.0	44.3		ug/Kg		111	70 - 125
Benzene	40.0	38.5		ug/Kg		96	77 - 120
Bromoform	40.0	47.0		ug/Kg		117	53 - 140
Bromomethane	40.0	41.6		ug/Kg		104	25 - 150
2-Butanone (MEK)	40.0	45.0		ug/Kg		113	35 - 149
Carbon disulfide	40.0	42.2		ug/Kg		105	50 - 127
Carbon tetrachloride	40.0	47.3		ug/Kg		118	69 - 122
Chlorobenzene	40.0	41.4		ug/Kg		103	79 - 120
Chloroethane	40.0	54.5		ug/Kg		136	22 - 150
Chloroform	40.0	42.9		ug/Kg		107	72 - 120
Chloromethane	40.0	35.8		ug/Kg		89	44 - 131
Dibromochloromethane	40.0	45.0		ug/Kg		112	70 - 132
1,1-Dichloroethane	40.0	40.0		ug/Kg		100	66 - 124
1,2-Dichloroethane	40.0	41.1		ug/Kg		103	61 - 127
1,1-Dichloroethene	40.0	42.4		ug/Kg		106	59 - 129

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

Lab Sample ID: LCS 180-21936/4-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	40.0	38.0		ug/Kg		95	72 - 122
cis-1,3-Dichloropropene	40.0	40.1		ug/Kg		100	73 - 120
trans-1,3-Dichloropropene	40.0	43.1		ug/Kg		108	74 - 129
Ethylbenzene	40.0	40.9		ug/Kg		102	78 - 125
2-Hexanone	40.0	50.2		ug/Kg		126	32 - 150
Methylene Chloride	40.0	42.5		ug/Kg		106	58 - 127
4-Methyl-2-pentanone (MIBK)	40.0	39.4		ug/Kg		98	44 - 148
Styrene	40.0	41.3		ug/Kg		103	83 - 129
1,1,2,2-Tetrachloroethane	40.0	39.3		ug/Kg		98	60 - 139
Tetrachloroethene	40.0	43.4		ug/Kg		109	78 - 129
1,1,1-Trichloroethane	40.0	46.7		ug/Kg		117	67 - 126
1,1,2-Trichloroethane	40.0	39.6		ug/Kg		99	70 - 128
Trichloroethene	40.0	39.2		ug/Kg		98	76 - 119
Vinyl chloride	40.0	36.7		ug/Kg		92	63 - 124
Cyclohexane	40.0	40.5		ug/Kg		101	64 - 130
1,2-Dibromo-3-Chloropropane	40.0	39.4		ug/Kg		98	35 - 136
1,2-Dibromoethane (EDB)	40.0	39.7		ug/Kg		99	70 - 131
Dichlorodifluoromethane	40.0	32.8		ug/Kg		82	25 - 150
cis-1,2-Dichloroethene	40.0	40.8		ug/Kg		102	80 - 118
trans-1,2-Dichloroethene	40.0	41.0		ug/Kg		102	77 - 121
Isopropylbenzene	40.0	43.0		ug/Kg		107	70 - 133
Methyl acetate	40.0	35.2		ug/Kg		88	27 - 142
Methylcyclohexane	40.0	39.6		ug/Kg		99	66 - 135
Methyl tert-butyl ether	40.0	40.8		ug/Kg		102	48 - 132
Trichlorofluoromethane	40.0	41.6		ug/Kg		104	20 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	43.4		ug/Kg		109	55 - 130
1,2-Dichlorobenzene	40.0	38.9		ug/Kg		97	71 - 124
1,3-Dichlorobenzene	40.0	39.1		ug/Kg		98	75 - 118
1,4-Dichlorobenzene	40.0	39.2		ug/Kg		98	77 - 116
1,2,4-Trichlorobenzene	40.0	35.9		ug/Kg		90	51 - 136
Toluene	40.0	40.6		ug/Kg		101	78 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*52 - 124*
Toluene-d8 (Surr)	*105*		*72 - 127*
4-Bromofluorobenzene (Surr)	*101*		*63 - 120*
Dibromofluoromethane (Surr)	*109*		*68 - 121*

Lab Sample ID: LCSD 180-21936/6-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	40.0	54.0		ug/Kg		135	20 - 150	1	40
Bromodichloromethane	40.0	42.4		ug/Kg		106	70 - 125	4	21
Benzene	40.0	37.7		ug/Kg		94	77 - 120	2	20
Bromoform	40.0	44.7		ug/Kg		112	53 - 140	5	23
Bromomethane	40.0	39.9		ug/Kg		100	25 - 150	4	40
2-Butanone (MEK)	40.0	42.9		ug/Kg		107	35 - 149	5	36

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

Lab Sample ID: LCSD 180-21936/6-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21936

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide			40.0	43.4		ug/Kg		109	50 - 127	3	23
Carbon tetrachloride			40.0	48.4		ug/Kg		121	69 - 122	2	22
Chlorobenzene			40.0	39.2		ug/Kg		98	79 - 120	6	20
Chloroethane			40.0	44.1		ug/Kg		110	22 - 150	21	40
Chloroform			40.0	40.7		ug/Kg		102	72 - 120	5	25
Chloromethane			40.0	36.0		ug/Kg		90	44 - 131	1	27
Dibromochloromethane			40.0	43.3		ug/Kg		108	70 - 132	4	20
1,1-Dichloroethane			40.0	39.5		ug/Kg		99	66 - 124	1	23
1,2-Dichloroethane			40.0	39.4		ug/Kg		99	61 - 127	4	23
1,1-Dichloroethene			40.0	42.1		ug/Kg		105	59 - 129	1	25
1,2-Dichloropropane			40.0	36.3		ug/Kg		91	72 - 122	5	20
cis-1,3-Dichloropropene			40.0	38.6		ug/Kg		97	73 - 120	4	20
trans-1,3-Dichloropropene			40.0	40.3		ug/Kg		101	74 - 129	7	20
Ethylbenzene			40.0	39.4		ug/Kg		98	78 - 125	4	21
2-Hexanone			40.0	47.7		ug/Kg		119	32 - 150	5	32
Methylene Chloride			40.0	39.6		ug/Kg		99	58 - 127	7	28
4-Methyl-2-pentanone (MIBK)			40.0	38.5		ug/Kg		96	44 - 148	2	30
Styrene			40.0	39.4		ug/Kg		98	83 - 129	5	20
1,1,2,2-Tetrachloroethane			40.0	38.6		ug/Kg		96	60 - 139	2	24
Tetrachloroethene			40.0	40.2		ug/Kg		101	78 - 129	8	20
1,1,1-Trichloroethane			40.0	46.8		ug/Kg		117	67 - 126	0	31
1,1,2-Trichloroethane			40.0	37.3		ug/Kg		93	70 - 128	6	22
Trichloroethene			40.0	39.8		ug/Kg		100	76 - 119	2	21
Vinyl chloride			40.0	37.6		ug/Kg		94	63 - 124	3	27
Cyclohexane			40.0	42.5		ug/Kg		106	64 - 130	5	21
1,2-Dibromo-3-Chloropropane			40.0	44.4		ug/Kg		111	35 - 136	12	40
1,2-Dibromoethane (EDB)			40.0	38.0		ug/Kg		95	70 - 131	4	20
Dichlorodifluoromethane			40.0	32.3		ug/Kg		81	25 - 150	2	34
cis-1,2-Dichloroethene			40.0	41.2		ug/Kg		103	80 - 118	1	20
trans-1,2-Dichloroethene			40.0	40.8		ug/Kg		102	77 - 121	1	20
Isopropylbenzene			40.0	42.0		ug/Kg		105	70 - 133	2	22
Methyl acetate			40.0	35.3		ug/Kg		88	27 - 142	0	40
Methylcyclohexane			40.0	40.8		ug/Kg		102	66 - 135	3	23
Methyl tert-butyl ether			40.0	40.5		ug/Kg		101	48 - 132	1	36
Trichlorofluoromethane			40.0	37.2		ug/Kg		93	20 - 150	11	40
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	46.0		ug/Kg		115	55 - 130	6	37
1,2-Dichlorobenzene			40.0	38.8		ug/Kg		97	71 - 124	0	22
1,3-Dichlorobenzene			40.0	39.0		ug/Kg		98	75 - 118	0	20
1,4-Dichlorobenzene			40.0	38.4		ug/Kg		96	77 - 116	2	20
1,2,4-Trichlorobenzene			40.0	35.2		ug/Kg		88	51 - 136	2	40
Toluene			40.0	38.9		ug/Kg		97	78 - 124	4	21

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*52 - 124*
Toluene-d8 (Surr)	*100*		*72 - 127*
4-Bromofluorobenzene (Surr)	*96*		*63 - 120*
Dibromofluoromethane (Surr)	*102*		*68 - 121*

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

Lab Sample ID: LB 180-21502/11-A LB
Matrix: Solid
Analysis Batch: 21554

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.050	0.0099	mg/L			11/22/11 11:07	10
2-Butanone (MEK)	ND		0.050	0.011	mg/L			11/22/11 11:07	10
Carbon tetrachloride	ND		0.050	0.011	mg/L			11/22/11 11:07	10
Chlorobenzene	ND		0.050	0.0053	mg/L			11/22/11 11:07	10
Chloroform	ND		0.050	0.010	mg/L			11/22/11 11:07	10
1,2-Dichloroethane	ND		0.050	0.0096	mg/L			11/22/11 11:07	10
1,1-Dichloroethene	ND		0.050	0.011	mg/L			11/22/11 11:07	10
Tetrachloroethene	ND		0.050	0.0082	mg/L			11/22/11 11:07	10
Trichloroethene	ND		0.050	0.0080	mg/L			11/22/11 11:07	10
Vinyl chloride	ND		0.050	0.013	mg/L			11/22/11 11:07	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 123*		*11/22/11 11:07*	*10*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/22/11 11:07*	*10*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*		*11/22/11 11:07*	*10*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*11/22/11 11:07*	*10*

Lab Sample ID: 180-6030-1 MS
Matrix: Solid
Analysis Batch: 21554

Client Sample ID: OVERPACK-1-1111
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		1.60	1.55		mg/L		97	80 - 120
2-Butanone (MEK)	ND		1.60	1.60		mg/L		100	31 - 139
Carbon tetrachloride	ND		1.60	1.68		mg/L		105	63 - 139
Chlorobenzene	ND		1.60	1.61		mg/L		101	83 - 120
Chloroform	ND		1.60	1.60		mg/L		100	77 - 119
1,2-Dichloroethane	ND		1.60	1.67		mg/L		104	63 - 140
1,1-Dichloroethene	ND		1.60	1.66		mg/L		103	69 - 127
Tetrachloroethene	ND		1.60	1.55		mg/L		97	78 - 126
Trichloroethene	ND		1.60	1.54		mg/L		96	80 - 120
Vinyl chloride	ND		1.60	1.62		mg/L		101	57 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*

Lab Sample ID: 180-6030-1 MSD
Matrix: Solid
Analysis Batch: 21554

Client Sample ID: OVERPACK-1-1111
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		1.60	1.53		mg/L		96	80 - 120	1	20
2-Butanone (MEK)	ND		1.60	1.64		mg/L		102	31 - 139	2	35
Carbon tetrachloride	ND		1.60	1.57		mg/L		98	63 - 139	7	25
Chlorobenzene	ND		1.60	1.60		mg/L		100	83 - 120	0	20
Chloroform	ND		1.60	1.53		mg/L		96	77 - 119	5	20

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

Lab Sample ID: 180-6030-1 MSD
Matrix: Solid
Analysis Batch: 21554

Client Sample ID: OVERPACK-1-1111
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		1.60	1.66		mg/L		104	63 - 140	1	25
1,1-Dichloroethene	ND		1.60	1.55		mg/L		97	69 - 127	7	20
Tetrachloroethene	ND		1.60	1.53		mg/L		95	78 - 126	2	25
Trichloroethene	ND		1.60	1.54		mg/L		96	80 - 120	0	20
Vinyl chloride	ND		1.60	1.47		mg/L		92	57 - 128	10	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 123*
Toluene-d8 (Surr)	*92*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Dibromofluoromethane (Surr)	*93*		*80 - 120*

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

Lab Sample ID: MB 180-21515/1-A
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21515

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 11:56	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 11:56	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 11:56	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 11:56	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 11:56	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 11:56	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 11:56	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 11:56	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 11:56	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 11:56	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 11:56	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 11:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*35 - 115*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
2-Fluorophenol	*63*		*20 - 110*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
Nitrobenzene-d5	*59*		*39 - 115*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
Phenol-d5	*68*		*30 - 118*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
2,4,6-Tribromophenol	*68*		*19 - 138*	*11/22/11 05:49*	*11/23/11 11:56*	*1*

Lab Sample ID: LCS 180-21515/2-A
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21515

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.250	0.133		mg/L		53	37 - 115
2,4,5-Trichlorophenol	0.250	0.168		mg/L		67	35 - 115
2,4,6-Trichlorophenol	0.250	0.142		mg/L		57	40 - 115
2,4-Dinitrotoluene	0.250	0.146		mg/L		58	40 - 115

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

Lab Sample ID: LCS 180-21515/2-A
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21515

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2-Methylphenol			0.250	0.141		mg/L		57	43 - 115		
Hexachlorobenzene			0.250	0.157		mg/L		63	45 - 115		
Hexachlorobutadiene			0.250	0.134		mg/L		54	42 - 115		
Hexachloroethane			0.250	0.127		mg/L		51	25 - 106		
Nitrobenzene			0.250	0.143		mg/L		57	40 - 115		
Pentachlorophenol			0.250	0.114	J	mg/L		45	16 - 140		
Pyridine			0.250	0.128		mg/L		51	22 - 105		
Methylphenol, 3 & 4			0.500	0.316		mg/L		63	30 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*59*		*35 - 115*
2-Fluorophenol	*55*		*20 - 110*
Nitrobenzene-d5	*55*		*39 - 115*
Phenol-d5	*61*		*30 - 118*
Terphenyl-d14	*74*		*30 - 143*
2,4,6-Tribromophenol	*69*		*19 - 138*

Lab Sample ID: LCSD 180-21515/3-A
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21515

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.250	0.131		mg/L		52	37 - 115	2	35
2,4,5-Trichlorophenol			0.250	0.156		mg/L		63	35 - 115	7	40
2,4,6-Trichlorophenol			0.250	0.138		mg/L		55	40 - 115	3	37
2,4-Dinitrotoluene			0.250	0.138		mg/L		55	40 - 115	6	42
2-Methylphenol			0.250	0.139		mg/L		56	43 - 115	1	47
Hexachlorobenzene			0.250	0.151		mg/L		60	45 - 115	4	22
Hexachlorobutadiene			0.250	0.129		mg/L		51	42 - 115	4	28
Hexachloroethane			0.250	0.129		mg/L		51	25 - 106	1	38
Nitrobenzene			0.250	0.139		mg/L		55	40 - 115	3	26
Pentachlorophenol			0.250	0.108	J	mg/L		43	16 - 140	5	40
Pyridine			0.250	0.124		mg/L		50	22 - 105	3	40
Methylphenol, 3 & 4			0.500	0.311		mg/L		62	30 - 121	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*56*		*35 - 115*
2-Fluorophenol	*53*		*20 - 110*
Nitrobenzene-d5	*54*		*39 - 115*
Phenol-d5	*60*		*30 - 118*
Terphenyl-d14	*73*		*30 - 143*
2,4,6-Tribromophenol	*67*		*19 - 138*

Lab Sample ID: LB 180-21280/15-B LB
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 21515

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 12:52	1

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

Lab Sample ID: LB 180-21280/15-B LB
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 21515

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 12:52	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 12:52	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 12:52	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 12:52	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 12:52	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 12:52	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 12:52	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 12:52	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 12:52	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 12:52	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 12:52	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*35 - 115*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
2-Fluorophenol	*61*		*20 - 110*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
Nitrobenzene-d5	*58*		*39 - 115*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
Phenol-d5	*65*		*30 - 118*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
Terphenyl-d14	*71*		*30 - 143*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
2,4,6-Tribromophenol	*66*		*19 - 138*	*11/22/11 05:49*	*11/23/11 12:52*	*1*

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

Lab Sample ID: MB 180-22170/1-A
Matrix: Solid
Analysis Batch: 22431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 22170

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	2.5	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1221	ND		17	3.2	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1232	ND		17	2.9	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1242	ND		17	2.7	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1248	ND		17	1.6	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1254	ND		17	2.4	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1260	ND		17	2.4	ug/Kg		11/30/11 16:40	12/01/11 17:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*35 - 140*	*11/30/11 16:40*	*12/01/11 17:22*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*35 - 140*	*11/30/11 16:40*	*12/01/11 17:22*	*1*

Lab Sample ID: LCS 180-22170/2-A
Matrix: Solid
Analysis Batch: 22431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22170

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1330	1320		ug/Kg		99	55 - 130
PCB-1260	1330	1350		ug/Kg		101	54 - 130

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

Lab Sample ID: LCS 180-22170/2-A
Matrix: Solid
Analysis Batch: 22431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22170

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*96*		*35 - 140*
DCB Decachlorobiphenyl (Surr)	*99*		*35 - 140*

Lab Sample ID: LCSD 180-22170/3-A
Matrix: Solid
Analysis Batch: 22431

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 22170

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			1330	1510		ug/Kg		113	55 - 130	13	35
PCB-1260			1330	1500		ug/Kg		112	54 - 130	10	29

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	*111*		*35 - 140*
DCB Decachlorobiphenyl (Surr)	*106*		*35 - 140*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 180-21852/14-A
Matrix: Solid
Analysis Batch: 22209

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 19:00	1
Barium	ND		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 19:00	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 19:00	1
Chromium	ND		0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 19:00	1
Lead	ND		0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 19:00	1
Selenium	ND		0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 19:00	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 19:00	1

Lab Sample ID: LCS 180-21852/15-A
Matrix: Solid
Analysis Batch: 22209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21852

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			2.00	2.15		mg/L		107	80 - 120		
Barium			2.00	1.97		mg/L		99	80 - 120		
Cadmium			0.0500	0.0505		mg/L		101	80 - 120		
Chromium			0.200	0.205		mg/L		102	80 - 120		
Lead			0.500	0.503		mg/L		101	80 - 120		
Selenium			2.00	2.18		mg/L		109	80 - 120		
Silver			0.0500	0.0534		mg/L		107	80 - 120		

Lab Sample ID: MB 180-21862/1-A
Matrix: Solid
Analysis Batch: 22084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.30	0.15	mg/Kg		11/28/11 11:45	11/29/11 18:50	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-21862/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22084 — **Prep Batch: 21862**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	48.8		mg/Kg		98	80 - 120

Lab Sample ID: 180-6212-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22084 — **Prep Batch: 21862**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	9.8		101	101		mg/Kg	☼	90	75 - 125

Lab Sample ID: 180-6212-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22084 — **Prep Batch: 21862**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	9.8		101	99.6		mg/Kg	☼	89	75 - 125	1	20

Lab Sample ID: LB 180-21280/15-D LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 19:06	1
Barium	ND		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 19:06	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 19:06	1
Chromium	0.00101	J	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 19:06	1
Lead	ND		0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 19:06	1
Selenium	0.00637	J	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 19:06	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 19:06	1

Lab Sample ID: 180-6030-1 MS — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0032	J	5.00	5.46		mg/L		109	75 - 125
Cadmium	0.00015	J	1.00	1.05		mg/L		105	75 - 125
Chromium	0.0021	J B	5.00	5.15		mg/L		103	75 - 125
Selenium	0.0074	J B	1.00	1.10		mg/L		110	75 - 125
Silver	ND		1.00	1.05		mg/L		105	75 - 125

Lab Sample ID: 180-6030-1 MS — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.065	J	50.0	49.5		mg/L		99	75 - 125
Lead	0.018	J	5.00	5.34		mg/L		106	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 180-6030-1 MSD — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0032	J	5.00	5.51		mg/L		110	75 - 125	1	20
Cadmium	0.00015	J	1.00	1.06		mg/L		106	75 - 125	1	20
Chromium	0.0021	J B	5.00	5.18		mg/L		104	75 - 125	1	20
Selenium	0.0074	J B	1.00	1.12		mg/L		112	75 - 125	2	20
Silver	ND		1.00	1.06		mg/L		106	75 - 125	1	20

Lab Sample ID: 180-6030-1 MSD — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.065	J	50.0	50.6		mg/L		101	75 - 125	2	20
Lead	0.018	J	5.00	5.44		mg/L		108	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-21717/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:08	1

Lab Sample ID: LCS 180-21717/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00267		mg/L		107	80 - 120

Lab Sample ID: LB 180-21280/15-C LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:10	1

Lab Sample ID: 180-6030-1 MS — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00500	0.00539		mg/L		108	75 - 125

Lab Sample ID: 180-6030-1 MSD — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00500	0.00520		mg/L		104	75 - 125	4	20

Method: 1020B - Ignitability, Small Scale Closed-Cup Method

Lab Sample ID: 180-6030-10 DU — **Client Sample ID: OVERPACK-10-1111**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21315

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Ignitability	>140			>140		Degrees F				NC	20

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

Lab Sample ID: MB 180-21565/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.51	0.099	mg/Kg		11/22/11 12:20	11/22/11 14:36	1

Lab Sample ID: HLCS 180-21565/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.250	0.243		mg/Kg		97	90 - 110		

Lab Sample ID: LCS 180-21565/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			53.3	55.4		mg/Kg		104	38 - 162		

Lab Sample ID: LCSD 180-21565/4-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total			53.3	55.4		mg/Kg		104	38 - 162	0	20

Lab Sample ID: LLCS 180-21565/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.0500	0.0526		mg/Kg		105	90 - 110		

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

Lab Sample ID: MB 180-21594/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21645 — **Prep Batch: 21594**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		30	6.0	mg/Kg		11/22/11 14:30	11/22/11 16:15	1

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

Lab Sample ID: LCS 180-21594/2-A
Matrix: Solid
Analysis Batch: 21645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21594

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfide			192	173		mg/Kg		90	85 - 115		

Lab Sample ID: 180-6024-B-1-E MS
Matrix: Solid
Analysis Batch: 21645

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 21594

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfide	ND		257	210		mg/Kg	☼	82	75 - 125		

Lab Sample ID: 180-6024-B-1-F MSD
Matrix: Solid
Analysis Batch: 21645

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 21594

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	ND		259	203		mg/Kg	☼	78	75 - 125	3	20

Method: 9095A - Paint Filter

Lab Sample ID: 180-6030-8 DU
Matrix: Solid
Analysis Batch: 21551

Client Sample ID: OVERPACK-8-1111
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	CFL			CFL		NONE				NC	20

Method: Moisture - Percent Moisture

Lab Sample ID: 180-6024-B-1 DU
Matrix: Solid
Analysis Batch: 21217

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	25			22		%				15	20

GC/MS VOA

Leach Batch: 21502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-2	OVERPACK-2-1111	TCLP	Solid	1311	
180-6030-3	OVERPACK-3-1111	TCLP	Solid	1311	
180-6030-4	OVERPACK-4-1111	TCLP	Solid	1311	
180-6030-5	OVERPACK-5-1111	TCLP	Solid	1311	
180-6030-6	OVERPACK-6-1111	TCLP	Solid	1311	
180-6030-7	OVERPACK-7-1111	TCLP	Solid	1311	
180-6030-8	OVERPACK-8-1111	TCLP	Solid	1311	
180-6030-9	OVERPACK-9-1111	TCLP	Solid	1311	
180-6030-10	OVERPACK-10-1111	TCLP	Solid	1311	
LB 180-21502/11-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 21554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	8260B	
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	8260B	
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	8260B	
180-6030-2	OVERPACK-2-1111	TCLP	Solid	8260B	
180-6030-3	OVERPACK-3-1111	TCLP	Solid	8260B	
180-6030-4	OVERPACK-4-1111	TCLP	Solid	8260B	
180-6030-5	OVERPACK-5-1111	TCLP	Solid	8260B	
180-6030-6	OVERPACK-6-1111	TCLP	Solid	8260B	
180-6030-7	OVERPACK-7-1111	TCLP	Solid	8260B	
180-6030-8	OVERPACK-8-1111	TCLP	Solid	8260B	
180-6030-9	OVERPACK-9-1111	TCLP	Solid	8260B	
180-6030-10	OVERPACK-10-1111	TCLP	Solid	8260B	
LB 180-21502/11-A LB	Method Blank	TCLP	Solid	8260B	
LCS 180-21554/6	Lab Control Sample	Total/NA	Solid	8260B	

Prep Batch: 21936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	5035	
LCS 180-21936/4-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 180-21936/6-A	Lab Control Sample Dup	Total/NA	Solid	5035	
MB 180-21936/2-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 21958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	8260B	21936
LCS 180-21936/4-A	Lab Control Sample	Total/NA	Solid	8260B	21936
LCSD 180-21936/6-A	Lab Control Sample Dup	Total/NA	Solid	8260B	21936
MB 180-21936/2-A	Method Blank	Total/NA	Solid	8260B	21936

GC/MS Semi VOA

Leach Batch: 21280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-2	OVERPACK-2-1111	TCLP	Solid	1311	
180-6030-3	OVERPACK-3-1111	TCLP	Solid	1311	

GC/MS Semi VOA (Continued)

Leach Batch: 21280 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-4	OVERPACK-4-1111	TCLP	Solid	1311	
180-6030-5	OVERPACK-5-1111	TCLP	Solid	1311	
180-6030-6	OVERPACK-6-1111	TCLP	Solid	1311	
180-6030-7	OVERPACK-7-1111	TCLP	Solid	1311	
180-6030-8	OVERPACK-8-1111	TCLP	Solid	1311	
180-6030-9	OVERPACK-9-1111	TCLP	Solid	1311	
180-6030-10	OVERPACK-10-1111	TCLP	Solid	1311	
LB 180-21280/15-B LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 21515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	3510C	21280
180-6030-2	OVERPACK-2-1111	TCLP	Solid	3510C	21280
180-6030-3	OVERPACK-3-1111	TCLP	Solid	3510C	21280
180-6030-4	OVERPACK-4-1111	TCLP	Solid	3510C	21280
180-6030-5	OVERPACK-5-1111	TCLP	Solid	3510C	21280
180-6030-6	OVERPACK-6-1111	TCLP	Solid	3510C	21280
180-6030-7	OVERPACK-7-1111	TCLP	Solid	3510C	21280
180-6030-8	OVERPACK-8-1111	TCLP	Solid	3510C	21280
180-6030-9	OVERPACK-9-1111	TCLP	Solid	3510C	21280
180-6030-10	OVERPACK-10-1111	TCLP	Solid	3510C	21280
LB 180-21280/15-B LB	Method Blank	TCLP	Solid	3510C	21280
LCS 180-21515/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 180-21515/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 180-21515/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 21750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	8270C	21515
180-6030-2	OVERPACK-2-1111	TCLP	Solid	8270C	21515
180-6030-3	OVERPACK-3-1111	TCLP	Solid	8270C	21515
180-6030-4	OVERPACK-4-1111	TCLP	Solid	8270C	21515
180-6030-5	OVERPACK-5-1111	TCLP	Solid	8270C	21515
180-6030-6	OVERPACK-6-1111	TCLP	Solid	8270C	21515
180-6030-7	OVERPACK-7-1111	TCLP	Solid	8270C	21515
180-6030-8	OVERPACK-8-1111	TCLP	Solid	8270C	21515
180-6030-9	OVERPACK-9-1111	TCLP	Solid	8270C	21515
180-6030-10	OVERPACK-10-1111	TCLP	Solid	8270C	21515
LB 180-21280/15-B LB	Method Blank	TCLP	Solid	8270C	21515
LCS 180-21515/2-A	Lab Control Sample	Total/NA	Solid	8270C	21515
LCSD 180-21515/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	21515
MB 180-21515/1-A	Method Blank	Total/NA	Solid	8270C	21515

GC Semi VOA

Prep Batch: 22170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	3541	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	3541	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	3541	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	3541	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 22170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	3541	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	3541	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	3541	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	3541	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	3541	
LCS 180-22170/2-A	Lab Control Sample	Total/NA	Solid	3541	
LCSD 180-22170/3-A	Lab Control Sample Dup	Total/NA	Solid	3541	
MB 180-22170/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 22431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	8082	22170
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	8082	22170
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	8082	22170
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	8082	22170
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	8082	22170
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	8082	22170
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	8082	22170
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	8082	22170
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	8082	22170
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	8082	22170
LCS 180-22170/2-A	Lab Control Sample	Total/NA	Solid	8082	22170
LCSD 180-22170/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	22170
MB 180-22170/1-A	Method Blank	Total/NA	Solid	8082	22170

Metals

Leach Batch: 21280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-2	OVERPACK-2-1111	TCLP	Solid	1311	
180-6030-3	OVERPACK-3-1111	TCLP	Solid	1311	
180-6030-4	OVERPACK-4-1111	TCLP	Solid	1311	
180-6030-5	OVERPACK-5-1111	TCLP	Solid	1311	
180-6030-6	OVERPACK-6-1111	TCLP	Solid	1311	
180-6030-7	OVERPACK-7-1111	TCLP	Solid	1311	
180-6030-8	OVERPACK-8-1111	TCLP	Solid	1311	
180-6030-9	OVERPACK-9-1111	TCLP	Solid	1311	
180-6030-10	OVERPACK-10-1111	TCLP	Solid	1311	
LB 180-21280/15-C LB	Method Blank	TCLP	Solid	1311	
LB 180-21280/15-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 21717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	7470A	21280
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	7470A	21280
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	7470A	21280
180-6030-2	OVERPACK-2-1111	TCLP	Solid	7470A	21280

Metals (Continued)

Prep Batch: 21717 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-3	OVERPACK-3-1111	TCLP	Solid	7470A	21280
180-6030-4	OVERPACK-4-1111	TCLP	Solid	7470A	21280
180-6030-5	OVERPACK-5-1111	TCLP	Solid	7470A	21280
180-6030-6	OVERPACK-6-1111	TCLP	Solid	7470A	21280
180-6030-7	OVERPACK-7-1111	TCLP	Solid	7470A	21280
180-6030-8	OVERPACK-8-1111	TCLP	Solid	7470A	21280
180-6030-9	OVERPACK-9-1111	TCLP	Solid	7470A	21280
180-6030-10	OVERPACK-10-1111	TCLP	Solid	7470A	21280
LB 180-21280/15-C LB	Method Blank	TCLP	Solid	7470A	21280
LCS 180-21717/15-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 180-21717/14-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 21826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	7470A	21717
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	7470A	21717
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	7470A	21717
180-6030-2	OVERPACK-2-1111	TCLP	Solid	7470A	21717
180-6030-3	OVERPACK-3-1111	TCLP	Solid	7470A	21717
180-6030-4	OVERPACK-4-1111	TCLP	Solid	7470A	21717
180-6030-5	OVERPACK-5-1111	TCLP	Solid	7470A	21717
180-6030-6	OVERPACK-6-1111	TCLP	Solid	7470A	21717
180-6030-7	OVERPACK-7-1111	TCLP	Solid	7470A	21717
180-6030-8	OVERPACK-8-1111	TCLP	Solid	7470A	21717
180-6030-9	OVERPACK-9-1111	TCLP	Solid	7470A	21717
180-6030-10	OVERPACK-10-1111	TCLP	Solid	7470A	21717
LB 180-21280/15-C LB	Method Blank	TCLP	Solid	7470A	21717
LCS 180-21717/15-A	Lab Control Sample	Total/NA	Solid	7470A	21717
MB 180-21717/14-A	Method Blank	Total/NA	Solid	7470A	21717

Prep Batch: 21852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	3010A	21280
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	3010A	21280
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	3010A	21280
180-6030-2	OVERPACK-2-1111	TCLP	Solid	3010A	21280
180-6030-3	OVERPACK-3-1111	TCLP	Solid	3010A	21280
180-6030-4	OVERPACK-4-1111	TCLP	Solid	3010A	21280
180-6030-5	OVERPACK-5-1111	TCLP	Solid	3010A	21280
180-6030-6	OVERPACK-6-1111	TCLP	Solid	3010A	21280
180-6030-7	OVERPACK-7-1111	TCLP	Solid	3010A	21280
180-6030-8	OVERPACK-8-1111	TCLP	Solid	3010A	21280
180-6030-9	OVERPACK-9-1111	TCLP	Solid	3010A	21280
180-6030-10	OVERPACK-10-1111	TCLP	Solid	3010A	21280
LB 180-21280/15-D LB	Method Blank	TCLP	Solid	3010A	21280
LCS 180-21852/15-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 180-21852/14-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 21862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	3050B	
180-6212-A-2-B MS	Matrix Spike	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 21862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6212-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
LCS 180-21862/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 180-21862/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 22084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	6010B	21862
180-6212-A-2-B MS	Matrix Spike	Total/NA	Solid	6010B	21862
180-6212-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	21862
LCS 180-21862/2-A	Lab Control Sample	Total/NA	Solid	6010B	21862
MB 180-21862/1-A	Method Blank	Total/NA	Solid	6010B	21862

Analysis Batch: 22209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-2	OVERPACK-2-1111	TCLP	Solid	6010B	21852
180-6030-3	OVERPACK-3-1111	TCLP	Solid	6010B	21852
180-6030-4	OVERPACK-4-1111	TCLP	Solid	6010B	21852
180-6030-5	OVERPACK-5-1111	TCLP	Solid	6010B	21852
180-6030-6	OVERPACK-6-1111	TCLP	Solid	6010B	21852
180-6030-7	OVERPACK-7-1111	TCLP	Solid	6010B	21852
180-6030-8	OVERPACK-8-1111	TCLP	Solid	6010B	21852
180-6030-9	OVERPACK-9-1111	TCLP	Solid	6010B	21852
180-6030-10	OVERPACK-10-1111	TCLP	Solid	6010B	21852
LB 180-21280/15-D LB	Method Blank	TCLP	Solid	6010B	21852
LCS 180-21852/15-A	Lab Control Sample	Total/NA	Solid	6010B	21852
MB 180-21852/14-A	Method Blank	Total/NA	Solid	6010B	21852

General Chemistry

Analysis Batch: 21217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6024-B-1 DU	Duplicate	Total/NA	Solid	Moisture	
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	Moisture	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	Moisture	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	Moisture	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	Moisture	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	Moisture	
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	Moisture	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	Moisture	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	Moisture	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	Moisture	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	Moisture	
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	Moisture	

Analysis Batch: 21315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	1020B	

General Chemistry (Continued)

Analysis Batch: 21315 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	1020B	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	1020B	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	1020B	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	1020B	
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	1020B	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	1020B	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	1020B	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	1020B	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	1020B	
180-6030-10 DU	OVERPACK-10-1111	Total/NA	Solid	1020B	

Analysis Batch: 21551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9095A	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9095A	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9095A	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9095A	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9095A	
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9095A	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9095A	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9095A	
180-6030-8 DU	OVERPACK-8-1111	Total/NA	Solid	9095A	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9095A	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9095A	

Prep Batch: 21565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9012A	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9012A	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9012A	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9012A	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9012A	
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9012A	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9012A	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9012A	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9012A	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9012A	
HLCS 180-21565/2-A	Lab Control Sample	Total/NA	Solid	9012A	
LCS 180-21565/3-A	Lab Control Sample	Total/NA	Solid	9012A	
LCSD 180-21565/4-A	Lab Control Sample Dup	Total/NA	Solid	9012A	
LLCS 180-21565/1-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 180-21565/5-A	Method Blank	Total/NA	Solid	9012A	

Prep Batch: 21594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6024-B-1-E MS	Matrix Spike	Total/NA	Solid	9030B	
180-6024-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	9030B	
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9030B	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9030B	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9030B	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9030B	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9030B	

General Chemistry (Continued)

Prep Batch: 21594 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9030B	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9030B	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9030B	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9030B	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9030B	
LCS 180-21594/2-A	Lab Control Sample	Total/NA	Solid	9030B	
MB 180-21594/1-A	Method Blank	Total/NA	Solid	9030B	

Analysis Batch: 21599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9012A	21565
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9012A	21565
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9012A	21565
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9012A	21565
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9012A	21565
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9012A	21565
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9012A	21565
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9012A	21565
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9012A	21565
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9012A	21565
HLCS 180-21565/2-A	Lab Control Sample	Total/NA	Solid	9012A	21565
LCS 180-21565/3-A	Lab Control Sample	Total/NA	Solid	9012A	21565
LCSD 180-21565/4-A	Lab Control Sample Dup	Total/NA	Solid	9012A	21565
LLCS 180-21565/1-A	Lab Control Sample	Total/NA	Solid	9012A	21565
MB 180-21565/5-A	Method Blank	Total/NA	Solid	9012A	21565

Analysis Batch: 21645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6024-B-1-E MS	Matrix Spike	Total/NA	Solid	9034	21594
180-6024-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	21594
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9034	21594
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9034	21594
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9034	21594
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9034	21594
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9034	21594
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9034	21594
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9034	21594
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9034	21594
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9034	21594
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9034	21594
LCS 180-21594/2-A	Lab Control Sample	Total/NA	Solid	9034	21594
MB 180-21594/1-A	Method Blank	Total/NA	Solid	9034	21594

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180-6030

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Pittsburgh, PA

Regulatory program: ☐ DW ☒ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: AMEC	Rob Crowley	Eric Weiler	Carrie Gamber	027360
Address: 800 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-818-5146	Telephone: 412-963-2428	1 of ___ COCs
City/State/Zip: Carnegie, PA 15106	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 412-279-6661		TAT if different from below ___		Walk-in client: ☐
Project Name: Honeywell-Schmigel	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup: ☐
Project Number:	Shipping/Tracking No:			Lab sampling: ☐
PO #				Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	TCLP VOAs	Waste Parameters	Sample Specific Notes / Special Instructions:
Overpack-1-1111	11/16/11	0915				X							X			C	1	1	
Overpack-2-1111		0930				X							X			C	1	1	
Overpack-3-1111		1145				X							X			C	1	1	
Overpack-4-1111		1330				X							X			C	1	1	
Overpack-5-1111		1345				X							X			C	1	1	
Overpack-6-1111		1400				X							X			C	1	1	
Overpack-7-1111		1430				X							X			C	1	1	
Overpack-8-1111		1500				X							X			C	1	1	
Overpack-9-1111		1530				X							X			C	1	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☐ Disposal By Lab ☐ Archive For ___ Months

Special Instructions/QC Requirements & Comments:
Waste Parameters analyzed for: TCLP SVOCs, TCLP Metals, TCLP Mercury, Paint Filter, Ignitability, Sulfide and Cyanide

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	AMEC	11/16/11	Fed Ex 898732228817		11/17/11
Relinquished by:	Company:	Date/Time:	Received by: [signature]	Company: TAT	Date/Time: 11/18/11 8:00
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TAL 0018- 1 (04/10)

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Chain of Custody Record

TestAmerica Laboratory location: Pittsburgh, PA

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: AMEC	Rob Crowley	Eric Weiler	Carrie Gamber	027359
Address: 800 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-818-5146	Telephone: 412-963-2428	1 of 1 COCs
City/State/Zip: Carnegie, PA 15106	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 412-279-6661		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: HW-Schmiegel	Method of Shipment/Carrier: Fed Ex			Job/SDG No:
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs	Lead	Sample Specific Notes / Special Instructions:
Overpack-10-1111	11/17/11	1045				X							X			G	1	1	
Confirm-1-1111	11/17/11	1430				X							X			G	1	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	AMEC	11/17/11 1700	Received by: 8981 3222 8791	Fed Ex	11/17/11 1700
Relinquished by:	Company:	Date/Time:	Received by:	Company: TA PITT	Date/Time: 11/18/11 800
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TAL 0018-1 (04/10)

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FedEx Express **NEW Package US Airbill**

FedEx Tracking Number 8987 3222 8791

0200 Form ID No.

FedEx Retrieval Copy

1 From

Date 11/17/11

Sender's Name Eric Weiler Phone 412 818-5146

Company AMEC

Address 300 N. Bell Ave. Suite 200 Dept./Floor/Suite/Room

City Carnegie State PA ZIP 15106

2 Your Internal Billing Reference

3 To

Recipient's Name Sample Recieving Phone 412 463-2428

Company Test America

Address 301 Alpha Drive Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Pittsburgh State PA ZIP 15238

01 ☐ HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

31 ☐ HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8987 3222 8791

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

06 ☒ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

01 ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

05 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

49 ☐ NEW FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.

03 ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

06 ☐ FedEx Envelope* 02 ☐ FedEx Pak* 03 ☐ FedEx Box 04 ☐ FedEx Tube 01 ☒ Other

6 Special Handling and Delivery Signature Options

03 ☐ SATURDAY DELIVERY

☒ No Signature Required — Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

34 ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No 04 ☐ Yes As per attached Shipper's Declaration ☐ Yes Shipper's Declaration not required. 06 ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

1 ☒ Sender Acct. No. in Section 1 will be billed 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

Total Packages 1 Total Weight 6 lbs. Credit Card Auth.

612

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express **NEW Package US Airbill**

FedEx Tracking Number 8987 3222 8817

0200 Form ID No.

FedEx Retrieval Copy

1 From

Date 11/17/11

Sender's Name Eric Weiler Phone 412 818-5146

Company AMEC

Address 800 N. Bell Ave. Suite 200

Dept./Floor/Suite/Room

City Carnegie State PA ZIP 15106

2 Your Internal Billing Reference

3 To

Recipient's Name Sample Receiving Phone 412 963-2420

Company Test America

Address 301 Alpha Drive

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Pittsburgh State PA ZIP 15238

01 ☐ HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

31 ☐ HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

06 ☒ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

01 ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

05 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

49 ☐ NEW FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.

03 ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

06 ☐ FedEx Envelope* 02 ☐ FedEx Pak* 03 ☐ FedEx Box 04 ☐ FedEx Tube 01 ☐ Other

6 Special Handling and Delivery Signature Options

03 ☐ **SATURDAY DELIVERY**

☒ No Signature Required — Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

34 ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

☒ No 04 ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. 06 ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. ☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

1 ☒ Sender Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

Total Packages 1 Total Weight 27 lbs. Credit Card Auth.

*Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

612

fedex.com 1.800.GoFedEx 1.800.463.3339

Login Sample Receipt Checklist

Client: AMEC E&I, Inc

Job Number: 180-6030-1

Login Number: 6030

List Number: 1

Creator: O'Donnell, Brandon R

List Source: TestAmerica Pittsburgh

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

APPENDIX F

Laboratory Analytical Reports – Excavation and End-Point Samples (CD)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0J260414

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

October 27, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J260414

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 26, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibration standards had chloroethane with a %D >25%; but it was within the expected performance range for this compound.

Metals:
There were no problems associated with the analysis.

General Chemistry:
There were no problems associated with the analysis.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: MACTEC Inc.	Client Project Manager: Rob Crowley	Site Contact: Chris Hurtt	Lab Contact: Carrie Gamber	COC No: 008185
Address: 900 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428	1 of 1 COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com			
Phone:		TAT if different from below: Standard ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day		
Project Name: Schmigel Hoosick Falls	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Preservation: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other: MeOH	Analyses: VOC	SVOC/MeOH	Lead air	Lead Soil	Sample Specific Notes / Special Instructions:
WS-01-102510	10/25/10	1350				X							X	X	4	2			24 hr. TAT
LNE-1-102510	10/25/10	1510	X										X				1		388 Liters standard TAT
LSW-1-102510	10/25/10	1510	X										X				1		394 Liters standard TAT
CS-01-102510	↓	1540											X	X	4	X CH		1	
CS-2-102510	↓	1550											X	X	4	X CH		2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
LNE-1-102510 ran for 194 min.
LSW-1-102510 ran for 197 min.

Relinquished by: Chris Hurtt	Company: MACTEC	Date/Time: 10/25/10 1600	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA-Pitt	Date/Time: 10/26/10 0855

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TAL 0018- 1 (04/10)

METHODS SUMMARY

C0J260414

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0J260414

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L833L	001	WS-01-102510	10/25/10	13:50
L833N	002	CS-01-102510	10/25/10	15:40
L833Q	003	CS-02-102510	10/25/10	15:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-001 **Work Order #...:** L833L1AC **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10 **MS Run #.....:** 0299044
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 12:18
Dilution Factor: 0.95
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**36**	**23**	**ug/kg**
Benzene	ND	5.7	ug/kg
Bromodichloromethane	ND	5.7	ug/kg
Bromoform	ND	5.7	ug/kg
Bromomethane	ND	5.7	ug/kg
2-Butanone	**7.2**	**5.7**	**ug/kg**
Carbon disulfide	ND	5.7	ug/kg
Carbon tetrachloride	ND	5.7	ug/kg
Chlorobenzene	ND	5.7	ug/kg
Chloroethane	ND	5.7	ug/kg
Chloroform	ND	5.7	ug/kg
Chloromethane	ND	5.7	ug/kg
Cyclohexane	ND	5.7	ug/kg
Dibromochloromethane	ND	5.7	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg
1,2-Dibromoethane	ND	5.7	ug/kg
1,3-Dichlorobenzene	ND	5.7	ug/kg
1,4-Dichlorobenzene	ND	5.7	ug/kg
1,2-Dichlorobenzene	ND	5.7	ug/kg
Dichlorodifluoromethane	ND	5.7	ug/kg
1,1-Dichloroethane	ND	5.7	ug/kg
1,2-Dichloroethane	ND	5.7	ug/kg
1,1-Dichloroethene	ND	5.7	ug/kg
cis-1,2-Dichloroethene	ND	5.7	ug/kg
trans-1,2-Dichloroethene	ND	5.7	ug/kg
1,2-Dichloropropane	ND	5.7	ug/kg
cis-1,3-Dichloropropene	ND	5.7	ug/kg
trans-1,3-Dichloropropene	ND	5.7	ug/kg
Ethylbenzene	**2.3 J**	**5.7**	**ug/kg**
2-Hexanone	ND	5.7	ug/kg
Isopropylbenzene	ND	5.7	ug/kg
Methyl acetate	ND	5.7	ug/kg
Methylene chloride	ND	5.7	ug/kg
Methylcyclohexane	ND	5.7	ug/kg
4-Methyl-2-pentanone	ND	5.7	ug/kg
Methyl tert-butyl ether	ND	5.7	ug/kg
Styrene	ND	5.7	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-001 **Work Order #...:** L833L1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg
1,2,4-Trichloro-benzene	ND	5.7	ug/kg
Tetrachloroethene	ND	5.7	ug/kg
1,1,1-Trichloroethane	ND	5.7	ug/kg
1,1,2-Trichloroethane	ND	5.7	ug/kg
Trichloroethene	ND	5.7	ug/kg
Trichlorofluoromethane	ND	5.7	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg
Toluene	ND	5.7	ug/kg
Vinyl chloride	ND	5.7	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(52 - 124)
Toluene-d8	111	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	108	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-01-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-002 **Work Order #...:** L833N1AC **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10 **MS Run #.....:** 0299044
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 12:41
Dilution Factor: 1.05
% Moisture.....: 6.6 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	22	ug/kg
Benzene	ND	5.6	ug/kg
Bromodichloromethane	ND	5.6	ug/kg
Bromoform	ND	5.6	ug/kg
Bromomethane	ND	5.6	ug/kg
2-Butanone	ND	5.6	ug/kg
Carbon disulfide	ND	5.6	ug/kg
Carbon tetrachloride	ND	5.6	ug/kg
Chlorobenzene	ND	5.6	ug/kg
Chloroethane	ND	5.6	ug/kg
Chloroform	ND	5.6	ug/kg
Chloromethane	ND	5.6	ug/kg
Cyclohexane	ND	5.6	ug/kg
Dibromochloromethane	ND	5.6	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.6	ug/kg
1,2-Dibromoethane	ND	5.6	ug/kg
1,3-Dichlorobenzene	ND	5.6	ug/kg
1,4-Dichlorobenzene	ND	5.6	ug/kg
1,2-Dichlorobenzene	ND	5.6	ug/kg
Dichlorodifluoromethane	ND	5.6	ug/kg
1,1-Dichloroethane	ND	5.6	ug/kg
1,2-Dichloroethane	ND	5.6	ug/kg
1,1-Dichloroethene	ND	5.6	ug/kg
cis-1,2-Dichloroethene	ND	5.6	ug/kg
trans-1,2-Dichloroethene	ND	5.6	ug/kg
1,2-Dichloropropane	ND	5.6	ug/kg
cis-1,3-Dichloropropene	ND	5.6	ug/kg
trans-1,3-Dichloropropene	ND	5.6	ug/kg
Ethylbenzene	ND	5.6	ug/kg
2-Hexanone	ND	5.6	ug/kg
Isopropylbenzene	ND	5.6	ug/kg
Methyl acetate	ND	5.6	ug/kg
Methylene chloride	ND	5.6	ug/kg
Methylcyclohexane	ND	5.6	ug/kg
4-Methyl-2-pentanone	ND	5.6	ug/kg
Methyl tert-butyl ether	ND	5.6	ug/kg
Styrene	ND	5.6	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-01-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-002 **Work Order #...:** L833N1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg
1,2,4-Trichloro-benzene	ND	5.6	ug/kg
Tetrachloroethene	ND	5.6	ug/kg
1,1,1-Trichloroethane	ND	5.6	ug/kg
1,1,2-Trichloroethane	ND	5.6	ug/kg
Trichloroethene	ND	5.6	ug/kg
Trichlorofluoromethane	ND	5.6	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.6	ug/kg
Toluene	ND	5.6	ug/kg
Vinyl chloride	ND	5.6	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	82	(52 - 124)
Toluene-d8	114	(72 - 127)
4-Bromofluorobenzene	81	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-02-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-003 **Work Order #...:** L833Q1AC **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10 **MS Run #.....:** 0299044
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 13:06
Dilution Factor: 1.01
% Moisture.....: 21 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**9.4 J**	**25**	**ug/kg**
Benzene	ND	6.4	ug/kg
Bromodichloromethane	ND	6.4	ug/kg
Bromoform	ND	6.4	ug/kg
Bromomethane	ND	6.4	ug/kg
2-Butanone	ND	6.4	ug/kg
Carbon disulfide	ND	6.4	ug/kg
Carbon tetrachloride	ND	6.4	ug/kg
Chlorobenzene	ND	6.4	ug/kg
Chloroethane	ND	6.4	ug/kg
Chloroform	ND	6.4	ug/kg
Chloromethane	ND	6.4	ug/kg
Cyclohexane	ND	6.4	ug/kg
Dibromochloromethane	ND	6.4	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.4	ug/kg
1,2-Dibromoethane	ND	6.4	ug/kg
1,3-Dichlorobenzene	ND	6.4	ug/kg
1,4-Dichlorobenzene	ND	6.4	ug/kg
1,2-Dichlorobenzene	ND	6.4	ug/kg
Dichlorodifluoromethane	ND	6.4	ug/kg
1,1-Dichloroethane	ND	6.4	ug/kg
1,2-Dichloroethane	ND	6.4	ug/kg
1,1-Dichloroethene	ND	6.4	ug/kg
cis-1,2-Dichloroethene	ND	6.4	ug/kg
trans-1,2-Dichloroethene	ND	6.4	ug/kg
1,2-Dichloropropane	ND	6.4	ug/kg
cis-1,3-Dichloropropene	ND	6.4	ug/kg
trans-1,3-Dichloropropene	ND	6.4	ug/kg
Ethylbenzene	ND	6.4	ug/kg
2-Hexanone	ND	6.4	ug/kg
Isopropylbenzene	ND	6.4	ug/kg
Methyl acetate	ND	6.4	ug/kg
Methylene chloride	ND	6.4	ug/kg
Methylcyclohexane	ND	6.4	ug/kg
4-Methyl-2-pentanone	ND	6.4	ug/kg
Methyl tert-butyl ether	ND	6.4	ug/kg
Styrene	ND	6.4	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-02-102510

GC/MS Volatiles

Lot-Sample #...: C0J260414-003 **Work Order #...:** L833Q1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg
1,2,4-Trichloro-benzene	ND	6.4	ug/kg
Tetrachloroethene	ND	6.4	ug/kg
1,1,1-Trichloroethane	ND	6.4	ug/kg
1,1,2-Trichloroethane	ND	6.4	ug/kg
Trichloroethene	ND	6.4	ug/kg
Trichlorofluoromethane	ND	6.4	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg
Toluene	ND	6.4	ug/kg
Vinyl chloride	ND	6.4	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	81	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J260414 **Work Order #...:** L83WH1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0J260000-061

Prep Date.....: 10/26/10 **Analysis Time..:** 06:30
Analysis Date..: 10/26/10 **Prep Batch #...:** 0299061
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J260414 **Work Order #...:** L83WH1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(52 - 124)
Toluene-d8	106	(72 - 127)
4-Bromofluorobenzene	87	(63 - 120)
Dibromofluoromethane	98	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J260414 **Work Order #...:** L83WH1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0J260000-061
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 07:20
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**106**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**105**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**82**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**107**	**(76 - 119)**	**SW846 8260B**
Toluene	**110**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
Dibromofluoromethane	104	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J260414 **Work Order #...:** L80RK1CE-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J220550-001 L80RK1CF-MSD
Date Sampled...: 10/20/10 **Date Received..:** 10/22/10 **MS Run #.....:** 0299044
Prep Date.....: 10/26/10 **Analysis Date..:** 10/26/10
Prep Batch #...: 0299061 **Analysis Time..:** 07:42
Dilution Factor: 1 **% Moisture.....:** 6.4

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**99**	**(77 - 120)**			**SW846 8260B**
	103	**(77 - 120)**	**4.4**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**99**	**(79 - 120)**			**SW846 8260B**
	105	**(79 - 120)**	**5.5**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**91**	**(59 - 129)**			**SW846 8260B**
	95	**(59 - 129)**	**4.4**	**(0-25)**	**SW846 8260B**
Trichloroethene	**100**	**(76 - 119)**			**SW846 8260B**
	103	**(76 - 119)**	**2.9**	**(0-21)**	**SW846 8260B**
Toluene	**104**	**(78 - 124)**			**SW846 8260B**
	111	**(78 - 124)**	**6.0**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(52 - 124)
	90	(52 - 124)
Toluene-d8	106	(72 - 127)
	113	(72 - 127)
4-Bromofluorobenzene	89	(63 - 120)
	94	(63 - 120)
Dibromofluoromethane	100	(68 - 121)
	105	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

TOTAL Metals

Lot-Sample #...: C0J260414-001 **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0299397						
Lead	**16.9**	**0.33**	**mg/kg**	**SW846 6010B**	**10/26-10/27/10**	**L833L1AD**
		Dilution Factor: 0.93		Analysis Time..: 11:54	MS Run #.....: 0299233	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-01-102510

TOTAL Metals

Lot-Sample #...: C0J260414-002 **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 6.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0299397						
Lead	**35.9**	**0.30**	**mg/kg**	**SW846 6010B**	**10/26-10/27/10**	**L833N1AD**
		Dilution Factor: 0.94		Analysis Time..: 11:59	MS Run #.....: 0299233	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-02-102510

TOTAL Metals

Lot-Sample #...: C0J260414-003 **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 21

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0299397						
Lead	**14.1**	**0.20**	**mg/kg**	**SW846 6010B**	**10/26-10/27/10**	**L833Q1AD**
		Dilution Factor: 0.54		Analysis Time..: 12:04	MS Run #.....: 0299233	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0J260414 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0J260000-397 **Prep Batch #...:** 0299397						
Lead	ND	0.16	mg/kg	SW846 6010B	10/26-10/27/10	L84891AU
		Dilution Factor: 0.52				
		Analysis Time..: 11:17				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0J260414 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0J260000-397 **Prep Batch #...:** 0299397					
Lead	90	(80 - 120)	SW846 6010B	10/26-10/27/10	L84891CK
		Dilution Factor: 0.85	Analysis Time..: 11:23		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0J260414 **Matrix.....:** SOLID
Date Sampled...: 10/21/10 **Date Received..:** 10/22/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J220406-001 **Prep Batch #...:** 0299397							
						% Moisture.....: 17	
Lead	80	(75 - 125)			SW846 6010B	10/26-10/27/10	L8W5V1C7
	81	(75 - 125)	10	(0-20)	SW846 6010B	10/26-10/27/10	L8W5V1C8

Dilution Factor: 0.84
Analysis Time..: 13:33
MS Run #.....: 0299233

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WS-01-102510

General Chemistry

Lot-Sample #...: C0J260414-001 **Work Order #...:** L833L **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.1**		**%**	**SM20 2540G**	**10/26-10/27/10**	**0299288**

Dilution Factor: 1 Analysis Time..: 08:07 MS Run #.....: 0299155

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-01-102510

General Chemistry

Lot-Sample #...: C0J260414-002 **Work Order #...:** L833N **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.4**		**%**	**SM20 2540G**	**10/26-10/27/10**	**0299288**

Dilution Factor: 1 Analysis Time..: 08:07 MS Run #.....: 0299155

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-02-102510

General Chemistry

Lot-Sample #...: C0J260414-003 **Work Order #...:** L833Q **Matrix.....:** SOLID
Date Sampled...: 10/25/10 **Date Received..:** 10/26/10
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.2**		**%**	**SM20 2540G**	**10/26-10/27/10**	**0299288**

Dilution Factor: 1 Analysis Time..: 08:07 MS Run #.....: 0299155

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J260414 **Work Order #...:** L8QXM-SMP **Matrix.....:** SOLID
L8QXM-DUP
Date Sampled...: 10/19/10 **Date Received..:** 10/20/10
% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0J200412-001		
	100	100	%	0.0	(0-20)	SM20 2540G	10/26-10/27/10	0299288

Dilution Factor: 1 Analysis Time..: 08:07 MS Run Number..: 0299155

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0J270437

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

November 1, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0J270437

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on October 27, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibrations had compounds >25%D but they were within expected performance range for the compounds. All results were reported.

Due to the concentration of target compounds detected, sample CS-6-102610 was analyzed as both a low-level and medium-level soil. Both sets of data were reported.

Sample CS-7-102610 was analyzed twice, due to possible carry-over from the high concentration of methylene chloride detected in the previous sample. Both sets of data were reported.

The method blank from batch 0301136 had 1,2,4-trichlorobenzene detected at a concentration between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "B" qualifier.

Metals:
The method blank had lead detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

The relative percent difference between the matrix spike and matrix spike duplicate of sample CS-3-102610 recovered above control limits for lead.

General Chemistry:
There were no problems associated with the analysis.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: ______
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other ______

TestAmerica Laboratories, Inc.

COC No: 008184
1 of 2 COCs

Client Contact			
Company Name: MACTEC Inc.	Client Project Manager: Rob Crowley	Site Contact: Chris Hortert	Lab Contact: Carrie Gamber
Address: 4300 N. Bell Ave Suite 200	Telephone: 412-279-6661	Telephone: 412-279-6661	Telephone: 412-963-2428
City/State/Zip: Pittsburgh, PA 15106	Email: recrowley@mactec.com		
Phone: 412-279-6661		TAT if different from below: ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day	
Project Name: HW Hoosick Falls	Method of Shipment/Carrier: Fed Ex		
Project Number:	Shipping/Tracking No:		
PO#			

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	MeOH		VOC	Lead soil	TCLP and IRC	lead and total	Sample Specific Notes / Special Instructions
CS-3-102610	10/26/10	0905			X								X		X	MG	4	1			
CS-4-102610	↓	1045			X								↓		↓	MG	4	1			
CS-5-102610	↓	1130			X								↓		↓	MG	4	1			
CS-6-102610	↓	1210			X								↓		↓	MG	4	1			
CS-7-102610	↓	1230			X								↓		↓	MG	4	1			
CS-8-102610	↓	1255			X								↓		↓	MG	4	1			
D-1-102610	↓	1345					X						↓			MC			1	1	
D-2-102610	↓	1350					X						↓			MC			1	1	
D-3-102610	↓	1430					X						↓			MC			1	1	
D-4-102610	↓	1520					X						X			MC			1	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For ______ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	10/26/10 1800			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: P. Faust	Company: TA-Pitt	Date/Time: 10/27/10 1000

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TAL 0018-1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

COC No: 003362
2 of 2 COCs

Client Contact
Company Name: MACTEC Inc.
Address: 400 N. Bell Ave. Suite 200
City/State/Zip: Pittsburgh Pa 15106
Phone: 412-279-6661
Project Name: HW Hancock Falls, NY
Project Number:
PO#

Client Project Manager: Rob Crowley
Telephone: 412-279-6661
Email: recrowley@mactec.com
Method of Shipment/Carrier: Fed Ex
Shipping/Tracking No:

Site Contact: Chris Herbert
Telephone: 412-279-6661

Lab Contact: Carrie Gamber
Telephone: 412-963-2428

TAT if different from below Standard
☐ 3 weeks
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Preservation: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Analyses:			Sample Specific Notes / Special Instructions:
															Lead	SVOC		
LMW-1-102610	10/26/10	1541	X										Y		4	1		
LSW-2-102610	10/26/10	1547	X										X		4	1		
WS-01-102510	10/25/10	1350			X								X			2		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

	Company	Date/Time		Company	Date/Time
Relinquished by: [signature]	MACTEC	10/26/10 1600	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received in Laboratory by: [signature]	TA-Pitt	10/27/10 1000

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0J270437

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0J270437

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L852M	001	CS-3-102610	10/26/10	09:05
L852T	002	CS-4-102610	10/26/10	10:45
L852V	003	CS-5-102610	10/26/10	11:30
L852W	004	CS-6-102610	10/26/10	12:10
L852X	005	CS-7-102610	10/26/10	12:30
L8520	006	CS-8-102610	10/26/10	12:55

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-3-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-001 **Work Order #...:** L852M1AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Prep Date.....: 10/28/10 **Analysis Date..:** 10/28/10
Prep Batch #...: 0301136 **Analysis Time..:** 08:50
Dilution Factor: 1.42
% Moisture.....: 9.5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	31	ug/kg
Benzene	ND	7.8	ug/kg
Bromodichloromethane	ND	7.8	ug/kg
Bromoform	ND	7.8	ug/kg
Bromomethane	ND	7.8	ug/kg
2-Butanone	ND	7.8	ug/kg
Carbon disulfide	ND	7.8	ug/kg
Carbon tetrachloride	ND	7.8	ug/kg
Chlorobenzene	ND	7.8	ug/kg
Chloroethane	ND	7.8	ug/kg
Chloroform	ND	7.8	ug/kg
Chloromethane	ND	7.8	ug/kg
Cyclohexane	ND	7.8	ug/kg
Dibromochloromethane	ND	7.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.8	ug/kg
1,2-Dibromoethane	ND	7.8	ug/kg
1,3-Dichlorobenzene	ND	7.8	ug/kg
1,4-Dichlorobenzene	ND	7.8	ug/kg
1,2-Dichlorobenzene	ND	7.8	ug/kg
Dichlorodifluoromethane	ND	7.8	ug/kg
1,1-Dichloroethane	ND	7.8	ug/kg
1,2-Dichloroethane	ND	7.8	ug/kg
1,1-Dichloroethene	ND	7.8	ug/kg
cis-1,2-Dichloroethene	ND	7.8	ug/kg
trans-1,2-Dichloroethene	ND	7.8	ug/kg
1,2-Dichloropropane	ND	7.8	ug/kg
cis-1,3-Dichloropropene	ND	7.8	ug/kg
trans-1,3-Dichloropropene	ND	7.8	ug/kg
Ethylbenzene	ND	7.8	ug/kg
2-Hexanone	ND	7.8	ug/kg
Isopropylbenzene	ND	7.8	ug/kg
Methyl acetate	ND	7.8	ug/kg
Methylene chloride	**13**	**7.8**	**ug/kg**
Methylcyclohexane	ND	7.8	ug/kg
4-Methyl-2-pentanone	ND	7.8	ug/kg
Methyl tert-butyl ether	ND	7.8	ug/kg
Styrene	ND	7.8	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-3-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-001 **Work Order #...:** L852M1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.8	ug/kg
1,2,4-Trichloro-benzene	ND	7.8	ug/kg
Tetrachloroethene	ND	7.8	ug/kg
1,1,1-Trichloroethane	ND	7.8	ug/kg
1,1,2-Trichloroethane	ND	7.8	ug/kg
Trichloroethene	ND	7.8	ug/kg
Trichlorofluoromethane	ND	7.8	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.8	ug/kg
Toluene	ND	7.8	ug/kg
Vinyl chloride	ND	7.8	ug/kg
Xylenes (total)	ND	24	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(52 - 124)
Toluene-d8	116	(72 - 127)
4-Bromofluorobenzene	89	(63 - 120)
Dibromofluoromethane	109	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-4-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-002 **Work Order #...:** L852T1AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Prep Date.....: 10/28/10 **Analysis Date..:** 10/28/10
Prep Batch #...: 0301136 **Analysis Time..:** 13:03
Dilution Factor: 1.16
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**100**	**28**	**ug/kg**
Benzene	ND	7.0	ug/kg
Bromodichloromethane	ND	7.0	ug/kg
Bromoform	ND	7.0	ug/kg
Bromomethane	ND	7.0	ug/kg
2-Butanone	**27**	**7.0**	**ug/kg**
Carbon disulfide	**3.7 J**	**7.0**	**ug/kg**
Carbon tetrachloride	ND	7.0	ug/kg
Chlorobenzene	ND	7.0	ug/kg
Chloroethane	ND	7.0	ug/kg
Chloroform	ND	7.0	ug/kg
Chloromethane	ND	7.0	ug/kg
Cyclohexane	ND	7.0	ug/kg
Dibromochloromethane	ND	7.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.0	ug/kg
1,2-Dibromoethane	ND	7.0	ug/kg
1,3-Dichlorobenzene	ND	7.0	ug/kg
1,4-Dichlorobenzene	ND	7.0	ug/kg
1,2-Dichlorobenzene	ND	7.0	ug/kg
Dichlorodifluoromethane	ND	7.0	ug/kg
1,1-Dichloroethane	ND	7.0	ug/kg
1,2-Dichloroethane	ND	7.0	ug/kg
1,1-Dichloroethene	ND	7.0	ug/kg
cis-1,2-Dichloroethene	ND	7.0	ug/kg
trans-1,2-Dichloroethene	ND	7.0	ug/kg
1,2-Dichloropropane	ND	7.0	ug/kg
cis-1,3-Dichloropropene	ND	7.0	ug/kg
trans-1,3-Dichloropropene	ND	7.0	ug/kg
Ethylbenzene	ND	7.0	ug/kg
2-Hexanone	ND	7.0	ug/kg
Isopropylbenzene	ND	7.0	ug/kg
Methyl acetate	ND	7.0	ug/kg
Methylene chloride	**34**	**7.0**	**ug/kg**
Methylcyclohexane	ND	7.0	ug/kg
4-Methyl-2-pentanone	ND	7.0	ug/kg
Methyl tert-butyl ether	ND	7.0	ug/kg
Styrene	ND	7.0	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-4-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-002 **Work Order #...:** L852T1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.0	ug/kg
1,2,4-Trichloro-benzene	ND	7.0	ug/kg
Tetrachloroethene	ND	7.0	ug/kg
1,1,1-Trichloroethane	ND	7.0	ug/kg
1,1,2-Trichloroethane	ND	7.0	ug/kg
Trichloroethene	ND	7.0	ug/kg
Trichlorofluoromethane	ND	7.0	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.0	ug/kg
Toluene	ND	7.0	ug/kg
Vinyl chloride	ND	7.0	ug/kg
Xylenes (total)	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	84	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-5-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-003 **Work Order #...:** L852V1AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Prep Date.....: 10/28/10 **Analysis Date..:** 10/28/10
Prep Batch #...: 0301136 **Analysis Time..:** 10:21
Dilution Factor: 1.17
% Moisture.....: 20 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	29	ug/kg
Benzene	ND	7.3	ug/kg
Bromodichloromethane	ND	7.3	ug/kg
Bromoform	ND	7.3	ug/kg
Bromomethane	ND	7.3	ug/kg
2-Butanone	ND	7.3	ug/kg
Carbon disulfide	ND	7.3	ug/kg
Carbon tetrachloride	ND	7.3	ug/kg
Chlorobenzene	ND	7.3	ug/kg
Chloroethane	ND	7.3	ug/kg
Chloroform	ND	7.3	ug/kg
Chloromethane	ND	7.3	ug/kg
Cyclohexane	ND	7.3	ug/kg
Dibromochloromethane	ND	7.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.3	ug/kg
1,2-Dibromoethane	ND	7.3	ug/kg
1,3-Dichlorobenzene	ND	7.3	ug/kg
1,4-Dichlorobenzene	ND	7.3	ug/kg
1,2-Dichlorobenzene	ND	7.3	ug/kg
Dichlorodifluoromethane	ND	7.3	ug/kg
1,1-Dichloroethane	ND	7.3	ug/kg
1,2-Dichloroethane	ND	7.3	ug/kg
1,1-Dichloroethene	ND	7.3	ug/kg
cis-1,2-Dichloroethene	ND	7.3	ug/kg
trans-1,2-Dichloroethene	ND	7.3	ug/kg
1,2-Dichloropropane	ND	7.3	ug/kg
cis-1,3-Dichloropropene	ND	7.3	ug/kg
trans-1,3-Dichloropropene	ND	7.3	ug/kg
Ethylbenzene	ND	7.3	ug/kg
2-Hexanone	ND	7.3	ug/kg
Isopropylbenzene	ND	7.3	ug/kg
Methyl acetate	ND	7.3	ug/kg
Methylene chloride	**19**	**7.3**	**ug/kg**
Methylcyclohexane	ND	7.3	ug/kg
4-Methyl-2-pentanone	ND	7.3	ug/kg
Methyl tert-butyl ether	ND	7.3	ug/kg
Styrene	ND	7.3	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-5-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-003 **Work Order #...:** L852V1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.3	ug/kg
1,2,4-Trichloro-benzene	ND	7.3	ug/kg
Tetrachloroethene	ND	7.3	ug/kg
1,1,1-Trichloroethane	ND	7.3	ug/kg
1,1,2-Trichloroethane	ND	7.3	ug/kg
Trichloroethene	ND	7.3	ug/kg
Trichlorofluoromethane	ND	7.3	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.3	ug/kg
Toluene	ND	7.3	ug/kg
Vinyl chloride	ND	7.3	ug/kg
Xylenes (total)	ND	22	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(52 - 124)
Toluene-d8	112	(72 - 127)
4-Bromofluorobenzene	83	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-6-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-004 **Work Order #...:** L852W1AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Prep Date.....: 10/28/10 **Analysis Date..:** 10/28/10
Prep Batch #...: 0301136 **Analysis Time..:** 10:44
Dilution Factor: 1.3
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**89**	**31**	**ug/kg**
Benzene	ND	7.8	ug/kg
Bromodichloromethane	ND	7.8	ug/kg
Bromoform	ND	7.8	ug/kg
Bromomethane	ND	7.8	ug/kg
2-Butanone	ND	7.8	ug/kg
Carbon disulfide	ND	7.8	ug/kg
Carbon tetrachloride	ND	7.8	ug/kg
Chlorobenzene	ND	7.8	ug/kg
Chloroethane	ND	7.8	ug/kg
Chloroform	ND	7.8	ug/kg
Chloromethane	ND	7.8	ug/kg
Cyclohexane	ND	7.8	ug/kg
Dibromochloromethane	ND	7.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.8	ug/kg
1,2-Dibromoethane	ND	7.8	ug/kg
1,3-Dichlorobenzene	ND	7.8	ug/kg
1,4-Dichlorobenzene	ND	7.8	ug/kg
1,2-Dichlorobenzene	ND	7.8	ug/kg
Dichlorodifluoromethane	ND	7.8	ug/kg
1,1-Dichloroethane	ND	7.8	ug/kg
1,2-Dichloroethane	ND	7.8	ug/kg
1,1-Dichloroethene	**3.4 J**	**7.8**	**ug/kg**
cis-1,2-Dichloroethene	ND	7.8	ug/kg
trans-1,2-Dichloroethene	ND	7.8	ug/kg
1,2-Dichloropropane	ND	7.8	ug/kg
cis-1,3-Dichloropropene	ND	7.8	ug/kg
trans-1,3-Dichloropropene	ND	7.8	ug/kg
Ethylbenzene	ND	7.8	ug/kg
2-Hexanone	ND	7.8	ug/kg
Isopropylbenzene	ND	7.8	ug/kg
Methyl acetate	ND	7.8	ug/kg
Methylene chloride	**790 E**	**7.8**	**ug/kg**
Methylcyclohexane	ND	7.8	ug/kg
4-Methyl-2-pentanone	ND	7.8	ug/kg
Methyl tert-butyl ether	ND	7.8	ug/kg
Styrene	ND	7.8	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-6-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-004 **Work Order #...:** L852W1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.8	ug/kg
1,2,4-Trichloro-benzene	ND	7.8	ug/kg
Tetrachloroethene	ND	7.8	ug/kg
1,1,1-Trichloroethane	ND	7.8	ug/kg
1,1,2-Trichloroethane	ND	7.8	ug/kg
Trichloroethene	ND	7.8	ug/kg
Trichlorofluoromethane	ND	7.8	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.8	ug/kg
Toluene	ND	7.8	ug/kg
Vinyl chloride	**4.5 J**	**7.8**	**ug/kg**
Xylenes (total)	ND	23	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(52 - 124)
Toluene-d8	94	(72 - 127)
4-Bromofluorobenzene	85	(63 - 120)
Dibromofluoromethane	106	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

E Estimated result. Result concentration exceeds the calibration range.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-6-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-004 **Work Order #...:** L852W2AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Prep Date.....: 10/31/10 **Analysis Date..:** 10/31/10
Prep Batch #...: 0304052 **Analysis Time..:** 17:13
Dilution Factor: 1.61
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	1900	ug/kg
Benzene	ND	480	ug/kg
Bromodichloromethane	ND	480	ug/kg
Bromoform	ND	480	ug/kg
Bromomethane	ND	480	ug/kg
2-Butanone	ND	480	ug/kg
Carbon disulfide	ND	480	ug/kg
Carbon tetrachloride	ND	480	ug/kg
Chlorobenzene	ND	480	ug/kg
Chloroethane	ND	480	ug/kg
Chloroform	ND	480	ug/kg
Chloromethane	ND	480	ug/kg
Cyclohexane	**170 J**	**480**	**ug/kg**
Dibromochloromethane	ND	480	ug/kg
1,2-Dibromo-3-chloro-propane	ND	480	ug/kg
1,2-Dibromoethane	ND	480	ug/kg
1,3-Dichlorobenzene	ND	480	ug/kg
1,4-Dichlorobenzene	ND	480	ug/kg
1,2-Dichlorobenzene	ND	480	ug/kg
Dichlorodifluoromethane	ND	480	ug/kg
1,1-Dichloroethane	ND	480	ug/kg
1,2-Dichloroethane	ND	480	ug/kg
1,1-Dichloroethene	ND	480	ug/kg
cis-1,2-Dichloroethene	ND	480	ug/kg
trans-1,2-Dichloroethene	ND	480	ug/kg
1,2-Dichloropropane	ND	480	ug/kg
cis-1,3-Dichloropropene	ND	480	ug/kg
trans-1,3-Dichloropropene	ND	480	ug/kg
Ethylbenzene	ND	480	ug/kg
2-Hexanone	ND	480	ug/kg
Isopropylbenzene	ND	480	ug/kg
Methyl acetate	ND	480	ug/kg
Methylene chloride	**360 J**	**480**	**ug/kg**
Methylcyclohexane	ND	480	ug/kg
4-Methyl-2-pentanone	ND	480	ug/kg
Methyl tert-butyl ether	ND	480	ug/kg
Styrene	ND	480	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-6-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-004 **Work Order #...:** L852W2AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	480	ug/kg
1,2,4-Trichloro-benzene	ND	480	ug/kg
Tetrachloroethene	**290 J**	**480**	**ug/kg**
1,1,1-Trichloroethane	ND	480	ug/kg
1,1,2-Trichloroethane	ND	480	ug/kg
Trichloroethene	ND	480	ug/kg
Trichlorofluoromethane	ND	480	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	480	ug/kg
Toluene	ND	480	ug/kg
Vinyl chloride	ND	480	ug/kg
Xylenes (total)	ND	1400	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(52 - 124)
Toluene-d8	99	(72 - 127)
4-Bromofluorobenzene	99	(63 - 120)
Dibromofluoromethane	92	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-7-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-005 **Work Order #...:** L852X1AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Prep Date.....: 10/28/10 **Analysis Date..:** 10/28/10
Prep Batch #...: 0301136 **Analysis Time..:** 11:06
Dilution Factor: 1.33
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	31	ug/kg
Benzene	ND	7.9	ug/kg
Bromodichloromethane	ND	7.9	ug/kg
Bromoform	ND	7.9	ug/kg
Bromomethane	ND	7.9	ug/kg
2-Butanone	ND	7.9	ug/kg
Carbon disulfide	ND	7.9	ug/kg
Carbon tetrachloride	ND	7.9	ug/kg
Chlorobenzene	ND	7.9	ug/kg
Chloroethane	ND	7.9	ug/kg
Chloroform	ND	7.9	ug/kg
Chloromethane	ND	7.9	ug/kg
Cyclohexane	ND	7.9	ug/kg
Dibromochloromethane	ND	7.9	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.9	ug/kg
1,2-Dibromoethane	ND	7.9	ug/kg
1,3-Dichlorobenzene	ND	7.9	ug/kg
1,4-Dichlorobenzene	ND	7.9	ug/kg
1,2-Dichlorobenzene	ND	7.9	ug/kg
Dichlorodifluoromethane	ND	7.9	ug/kg
1,1-Dichloroethane	ND	7.9	ug/kg
1,2-Dichloroethane	ND	7.9	ug/kg
1,1-Dichloroethene	ND	7.9	ug/kg
cis-1,2-Dichloroethene	ND	7.9	ug/kg
trans-1,2-Dichloroethene	ND	7.9	ug/kg
1,2-Dichloropropane	ND	7.9	ug/kg
cis-1,3-Dichloropropene	ND	7.9	ug/kg
trans-1,3-Dichloropropene	ND	7.9	ug/kg
Ethylbenzene	ND	7.9	ug/kg
2-Hexanone	ND	7.9	ug/kg
Isopropylbenzene	ND	7.9	ug/kg
Methyl acetate	ND	7.9	ug/kg
Methylene chloride	**27**	**7.9**	**ug/kg**
Methylcyclohexane	ND	7.9	ug/kg
4-Methyl-2-pentanone	ND	7.9	ug/kg
Methyl tert-butyl ether	ND	7.9	ug/kg
Styrene	ND	7.9	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-7-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-005 **Work Order #...:** L852X1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.9	ug/kg
1,2,4-Trichloro-benzene	ND	7.9	ug/kg
Tetrachloroethene	ND	7.9	ug/kg
1,1,1-Trichloroethane	ND	7.9	ug/kg
1,1,2-Trichloroethane	ND	7.9	ug/kg
Trichloroethene	ND	7.9	ug/kg
Trichlorofluoromethane	ND	7.9	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.9	ug/kg
Toluene	ND	7.9	ug/kg
Vinyl chloride	ND	7.9	ug/kg
Xylenes (total)	ND	24	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	79	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-7-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-005 **Work Order #...:** L852X2AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Prep Date.....: 10/28/10 **Analysis Date..:** 10/28/10
Prep Batch #...: 0301136 **Analysis Time..:** 11:52
Dilution Factor: 1.28
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	30	ug/kg
Benzene	ND	7.6	ug/kg
Bromodichloromethane	ND	7.6	ug/kg
Bromoform	ND	7.6	ug/kg
Bromomethane	ND	7.6	ug/kg
2-Butanone	ND	7.6	ug/kg
Carbon disulfide	ND	7.6	ug/kg
Carbon tetrachloride	ND	7.6	ug/kg
Chlorobenzene	ND	7.6	ug/kg
Chloroethane	ND	7.6	ug/kg
Chloroform	ND	7.6	ug/kg
Chloromethane	ND	7.6	ug/kg
Cyclohexane	ND	7.6	ug/kg
Dibromochloromethane	ND	7.6	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.6	ug/kg
1,2-Dibromoethane	ND	7.6	ug/kg
1,3-Dichlorobenzene	ND	7.6	ug/kg
1,4-Dichlorobenzene	ND	7.6	ug/kg
1,2-Dichlorobenzene	ND	7.6	ug/kg
Dichlorodifluoromethane	ND	7.6	ug/kg
1,1-Dichloroethane	ND	7.6	ug/kg
1,2-Dichloroethane	ND	7.6	ug/kg
1,1-Dichloroethene	ND	7.6	ug/kg
cis-1,2-Dichloroethene	ND	7.6	ug/kg
trans-1,2-Dichloroethene	ND	7.6	ug/kg
1,2-Dichloropropane	ND	7.6	ug/kg
cis-1,3-Dichloropropene	ND	7.6	ug/kg
trans-1,3-Dichloropropene	ND	7.6	ug/kg
Ethylbenzene	ND	7.6	ug/kg
2-Hexanone	ND	7.6	ug/kg
Isopropylbenzene	ND	7.6	ug/kg
Methyl acetate	ND	7.6	ug/kg
Methylene chloride	**12**	**7.6**	**ug/kg**
Methylcyclohexane	ND	7.6	ug/kg
4-Methyl-2-pentanone	ND	7.6	ug/kg
Methyl tert-butyl ether	ND	7.6	ug/kg
Styrene	ND	7.6	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-7-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-005 **Work Order #...:** L852X2AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.6	ug/kg
1,2,4-Trichloro-benzene	ND	7.6	ug/kg
Tetrachloroethene	ND	7.6	ug/kg
1,1,1-Trichloroethane	ND	7.6	ug/kg
1,1,2-Trichloroethane	ND	7.6	ug/kg
Trichloroethene	ND	7.6	ug/kg
Trichlorofluoromethane	ND	7.6	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.6	ug/kg
Toluene	ND	7.6	ug/kg
Vinyl chloride	ND	7.6	ug/kg
Xylenes (total)	ND	23	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	81	(52 - 124)
Toluene-d8	110	(72 - 127)
4-Bromofluorobenzene	83	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-8-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-006 **Work Order #...:** L85201AC **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:**
Prep Date.....: 10/28/10 **Analysis Date..:** 10/28/10
Prep Batch #...: 0301136 **Analysis Time..:** 12:15
Dilution Factor: 1.09
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**7.9 J**	**26**	**ug/kg**
Benzene	ND	6.6	ug/kg
Bromodichloromethane	ND	6.6	ug/kg
Bromoform	ND	6.6	ug/kg
Bromomethane	ND	6.6	ug/kg
2-Butanone	ND	6.6	ug/kg
Carbon disulfide	ND	6.6	ug/kg
Carbon tetrachloride	ND	6.6	ug/kg
Chlorobenzene	ND	6.6	ug/kg
Chloroethane	ND	6.6	ug/kg
Chloroform	ND	6.6	ug/kg
Chloromethane	ND	6.6	ug/kg
Cyclohexane	ND	6.6	ug/kg
Dibromochloromethane	ND	6.6	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.6	ug/kg
1,2-Dibromoethane	ND	6.6	ug/kg
1,3-Dichlorobenzene	ND	6.6	ug/kg
1,4-Dichlorobenzene	ND	6.6	ug/kg
1,2-Dichlorobenzene	ND	6.6	ug/kg
Dichlorodifluoromethane	ND	6.6	ug/kg
1,1-Dichloroethane	ND	6.6	ug/kg
1,2-Dichloroethane	ND	6.6	ug/kg
1,1-Dichloroethene	**1.5 J**	**6.6**	**ug/kg**
cis-1,2-Dichloroethene	ND	6.6	ug/kg
trans-1,2-Dichloroethene	ND	6.6	ug/kg
1,2-Dichloropropane	ND	6.6	ug/kg
cis-1,3-Dichloropropene	ND	6.6	ug/kg
trans-1,3-Dichloropropene	ND	6.6	ug/kg
Ethylbenzene	ND	6.6	ug/kg
2-Hexanone	ND	6.6	ug/kg
Isopropylbenzene	**1.6 J**	**6.6**	**ug/kg**
Methyl acetate	ND	6.6	ug/kg
Methylene chloride	**130**	**6.6**	**ug/kg**
Methylcyclohexane	ND	6.6	ug/kg
4-Methyl-2-pentanone	ND	6.6	ug/kg
Methyl tert-butyl ether	ND	6.6	ug/kg
Styrene	ND	6.6	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-8-102610

GC/MS Volatiles

Lot-Sample #...: C0J270437-006 **Work Order #...:** L85201AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.6	ug/kg
1,2,4-Trichloro-benzene	ND	6.6	ug/kg
Tetrachloroethene	ND	6.6	ug/kg
1,1,1-Trichloroethane	ND	6.6	ug/kg
1,1,2-Trichloroethane	ND	6.6	ug/kg
Trichloroethene	ND	6.6	ug/kg
Trichlorofluoromethane	ND	6.6	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.6	ug/kg
Toluene	ND	6.6	ug/kg
Vinyl chloride	**2.8 J**	**6.6**	**ug/kg**
Xylenes (total)	ND	20	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
Toluene-d8	112	(72 - 127)
4-Bromofluorobenzene	79	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J270437 **Work Order #...:** L87PJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0J280000-136

Prep Date.....: 10/28/10 **Analysis Time..:** 08:27
Analysis Date..: 10/28/10 **Prep Batch #...:** 0301136
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	**1.5 J**	**5.0**	**ug/kg**	**SW846 8260B**

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GC/MS Volatiles

Client Lot #...: C0J270437 **Work Order #...:** L87PJ1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	117	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J270437 **Work Order #...:** L9C9E1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0J310000-052
Prep Date.....: 10/31/10 **Analysis Time..:** 11:02
Analysis Date..: 10/31/10 **Prep Batch #...:** 0304052
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
Methylcyclohexane	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0J270437 **Work Order #...:** L9C9E1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	750	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	83	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J270437 **Work Order #...:** L87PJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0J280000-136 L87PJ1AD-LCSD
Prep Date.....: 10/28/10 **Analysis Date..:** 10/28/10
Prep Batch #...: 0301136 **Analysis Time..:** 09:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(77 - 120)**			**SW846 8260B**
	101	**(77 - 120)**	**4.7**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**97**	**(79 - 120)**			**SW846 8260B**
	103	**(79 - 120)**	**6.4**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**89**	**(59 - 129)**			**SW846 8260B**
	96	**(59 - 129)**	**7.4**	**(0-25)**	**SW846 8260B**
Trichloroethene	**96**	**(76 - 119)**			**SW846 8260B**
	102	**(76 - 119)**	**5.6**	**(0-21)**	**SW846 8260B**
Toluene	**100**	**(78 - 124)**			**SW846 8260B**
	108	**(78 - 124)**	**8.2**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	86	(52 - 124)
	94	(52 - 124)
Toluene-d8	100	(72 - 127)
	114	(72 - 127)
4-Bromofluorobenzene	87	(63 - 120)
	98	(63 - 120)
Dibromofluoromethane	100	(68 - 121)
	107	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0J270437 **Work Order #...:** L9C9E1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0J310000-052 L9C9E1AD-LCSD
Prep Date.....: 10/31/10 **Analysis Date..:** 10/31/10
Prep Batch #...: 0304052 **Analysis Time..:** 11:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**88**	**(77 - 120)**			**SW846 8260B**
	90	**(77 - 120)**	**3.0**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**109**	**(79 - 120)**			**SW846 8260B**
	111	**(79 - 120)**	**2.0**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**90**	**(59 - 129)**			**SW846 8260B**
	94	**(59 - 129)**	**4.8**	**(0-25)**	**SW846 8260B**
Trichloroethene	**92**	**(76 - 119)**			**SW846 8260B**
	96	**(76 - 119)**	**4.3**	**(0-21)**	**SW846 8260B**
Toluene	**105**	**(78 - 124)**			**SW846 8260B**
	108	**(78 - 124)**	**2.8**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	81	(52 - 124)
	86	(52 - 124)
Toluene-d8	103	(72 - 127)
	105	(72 - 127)
4-Bromofluorobenzene	99	(63 - 120)
	102	(63 - 120)
Dibromofluoromethane	88	(68 - 121)
	91	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-3-102610

TOTAL Metals

Lot-Sample #...: C0J270437-001 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 9.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0300391						
Lead	**18.6 J**	**0.31**	**mg/kg**	**SW846 6010B**	**10/27-10/28/10**	**L852M1AD**
		Dilution Factor: 0.95		Analysis Time..: 10:42	MS Run #.....: 0300236	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-4-102610

TOTAL Metals

Lot-Sample #...: C0J270437-002 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0300391						
Lead	**19.0 J**	**0.26**	**mg/kg**	**SW846 6010B**	**10/27-10/28/10**	**L852T1AD**
		Dilution Factor: 0.71		Analysis Time..: 11:01	MS Run #.....: 0300236	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-5-102610

TOTAL Metals

Lot-Sample #...: C0J270437-003 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0300391						
Lead	**629 J**	**0.26**	**mg/kg**	**SW846 6010B**	**10/27-10/28/10**	**L852V1AD**
		Dilution Factor: 0.69		Analysis Time..: 11:05	MS Run #.....: 0300236	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-6-102610

TOTAL Metals

Lot-Sample #...: C0J270437-004 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0300391						
Lead	**14.7 J**	**0.32**	**mg/kg**	**SW846 6010B**	**10/27-10/28/10**	**L852W1AD**
		Dilution Factor: 0.89		Analysis Time..: 11:10	MS Run #.....: 0300236	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-7-102610

TOTAL Metals

Lot-Sample #...: C0J270437-005 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0300391						
Lead	**222 J**	**0.25**	**mg/kg**	**SW846 6010B**	**10/27-10/28/10**	**L852X1AD**
		Dilution Factor: 0.71		Analysis Time..: 11:25	MS Run #.....: 0300236	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-8-102610

TOTAL Metals

Lot-Sample #...: C0J270437-006 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0300391						
Lead	**261 J**	**0.28**	**mg/kg**	**SW846 6010B**	**10/27-10/28/10**	**L85201AD**
		Dilution Factor: 0.77		Analysis Time..: 10:37	MS Run #.....: 0300236	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0J270437 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0J270000-391 **Prep Batch #...:** 0300391						
Lead	**0.14 B**	**0.19**	**mg/kg**	**SW846 6010B**	**10/27-10/28/10**	**L864H1AA**
		Dilution Factor: 0.64				
		Analysis Time..: 10:27				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0J270437 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0J270000-391 **Prep Batch #...:** 0300391					
Lead	97	(80 - 120)	SW846 6010B	10/27-10/28/10	L864H1AC
		Dilution Factor: 0.88	Analysis Time..: 10:32		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0J270437 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0J270437-001 **Prep Batch #...:** 0300391							
						% Moisture.....: 9.5	
Lead	101	(75 - 125)			SW846 6010B	10/27-10/28/10	L852M1AE
	95 *	(75 - 125)	24	(0-20)	SW846 6010B	10/27-10/28/10	L852M1AF

Dilution Factor: 0.89
Analysis Time..: 10:51
MS Run #.....: 0300236

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-3-102610

General Chemistry

Lot-Sample #...: C0J270437-001 **Work Order #...:** L852M **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 9.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.5**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**

Dilution Factor: 1 Analysis Time..: 08:17 MS Run #.....: 0300178

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-4-102610

General Chemistry

Lot-Sample #...: C0J270437-002 **Work Order #...:** L852T **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.9**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**

Dilution Factor: 1 Analysis Time..: 08:17 MS Run #.....: 0300178

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-5-102610

General Chemistry

Lot-Sample #...: C0J270437-003 **Work Order #...:** L852V **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.1**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**

Dilution Factor: 1 Analysis Time..: 08:17 MS Run #.....: 0300178

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-6-102610

General Chemistry

Lot-Sample #...: C0J270437-004 **Work Order #...:** L852W **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.6**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**

Dilution Factor: 1 Analysis Time..: 08:17 MS Run #.....: 0300178

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-7-102610

General Chemistry

Lot-Sample #...: C0J270437-005 **Work Order #...:** L852X **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.6**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**

Dilution Factor: 1 Analysis Time..: 08:17 MS Run #.....: 0300178

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-8-102610

General Chemistry

Lot-Sample #...: C0J270437-006 **Work Order #...:** L8520 **Matrix.....:** SOLID
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.8**	**1.0**	**%**	**SM20 2540G**	**10/27-10/28/10**	**0300301**

Dilution Factor: 1 Analysis Time..: 08:17 MS Run #.....: 0300178

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0J270437 **Work Order #...:** L85V3-SMP **Matrix.....:** SOLID
L85V3-DUP
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10
% Moisture.....: 39

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0J270409-001		
	60.9	61.9	%	1.7	(0-20)	SM20 2540G	10/27-10/28/10	0300301

Dilution Factor: 1 Analysis Time..: 08:17 MS Run Number..: 0300178

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0K030430

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

November 5, 2010



NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K030430

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 3, 2010. The cooler was received within the proper temperature range.

A trip blank was received but not listed on the chain of custody. It was logged in for analysis.

The list of requested analytical parameters on the chain of custody did not correspond with the samples received. The client was notified and informed the laboratory that the COC was incorrect. Login was based on the samples that were received and not by the information provided on the COC.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibrations had compounds >25%D but they were within expected performance range for the compounds. All results were reported.

Due to the concentration of target compounds detected and matrix interference, sample CS-11-110210 was analyzed at a dilution.

The method blank from batch 0308070 had 1,2,4-trichlorobenzene had detected at a concentration between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "B" qualifier.

Metals:
There were no problems associated with the analysis.

General Chemistry:
There were no problems associated with the analysis.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location:
Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other

TestAmerica Laboratories, Inc.

COC No: 000431
1 of ___ COCs

Client Contact
Company Name: MACTEC Inc
Address: 800 N. Bell Ave suite 200
City/State/Zip: Pittsburgh Pa 15106
Phone: 412-279-6661
Project Name: HW Schmigel
Project Number:
PO#:

Client Project Manager: Rob Crowley
Telephone: 412-279-6661
Email: re.crowley@mactec.com
Method of Shipment/Carrier: Fed Ex
Shipping/Tracking No:

Site Contact: Chris Hartert
Telephone: 412-279-6661

Lab Contact: Laurie Gamber
Telephone: 412-963-2456

TAT if different from below
☐ 3 weeks
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Analyses

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other (specify)	TCLP & TAL	Lead	VOC Moisture	Sample Specific Notes / Special Instructions:
D-42-110210	11/2/10	1500			X		X						X		NC	1	1	5 day TAT
D-43-110210		1505					X						X		NC	1	1	5 day TAT
D-44-110210		1510					X						X		NC	1	1	5 day TAT
CS-11-110210		1520			X								X	X	NG	1	4	24 hr. TAT
CS-12-110210		1605			X								X	X	NG	1	4	
CS-13-110210		1610			X								X	X	NG	1	4	
CS-14-110210		1620			X								X	X	NG	1	4	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For ___ Months

Special Instructions/QC Requirements & Comments:

	Company	Date/Time
Relinquished by:	MACTEC	11/2/10 1830
Relinquished by:		
Relinquished by:		
Received by:		
Received by:		
Received in Laboratory by:		

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METHODS SUMMARY

C0K030430

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K030430

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L9GJG	001	CS-11-110210	11/02/10	15:20
L9GJK	002	CS-12-110210	11/02/10	16:05
L9GJL	003	CS-13-110210	11/02/10	16:10
L9GJN	004	CS-14-110210	11/02/10	16:20
L9GJP	005	TRIP BLANK	11/02/10	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-11-110210

GC/MS Volatiles

Lot-Sample #...: C0K030430-001 **Work Order #...:** L9GJG1AC **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0309066
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0309124 **Analysis Time..:** 19:00
Dilution Factor: 241.78
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**1500000**	**280000**	**ug/kg**
Benzene	ND	71000	ug/kg
Bromodichloromethane	ND	71000	ug/kg
Bromoform	ND	71000	ug/kg
Bromomethane	ND	71000	ug/kg
2-Butanone	**87000**	**71000**	**ug/kg**
Carbon disulfide	ND	71000	ug/kg
Carbon tetrachloride	ND	71000	ug/kg
Chlorobenzene	ND	71000	ug/kg
Chloroethane	ND	71000	ug/kg
Chloroform	ND	71000	ug/kg
Chloromethane	ND	71000	ug/kg
Cyclohexane	ND	71000	ug/kg
Dibromochloromethane	ND	71000	ug/kg
1,2-Dibromo-3-chloro-propane	ND	71000	ug/kg
1,2-Dibromoethane	ND	71000	ug/kg
1,3-Dichlorobenzene	ND	71000	ug/kg
1,4-Dichlorobenzene	ND	71000	ug/kg
1,2-Dichlorobenzene	ND	71000	ug/kg
Dichlorodifluoromethane	ND	71000	ug/kg
1,1-Dichloroethane	ND	71000	ug/kg
1,2-Dichloroethane	ND	71000	ug/kg
1,1-Dichloroethene	ND	71000	ug/kg
cis-1,2-Dichloroethene	ND	71000	ug/kg
trans-1,2-Dichloroethene	ND	71000	ug/kg
1,2-Dichloropropane	ND	71000	ug/kg
cis-1,3-Dichloropropene	ND	71000	ug/kg
trans-1,3-Dichloropropene	ND	71000	ug/kg
Ethylbenzene	ND	71000	ug/kg
2-Hexanone	ND	71000	ug/kg
Isopropylbenzene	ND	71000	ug/kg
Methyl acetate	ND	71000	ug/kg
Methylene chloride	ND	71000	ug/kg
Methylcyclohexane	ND	71000	ug/kg
4-Methyl-2-pentanone	ND	71000	ug/kg
Methyl tert-butyl ether	ND	71000	ug/kg
Styrene	ND	71000	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-11-110210

GC/MS Volatiles

Lot-Sample #...: C0K030430-001 **Work Order #...:** L9GJG1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	71000	ug/kg
1,2,4-Trichloro-benzene	ND	71000	ug/kg
Tetrachloroethene	ND	71000	ug/kg
1,1,1-Trichloroethane	ND	71000	ug/kg
1,1,2-Trichloroethane	ND	71000	ug/kg
Trichloroethene	ND	71000	ug/kg
Trichlorofluoromethane	ND	71000	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	71000	ug/kg
Toluene	**63000 J**	**71000**	**ug/kg**
Vinyl chloride	ND	71000	ug/kg
Xylenes (total)	ND	210000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
Toluene-d8	103	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	102	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-13-110210

GC/MS Volatiles

Lot-Sample #...: C0K030430-003 **Work Order #...:** L9GJL1AC **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0308042
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308070 **Analysis Time..:** 10:39
Dilution Factor: 1.12
% Moisture.....: 19 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	28	ug/kg
Benzene	ND	6.9	ug/kg
Bromodichloromethane	ND	6.9	ug/kg
Bromoform	ND	6.9	ug/kg
Bromomethane	ND	6.9	ug/kg
2-Butanone	ND	6.9	ug/kg
Carbon disulfide	ND	6.9	ug/kg
Carbon tetrachloride	ND	6.9	ug/kg
Chlorobenzene	ND	6.9	ug/kg
Chloroethane	ND	6.9	ug/kg
Chloroform	ND	6.9	ug/kg
Chloromethane	ND	6.9	ug/kg
Cyclohexane	ND	6.9	ug/kg
Dibromochloromethane	ND	6.9	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.9	ug/kg
1,2-Dibromoethane	ND	6.9	ug/kg
1,3-Dichlorobenzene	ND	6.9	ug/kg
1,4-Dichlorobenzene	ND	6.9	ug/kg
1,2-Dichlorobenzene	ND	6.9	ug/kg
Dichlorodifluoromethane	ND	6.9	ug/kg
1,1-Dichloroethane	ND	6.9	ug/kg
1,2-Dichloroethane	ND	6.9	ug/kg
1,1-Dichloroethene	ND	6.9	ug/kg
cis-1,2-Dichloroethene	ND	6.9	ug/kg
trans-1,2-Dichloroethene	ND	6.9	ug/kg
1,2-Dichloropropane	ND	6.9	ug/kg
cis-1,3-Dichloropropene	ND	6.9	ug/kg
trans-1,3-Dichloropropene	ND	6.9	ug/kg
Ethylbenzene	ND	6.9	ug/kg
2-Hexanone	ND	6.9	ug/kg
Isopropylbenzene	ND	6.9	ug/kg
Methyl acetate	ND	6.9	ug/kg
Methylene chloride	ND	6.9	ug/kg
Methylcyclohexane	ND	6.9	ug/kg
4-Methyl-2-pentanone	ND	6.9	ug/kg
Methyl tert-butyl ether	ND	6.9	ug/kg
Styrene	ND	6.9	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-13-110210

GC/MS Volatiles

Lot-Sample #...: C0K030430-003 **Work Order #...:** L9GJL1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.9	ug/kg
1,2,4-Trichloro-benzene	ND	6.9	ug/kg
Tetrachloroethene	ND	6.9	ug/kg
1,1,1-Trichloroethane	ND	6.9	ug/kg
1,1,2-Trichloroethane	ND	6.9	ug/kg
Trichloroethene	ND	6.9	ug/kg
Trichlorofluoromethane	ND	6.9	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.9	ug/kg
Toluene	**24**	**6.9**	**ug/kg**
Vinyl chloride	ND	6.9	ug/kg
Xylenes (total)	ND	21	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	84	(52 - 124)
Toluene-d8	114	(72 - 127)
4-Bromofluorobenzene	85	(63 - 120)
Dibromofluoromethane	88	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-14-110210

GC/MS Volatiles

Lot-Sample #...: C0K030430-004 **Work Order #...:** L9GJN1AC **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0308042
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308070 **Analysis Time..:** 11:02
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	24	ug/kg
Benzene	ND	6.0	ug/kg
Bromodichloromethane	ND	6.0	ug/kg
Bromoform	ND	6.0	ug/kg
Bromomethane	ND	6.0	ug/kg
2-Butanone	ND	6.0	ug/kg
Carbon disulfide	ND	6.0	ug/kg
Carbon tetrachloride	ND	6.0	ug/kg
Chlorobenzene	ND	6.0	ug/kg
Chloroethane	ND	6.0	ug/kg
Chloroform	ND	6.0	ug/kg
Chloromethane	ND	6.0	ug/kg
Cyclohexane	ND	6.0	ug/kg
Dibromochloromethane	ND	6.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg
1,2-Dibromoethane	ND	6.0	ug/kg
1,3-Dichlorobenzene	ND	6.0	ug/kg
1,4-Dichlorobenzene	ND	6.0	ug/kg
1,2-Dichlorobenzene	ND	6.0	ug/kg
Dichlorodifluoromethane	ND	6.0	ug/kg
1,1-Dichloroethane	ND	6.0	ug/kg
1,2-Dichloroethane	ND	6.0	ug/kg
1,1-Dichloroethene	ND	6.0	ug/kg
cis-1,2-Dichloroethene	ND	6.0	ug/kg
trans-1,2-Dichloroethene	ND	6.0	ug/kg
1,2-Dichloropropane	ND	6.0	ug/kg
cis-1,3-Dichloropropene	ND	6.0	ug/kg
trans-1,3-Dichloropropene	ND	6.0	ug/kg
Ethylbenzene	ND	6.0	ug/kg
2-Hexanone	ND	6.0	ug/kg
Isopropylbenzene	ND	6.0	ug/kg
Methyl acetate	ND	6.0	ug/kg
Methylene chloride	ND	6.0	ug/kg
Methylcyclohexane	ND	6.0	ug/kg
4-Methyl-2-pentanone	ND	6.0	ug/kg
Methyl tert-butyl ether	ND	6.0	ug/kg
Styrene	ND	6.0	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-14-110210

GC/MS Volatiles

Lot-Sample #...: C0K030430-004 **Work Order #...:** L9GJN1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg
1,2,4-Trichloro-benzene	ND	6.0	ug/kg
Tetrachloroethene	ND	6.0	ug/kg
1,1,1-Trichloroethane	ND	6.0	ug/kg
1,1,2-Trichloroethane	ND	6.0	ug/kg
Trichloroethene	ND	6.0	ug/kg
Trichlorofluoromethane	ND	6.0	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg
Toluene	**22**	**6.0**	**ug/kg**
Vinyl chloride	ND	6.0	ug/kg
Xylenes (total)	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(52 - 124)
Toluene-d8	123	(72 - 127)
4-Bromofluorobenzene	84	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K030430-005 **Work Order #...:** L9GJP1AA **Matrix.....:** WATER
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0307217
Prep Date.....: 11/03/10 **Analysis Date..:** 11/03/10
Prep Batch #...: 0308056 **Analysis Time..:** 23:18
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/L
Benzene	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	5.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	5.0	ug/L
Carbon tetrachloride	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
Chloroethane	ND	5.0	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.0	ug/L
Cyclohexane	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L
1,2-Dibromoethane	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
Dichlorodifluoromethane	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
trans-1,3-Dichloropropene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	5.0	ug/L
Methyl acetate	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
Methylcyclohexane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	5.0	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K030430-005 **Work Order #...:** L9GJP1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
1,2,4-Trichloro-benzene	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
Vinyl chloride	ND	5.0	ug/L
Xylenes (total)	ND	15	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(62 - 123)
Toluene-d8	88	(80 - 120)
4-Bromofluorobenzene	105	(75 - 120)
Dibromofluoromethane	108	(80 - 120)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9HXD1AA **Matrix.....:** WATER
MB Lot-Sample #: C0K040000-056
Prep Date.....: 11/03/10 **Analysis Time..:** 13:38
Analysis Date..: 11/03/10 **Prep Batch #...:** 0308056
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	5.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	5.0	ug/L	SW846 8260B
Cyclohexane	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9HXD1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	SW846 8260B
Toluene	ND	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	5.0	ug/L	SW846 8260B
Xylenes (total)	ND	15	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(62 - 123)
Toluene-d8	95	(80 - 120)
4-Bromofluorobenzene	100	(75 - 120)
Dibromofluoromethane	85	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9H0E1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K040000-070

Prep Date.....: 11/04/10 **Analysis Time..:** 07:03
Analysis Date..: 11/04/10 **Prep Batch #...:** 0308070
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	**1.4 J**	**5.0**	**ug/kg**	**SW846 8260B**

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9H0E1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	94	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9K3X1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K050000-124

Prep Date.....: 11/04/10 **Analysis Time..:** 16:56
Analysis Date..: 11/04/10 **Prep Batch #...:** 0309124
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
Methylcyclohexane	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9K3X1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	750	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(52 - 124)
Toluene-d8	99	(72 - 127)
4-Bromofluorobenzene	95	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9HXD1AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K040000-056
Prep Date.....: 11/03/10 **Analysis Date..:** 11/03/10
Prep Batch #...: 0308056 **Analysis Time..:** 15:23
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**92**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**89**	**(83 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(69 - 127)**	**SW846 8260B**
Trichloroethene	**85**	**(80 - 120)**	**SW846 8260B**
Toluene	**81**	**(80 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(62 - 123)
Toluene-d8	87	(80 - 120)
4-Bromofluorobenzene	101	(75 - 120)
Dibromofluoromethane	101	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9HXD1AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K040000-056
Prep Date.....: 11/03/10 **Analysis Date..:** 11/03/10
Prep Batch #...: 0308056 **Analysis Time..:** 15:23
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**36.7**	**ug/L**	**92**	**SW846 8260B**
Chlorobenzene	**40.0**	**35.8**	**ug/L**	**89**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**37.4**	**ug/L**	**94**	**SW846 8260B**
Trichloroethene	**40.0**	**34.2**	**ug/L**	**85**	**SW846 8260B**
Toluene	**40.0**	**32.4**	**ug/L**	**81**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(62 - 123)
Toluene-d8	87	(80 - 120)
4-Bromofluorobenzene	101	(75 - 120)
Dibromofluoromethane	101	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9H0E1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K040000-070
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308070 **Analysis Time..:** 09:07
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**94**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**97**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**82**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**88**	**(76 - 119)**	**SW846 8260B**
Toluene	**101**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	115	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9H0E1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K040000-070
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308070 **Analysis Time..:** 09:07
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**37.7**	**ug/kg**	**94**	**SW846 8260B**
Chlorobenzene	**40.0**	**38.9**	**ug/kg**	**97**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**32.7**	**ug/kg**	**82**	**SW846 8260B**
Trichloroethene	**40.0**	**35.3**	**ug/kg**	**88**	**SW846 8260B**
Toluene	**40.0**	**40.4**	**ug/kg**	**101**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	115	(72 - 127)
4-Bromofluorobenzene	98	(63 - 120)
Dibromofluoromethane	99	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9K3X1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-124
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0309124 **Analysis Time..:** 19:47
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**100**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**104**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**92**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**100**	**(76 - 119)**	**SW846 8260B**
Toluene	**104**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9K3X1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-124
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0309124 **Analysis Time..:** 19:47
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**2000**	**1990**	**ug/kg**	**100**	**SW846 8260B**
Chlorobenzene	**2000**	**2080**	**ug/kg**	**104**	**SW846 8260B**
1,1-Dichloroethene	**2000**	**1830**	**ug/kg**	**92**	**SW846 8260B**
Trichloroethene	**2000**	**2000**	**ug/kg**	**100**	**SW846 8260B**
Toluene	**2000**	**2090**	**ug/kg**	**104**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9CGL1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J290578-003 L9CGL1AG-MSD
Date Sampled...: 10/27/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308042
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308070 **Analysis Time..:** 09:31
Dilution Factor: 1 **% Moisture.....:** 24

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**98**	**(77 - 120)**			**SW846 8260B**
	95	**(77 - 120)**	**3.4**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**101**	**(79 - 120)**			**SW846 8260B**
	100	**(79 - 120)**	**1.1**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**105**	**(59 - 129)**			**SW846 8260B**
	99	**(59 - 129)**	**6.2**	**(0-25)**	**SW846 8260B**
Trichloroethene	**89**	**(76 - 119)**			**SW846 8260B**
	89	**(76 - 119)**	**0.39**	**(0-21)**	**SW846 8260B**
Toluene	**94**	**(78 - 124)**			**SW846 8260B**
	94	**(78 - 124)**	**0.29**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
	99	(52 - 124)
Toluene-d8	102	(72 - 127)
	102	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
	100	(63 - 120)
Dibromofluoromethane	102	(68 - 121)
	100	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9CGL1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J290578-003 L9CGL1AG-MSD
Date Sampled...: 10/27/10 **Date Received..:** 10/29/10 **MS Run #.....:** 0308042
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0308070 **Analysis Time..:** 09:31
Dilution Factor: 1 **% Moisture.....:** 24

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**52.7**	**51.8**	**ug/kg**	**98**		**SW846 8260B**
	ND	**52.7**	**50.1**	**ug/kg**	**95**	**3.4**	**SW846 8260B**
Chlorobenzene	**ND**	**52.7**	**53.1**	**ug/kg**	**101**		**SW846 8260B**
	ND	**52.7**	**52.5**	**ug/kg**	**100**	**1.1**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**52.7**	**55.5**	**ug/kg**	**105**		**SW846 8260B**
	ND	**52.7**	**52.1**	**ug/kg**	**99**	**6.2**	**SW846 8260B**
Trichloroethene	**ND**	**52.7**	**46.8**	**ug/kg**	**89**		**SW846 8260B**
	ND	**52.7**	**47.0**	**ug/kg**	**89**	**0.39**	**SW846 8260B**
Toluene	**ND**	**52.7**	**49.6**	**ug/kg**	**94**		**SW846 8260B**
	ND	**52.7**	**49.4**	**ug/kg**	**94**	**0.29**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
	99	(52 - 124)
Toluene-d8	102	(72 - 127)
	102	(72 - 127)
4-Bromofluorobenzene	105	(63 - 120)
	100	(63 - 120)
Dibromofluoromethane	102	(68 - 121)
	100	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9C0V1AQ-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J300435-001 L9C0V1AR-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/30/10 **MS Run #.....:** 0309066
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0309124 **Analysis Time..:** 20:10
Dilution Factor: 10 **% Moisture.....:** 19

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**153 a**	**(77 - 120)**			**SW846 8260B**
	152 a	**(77 - 120)**	**0.86**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**104**	**(79 - 120)**			**SW846 8260B**
	105	**(79 - 120)**	**1.1**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(59 - 129)**			**SW846 8260B**
	95	**(59 - 129)**	**0.21**	**(0-25)**	**SW846 8260B**
Trichloroethene	**101**	**(76 - 119)**			**SW846 8260B**
	100	**(76 - 119)**	**1.1**	**(0-21)**	**SW846 8260B**
Toluene	**263 a**	**(78 - 124)**			**SW846 8260B**
	293 a	**(78 - 124)**	**10**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
	99	(52 - 124)
Toluene-d8	101	(72 - 127)
	103	(72 - 127)
4-Bromofluorobenzene	106	(63 - 120)
	106	(63 - 120)
Dibromofluoromethane	103	(68 - 121)
	102	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K030430 **Work Order #...:** L9C0V1AQ-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0J300435-001 L9C0V1AR-MSD
Date Sampled...: 10/28/10 **Date Received..:** 10/30/10 **MS Run #.....:** 0309066
Prep Date.....: 11/04/10 **Analysis Date..:** 11/04/10
Prep Batch #...: 0309124 **Analysis Time..:** 20:10
Dilution Factor: 10 **% Moisture.....:** 19

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**1100**	**24800**	**39000**	**ug/kg**	**153 a**		**SW846 8260B**
	1100	**24800**	**38700**	**ug/kg**	**152 a**	**0.86**	**SW846 8260B**
Chlorobenzene	**ND**	**24800**	**25700**	**ug/kg**	**104**		**SW846 8260B**
	ND	**24800**	**26000**	**ug/kg**	**105**	**1.1**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**24800**	**23400**	**ug/kg**	**94**		**SW846 8260B**
	ND	**24800**	**23500**	**ug/kg**	**95**	**0.21**	**SW846 8260B**
Trichloroethene	**ND**	**24800**	**25000**	**ug/kg**	**101**		**SW846 8260B**
	ND	**24800**	**24700**	**ug/kg**	**100**	**1.1**	**SW846 8260B**
Toluene	**1500**	**24800**	**66800**	**ug/kg**	**263 a**		**SW846 8260B**
	1500	**24800**	**74100**	**ug/kg**	**293 a**	**10**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
	99	(52 - 124)
Toluene-d8	101	(72 - 127)
	103	(72 - 127)
4-Bromofluorobenzene	106	(63 - 120)
	106	(63 - 120)
Dibromofluoromethane	103	(68 - 121)
	102	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-11-110210

TOTAL Metals

Lot-Sample #...: C0K030430-001 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0307415						
Lead	**28.6**	**0.35**	**mg/kg**	**SW846 6010B**	**11/03-11/04/10**	**L9GJG1AD**
		Dilution Factor: 0.98		Analysis Time..: 09:56	MS Run #.....: 0307227	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-12-110210

TOTAL Metals

Lot-Sample #...: C0K030430-002 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 9.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0307415						
Lead	**427**	**0.33**	**mg/kg**	**SW846 6010B**	**11/03-11/04/10**	**L9GJK1AC**
		Dilution Factor: 1		Analysis Time..: 10:02	MS Run #.....: 0307227	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-14-110210

TOTAL Metals

Lot-Sample #...: C0K030430-004 **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0307415						
Lead	**281**	**0.31**	**mg/kg**	**SW846 6010B**	**11/03-11/04/10**	**L9GJN1AD**
		Dilution Factor: 0.88		Analysis Time..: 10:07	MS Run #.....: 0307227	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K030430 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K030000-415 **Prep Batch #...:** 0307415						
Lead	ND	0.23	mg/kg	SW846 6010B	11/03-11/04/10	L9HPX1CD
		Dilution Factor: 0.77				
		Analysis Time..: 09:17				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K030430 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K030000-415 **Prep Batch #...:** 0307415					
Lead	86	(80 - 120)	SW846 6010B	11/03-11/04/10	L9HPX1CE
		Dilution Factor: 0.94	Analysis Time..: 09:22		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K030430 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K030000-415 **Prep Batch #...:** 0307415							
Lead	47.0	40.3	mg/kg	86	SW846 6010B	11/03-11/04/10	L9HPX1CE

Dilution Factor: 0.94 Analysis Time..: 09:22

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K030430 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K020545-001 **Prep Batch #...:** 0307415							
						% Moisture.....: 31	
Lead	84	(75 - 125)			SW846 6010B	11/03-11/04/10	L9F3H1C1
	83	(75 - 125)	1.3	(0-20)	SW846 6010B	11/03-11/04/10	L9F3H1C2

Dilution Factor: 0.9
Analysis Time..: 09:45
MS Run #.....: 0307227

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K030430 **Matrix.....:** SOLID
Date Sampled...: 11/01/10 **Date Received..:** 11/02/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K020545-001 **Prep Batch #...:** 0307415									
								% Moisture.....: 31	
Lead									
	1.3	65.4	55.9	mg/kg	84		SW846 6010B	11/03-11/04/10	L9F3H1C1
	1.3	66.9	56.6	mg/kg	83	1.3	SW846 6010B	11/03-11/04/10	L9F3H1C2

Dilution Factor: 0.9
Analysis Time..: 09:45
MS Run #.....: 0307227

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-11-110210

General Chemistry

Lot-Sample #...: C0K030430-001 **Work Order #...:** L9GJG **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.0**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307300**

Dilution Factor: 1 Analysis Time..: 08:19 MS Run #.....: 0307152

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-12-110210

General Chemistry

Lot-Sample #...: C0K030430-002 **Work Order #...:** L9GJK **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 9.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.3**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307300**

Dilution Factor: 1 Analysis Time..: 08:19 MS Run #.....: 0307152

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-13-110210

General Chemistry

Lot-Sample #...: C0K030430-003 **Work Order #...:** L9GJL **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.6**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307300**

Dilution Factor: 1 Analysis Time..: 08:19 MS Run #.....: 0307152

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-14-110210

General Chemistry

Lot-Sample #...: C0K030430-004 **Work Order #...:** L9GJN **Matrix.....:** SOLID
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.9**		**%**	**SM20 2540G**	**11/03-11/04/10**	**0307300**

Dilution Factor: 1 Analysis Time..: 08:19 MS Run #.....: 0307152

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K030430 **Work Order #...:** L9GJG-SMP **Matrix.....:** SOLID
L9GJG-DUP
Date Sampled...: 11/02/10 **Date Received..:** 11/03/10
% Moisture.....: 15

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K030430-001		
	85.0	83.5	%	1.8	(0-20)	SM20 2540G	11/03-11/04/10	0307300

Dilution Factor: 1 Analysis Time..: 08:19 MS Run Number..: 0307152

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

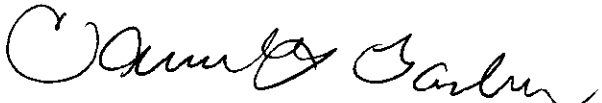
Mactec Honeywell Schmigel

Lot #: C0K040440

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

November 8, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K040440

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 4, 2010. The cooler was received within the proper temperature range.

A trip blank was received but not listed on the chain of custody. It was logged in for analysis.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibrations had compounds >25%D but they were within expected performance range for the compounds. All results were reported.

Due to the concentration of target compounds detected, samples CS-15R-110310 and CS-16-110310 were analyzed at a dilution.

Metals:
The method blank had lead detected at a concentration between the MDL and the reporting limit. The result was flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

The matrix spikes recovered outside control limits for lead.

General Chemistry:
There were no problems associated with the analysis.

C0K040440

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC	Rob Crowley	Chris Hortert	Carrie Gamber	1 000432
Address: 400 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-596-6975	Telephone: 412-963-2408	of COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com		Analyses	
Phone: 412-279-6661		TAT if different from below: ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: HW Hoosick Falls	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Preservation: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other	Field Filtered	VOC	Lead 7421	2nd Lead 7421								Sample Specific Notes/ Special Instructions:
CS-15-110310	11/3/10	0945				X							X	X	N	G	4	1								24hr TAT
CS-15r-110310		0945				X							X	X	N	G	4	1								
CS-16-110310		1145				X							X	X	N	G	4	D								
D-45-110310		0840					X						X		N	C		1	1							5 day TAT
D-46-110310		0645					X						X		N	C		1	1							
D-47-110310		0855					X						X		N	C		1	1							
D-46-110310		0905					X						X		N	C		1	1							
D-49-110310		1150					X						X		N	C		1	1							
~~CS-~~																										

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	11/3/10 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			Patricia A Daust	TA-PIT	11/4/10 0900

TAL 0018-1 (04/10)

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METHODS SUMMARY

C0K040440

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K040440

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L9JA6	001	CS-15-110310	11/03/10	09:45
L9JA9	002	CS-15R-110310	11/03/10	09:45
L9JCA	003	CS-16-110310	11/03/10	11:45
L9JCC	004	TRIP BLANK	11/03/10	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-15-110310

GC/MS Volatiles

Lot-Sample #...: C0K040440-001 **Work Order #...:** L9JA61AD **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0309038
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309054 **Analysis Time..:** 06:39
Dilution Factor: 1
% Moisture.....: 35 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**110**	**31**	**ug/kg**
Benzene	ND	7.7	ug/kg
Bromodichloromethane	ND	7.7	ug/kg
Bromoform	ND	7.7	ug/kg
Bromomethane	ND	7.7	ug/kg
2-Butanone	ND	7.7	ug/kg
Carbon disulfide	ND	7.7	ug/kg
Carbon tetrachloride	ND	7.7	ug/kg
Chlorobenzene	ND	7.7	ug/kg
Chloroethane	ND	7.7	ug/kg
Chloroform	ND	7.7	ug/kg
Chloromethane	ND	7.7	ug/kg
Cyclohexane	ND	7.7	ug/kg
Dibromochloromethane	ND	7.7	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.7	ug/kg
1,2-Dibromoethane	ND	7.7	ug/kg
1,3-Dichlorobenzene	ND	7.7	ug/kg
1,4-Dichlorobenzene	ND	7.7	ug/kg
1,2-Dichlorobenzene	ND	7.7	ug/kg
Dichlorodifluoromethane	ND	7.7	ug/kg
1,1-Dichloroethane	ND	7.7	ug/kg
1,2-Dichloroethane	ND	7.7	ug/kg
1,1-Dichloroethene	ND	7.7	ug/kg
cis-1,2-Dichloroethene	ND	7.7	ug/kg
trans-1,2-Dichloroethene	ND	7.7	ug/kg
1,2-Dichloropropane	ND	7.7	ug/kg
cis-1,3-Dichloropropene	ND	7.7	ug/kg
trans-1,3-Dichloropropene	ND	7.7	ug/kg
Ethylbenzene	**2.9 J**	**7.7**	**ug/kg**
2-Hexanone	ND	7.7	ug/kg
Isopropylbenzene	ND	7.7	ug/kg
Methyl acetate	ND	7.7	ug/kg
Methylene chloride	ND	7.7	ug/kg
Methylcyclohexane	ND	7.7	ug/kg
4-Methyl-2-pentanone	ND	7.7	ug/kg
Methyl tert-butyl ether	ND	7.7	ug/kg
Styrene	ND	7.7	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-15-110310

GC/MS Volatiles

Lot-Sample #...: C0K040440-001 **Work Order #...:** L9JA61AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	7.7	ug/kg
1,2,4-Trichloro-benzene	ND	7.7	ug/kg
Tetrachloroethene	ND	7.7	ug/kg
1,1,1-Trichloroethane	ND	7.7	ug/kg
1,1,2-Trichloroethane	ND	7.7	ug/kg
Trichloroethene	ND	7.7	ug/kg
Trichlorofluoromethane	ND	7.7	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.7	ug/kg
Toluene	**24**	**7.7**	**ug/kg**
Vinyl chloride	ND	7.7	ug/kg
Xylenes (total)	**9.4 J**	**23**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	81	(52 - 124)
Toluene-d8	124	(72 - 127)
4-Bromofluorobenzene	77	(63 - 120)
Dibromofluoromethane	85	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-15R-110310

GC/MS Volatiles

Lot-Sample #...: C0K040440-002 **Work Order #...:** L9JA91AD **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309267 **Analysis Time..:** 13:00
Dilution Factor: 1.42
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**1500 J**	**1700**	**ug/kg**
Benzene	ND	430	ug/kg
Bromodichloromethane	ND	430	ug/kg
Bromoform	ND	430	ug/kg
Bromomethane	ND	430	ug/kg
2-Butanone	ND	430	ug/kg
Carbon disulfide	ND	430	ug/kg
Carbon tetrachloride	ND	430	ug/kg
Chlorobenzene	ND	430	ug/kg
Chloroethane	ND	430	ug/kg
Chloroform	ND	430	ug/kg
Chloromethane	ND	430	ug/kg
Cyclohexane	ND	430	ug/kg
Dibromochloromethane	ND	430	ug/kg
1,2-Dibromo-3-chloro-propane	ND	430	ug/kg
1,2-Dibromoethane	ND	430	ug/kg
1,3-Dichlorobenzene	ND	430	ug/kg
1,4-Dichlorobenzene	ND	430	ug/kg
1,2-Dichlorobenzene	ND	430	ug/kg
Dichlorodifluoromethane	ND	430	ug/kg
1,1-Dichloroethane	ND	430	ug/kg
1,2-Dichloroethane	ND	430	ug/kg
1,1-Dichloroethene	ND	430	ug/kg
cis-1,2-Dichloroethene	ND	430	ug/kg
trans-1,2-Dichloroethene	ND	430	ug/kg
1,2-Dichloropropane	ND	430	ug/kg
cis-1,3-Dichloropropene	ND	430	ug/kg
trans-1,3-Dichloropropene	ND	430	ug/kg
Ethylbenzene	**150 J**	**430**	**ug/kg**
2-Hexanone	ND	430	ug/kg
Isopropylbenzene	ND	430	ug/kg
Methyl acetate	**1100**	**430**	**ug/kg**
Methylene chloride	**260 J**	**430**	**ug/kg**
Methylcyclohexane	ND	430	ug/kg
4-Methyl-2-pentanone	ND	430	ug/kg
Methyl tert-butyl ether	ND	430	ug/kg
Styrene	**78 J**	**430**	**ug/kg**

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-15R-110310

GC/MS Volatiles

Lot-Sample #...: C0K040440-002 **Work Order #...:** L9JA91AD **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	430	ug/kg
1,2,4-Trichloro-benzene	ND	430	ug/kg
Tetrachloroethene	ND	430	ug/kg
1,1,1-Trichloroethane	ND	430	ug/kg
1,1,2-Trichloroethane	ND	430	ug/kg
Trichloroethene	ND	430	ug/kg
Trichlorofluoromethane	ND	430	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	430	ug/kg
Toluene	**990**	**430**	**ug/kg**
Vinyl chloride	ND	430	ug/kg
Xylenes (total)	**630 J**	**1300**	**ug/kg**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-16-110310

GC/MS Volatiles

Lot-Sample #...: C0K040440-003 **Work Order #...:** L9JCA1AC **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:**
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309267 **Analysis Time..:** 12:33
Dilution Factor: 0.74
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**790 J**	**890**	**ug/kg**
Benzene	ND	220	ug/kg
Bromodichloromethane	ND	220	ug/kg
Bromoform	ND	220	ug/kg
Bromomethane	ND	220	ug/kg
2-Butanone	ND	220	ug/kg
Carbon disulfide	ND	220	ug/kg
Carbon tetrachloride	ND	220	ug/kg
Chlorobenzene	ND	220	ug/kg
Chloroethane	ND	220	ug/kg
Chloroform	ND	220	ug/kg
Chloromethane	ND	220	ug/kg
Cyclohexane	ND	220	ug/kg
Dibromochloromethane	ND	220	ug/kg
1,2-Dibromo-3-chloro-propane	ND	220	ug/kg
1,2-Dibromoethane	ND	220	ug/kg
1,3-Dichlorobenzene	ND	220	ug/kg
1,4-Dichlorobenzene	ND	220	ug/kg
1,2-Dichlorobenzene	ND	220	ug/kg
Dichlorodifluoromethane	ND	220	ug/kg
1,1-Dichloroethane	ND	220	ug/kg
1,2-Dichloroethane	ND	220	ug/kg
1,1-Dichloroethene	ND	220	ug/kg
cis-1,2-Dichloroethene	ND	220	ug/kg
trans-1,2-Dichloroethene	ND	220	ug/kg
1,2-Dichloropropane	ND	220	ug/kg
cis-1,3-Dichloropropene	ND	220	ug/kg
trans-1,3-Dichloropropene	ND	220	ug/kg
Ethylbenzene	ND	220	ug/kg
2-Hexanone	ND	220	ug/kg
Isopropylbenzene	ND	220	ug/kg
Methyl acetate	ND	220	ug/kg
Methylene chloride	ND	220	ug/kg
Methylcyclohexane	ND	220	ug/kg
4-Methyl-2-pentanone	ND	220	ug/kg
Methyl tert-butyl ether	ND	220	ug/kg
Styrene	ND	220	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-16-110310

GC/MS Volatiles

Lot-Sample #...: C0K040440-003 **Work Order #...:** L9JCA1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	220	ug/kg
1,2,4-Trichloro-benzene	ND	220	ug/kg
Tetrachloroethene	ND	220	ug/kg
1,1,1-Trichloroethane	ND	220	ug/kg
1,1,2-Trichloroethane	ND	220	ug/kg
Trichloroethene	ND	220	ug/kg
Trichlorofluoromethane	ND	220	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	220	ug/kg
Toluene	ND	220	ug/kg
Vinyl chloride	ND	220	ug/kg
Xylenes (total)	ND	670	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K040440-004 **Work Order #...:** L9JCC1AA **Matrix.....:** WATER
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10 **MS Run #.....:** 0312006
Prep Date.....: 11/07/10 **Analysis Date..:** 11/08/10
Prep Batch #...: 0312015 **Analysis Time..:** 02:24
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/L
Benzene	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	5.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	5.0	ug/L
Carbon tetrachloride	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
Chloroethane	ND	5.0	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.0	ug/L
Cyclohexane	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L
1,2-Dibromoethane	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
Dichlorodifluoromethane	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
trans-1,3-Dichloropropene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	5.0	ug/L
Methyl acetate	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
Methylcyclohexane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	5.0	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K040440-004 **Work Order #...:** L9JCC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
1,2,4-Trichloro-benzene	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
Vinyl chloride	ND	5.0	ug/L
Xylenes (total)	ND	15	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(62 - 123)
Toluene-d8	105	(80 - 120)
4-Bromofluorobenzene	104	(75 - 120)
Dibromofluoromethane	86	(80 - 120)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9K0K1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K050000-054

Prep Date.....: 11/05/10 **Analysis Time..:** 05:53
Analysis Date..: 11/05/10 **Prep Batch #...:** 0309054
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9K0K1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	109	(72 - 127)
4-Bromofluorobenzene	90	(63 - 120)
Dibromofluoromethane	94	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9L2T1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K050000-267
Prep Date.....: 11/05/10 **Analysis Time..:** 08:03
Analysis Date..: 11/05/10 **Prep Batch #...:** 0309267
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
2-Butanone	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
Cyclohexane	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	250	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	250	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
Methylcyclohexane	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	250	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9L2T1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	750	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	102	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9NPW1AA **Matrix.....:** WATER
MB Lot-Sample #: C0K080000-015

Prep Date.....: 11/07/10 **Analysis Time..:** 01:58
Analysis Date..: 11/08/10 **Prep Batch #...:** 0312015
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	5.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	5.0	ug/L	SW846 8260B
Cyclohexane	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9NPW1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	SW846 8260B
Toluene	ND	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	5.0	ug/L	SW846 8260B
Xylenes (total)	ND	15	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	89	(62 - 123)
Toluene-d8	103	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	85	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9K0K1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-054
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309054 **Analysis Time..:** 07:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**95**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**96**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**105**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**87**	**(76 - 119)**	**SW846 8260B**
Toluene	**90**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	101	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9K0K1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-054
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309054 **Analysis Time..:** 07:02
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**38.1**	**ug/kg**	**95**	**SW846 8260B**
Chlorobenzene	**40.0**	**38.6**	**ug/kg**	**96**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**41.9**	**ug/kg**	**105**	**SW846 8260B**
Trichloroethene	**40.0**	**34.6**	**ug/kg**	**87**	**SW846 8260B**
Toluene	**40.0**	**36.0**	**ug/kg**	**90**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	101	(72 - 127)
4-Bromofluorobenzene	101	(63 - 120)
Dibromofluoromethane	101	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9L2T1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-267 L9L2T1AD-LCSD
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309267 **Analysis Time..:** 08:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(77 - 120)**			**SW846 8260B**
	100	**(77 - 120)**	**3.2**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**102**	**(79 - 120)**			**SW846 8260B**
	102	**(79 - 120)**	**0.090**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**90**	**(59 - 129)**			**SW846 8260B**
	91	**(59 - 129)**	**2.0**	**(0-25)**	**SW846 8260B**
Trichloroethene	**96**	**(76 - 119)**			**SW846 8260B**
	97	**(76 - 119)**	**1.1**	**(0-21)**	**SW846 8260B**
Toluene	**104**	**(78 - 124)**			**SW846 8260B**
	104	**(78 - 124)**	**0.43**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(52 - 124)
	100	(52 - 124)
Toluene-d8	100	(72 - 127)
	101	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
	102	(63 - 120)
Dibromofluoromethane	97	(68 - 121)
	100	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9L2T1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: C0K050000-267 L9L2T1AD-LCSD
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309267 **Analysis Time..:** 08:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**2000**	**1930**	**ug/kg**	**96**		**SW846 8260B**
	2000	**1990**	**ug/kg**	**100**	**3.2**	**SW846 8260B**
Chlorobenzene	**2000**	**2050**	**ug/kg**	**102**		**SW846 8260B**
	2000	**2050**	**ug/kg**	**102**	**0.090**	**SW846 8260B**
1,1-Dichloroethene	**2000**	**1790**	**ug/kg**	**90**		**SW846 8260B**
	2000	**1830**	**ug/kg**	**91**	**2.0**	**SW846 8260B**
Trichloroethene	**2000**	**1920**	**ug/kg**	**96**		**SW846 8260B**
	2000	**1940**	**ug/kg**	**97**	**1.1**	**SW846 8260B**
Toluene	**2000**	**2070**	**ug/kg**	**104**		**SW846 8260B**
	2000	**2080**	**ug/kg**	**104**	**0.43**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(52 - 124)
	100	(52 - 124)
Toluene-d8	100	(72 - 127)
	101	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
	102	(63 - 120)
Dibromofluoromethane	97	(68 - 121)
	100	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9NPW1AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K080000-015
Prep Date.....: 11/07/10 **Analysis Date..:** 11/08/10
Prep Batch #...: 0312015 **Analysis Time..:** 04:28
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**82**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**100**	**(83 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**81**	**(69 - 127)**	**SW846 8260B**
Trichloroethene	**87**	**(80 - 120)**	**SW846 8260B**
Toluene	**98**	**(80 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(62 - 123)
Toluene-d8	104	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	89	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9NPW1AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K080000-015
Prep Date.....: 11/07/10 **Analysis Date..:** 11/08/10
Prep Batch #...: 0312015 **Analysis Time..:** 04:28
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**32.7**	**ug/L**	**82**	**SW846 8260B**
Chlorobenzene	**40.0**	**39.8**	**ug/L**	**100**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**32.3**	**ug/L**	**81**	**SW846 8260B**
Trichloroethene	**40.0**	**34.6**	**ug/L**	**87**	**SW846 8260B**
Toluene	**40.0**	**39.1**	**ug/L**	**98**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(62 - 123)
Toluene-d8	104	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
Dibromofluoromethane	89	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9HQJ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K030592-007 L9HQJ1AG-MSD
Date Sampled...: 11/01/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0309038
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309054 **Analysis Time..:** 07:25
Dilution Factor: 1 **% Moisture.....:** 15

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**98**	**(77 - 120)**			**SW846 8260B**
	96	**(77 - 120)**	**1.5**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**101**	**(79 - 120)**			**SW846 8260B**
	101	**(79 - 120)**	**0.34**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**106**	**(59 - 129)**			**SW846 8260B**
	99	**(59 - 129)**	**6.4**	**(0-25)**	**SW846 8260B**
Trichloroethene	**88**	**(76 - 119)**			**SW846 8260B**
	90	**(76 - 119)**	**2.2**	**(0-21)**	**SW846 8260B**
Toluene	**93**	**(78 - 124)**			**SW846 8260B**
	97	**(78 - 124)**	**4.1**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
	98	(52 - 124)
Toluene-d8	100	(72 - 127)
	106	(72 - 127)
4-Bromofluorobenzene	103	(63 - 120)
	99	(63 - 120)
Dibromofluoromethane	102	(68 - 121)
	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L9HQJ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K030592-007 L9HQJ1AG-MSD
Date Sampled...: 11/01/10 **Date Received..:** 11/03/10 **MS Run #.....:** 0309038
Prep Date.....: 11/05/10 **Analysis Date..:** 11/05/10
Prep Batch #...: 0309054 **Analysis Time..:** 07:25
Dilution Factor: 1 **% Moisture.....:** 15

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**46.9**	**45.9**	**ug/kg**	**98**		**SW846 8260B**
	ND	**46.9**	**45.2**	**ug/kg**	**96**	**1.5**	**SW846 8260B**
Chlorobenzene	**ND**	**46.9**	**47.5**	**ug/kg**	**101**		**SW846 8260B**
	ND	**46.9**	**47.4**	**ug/kg**	**101**	**0.34**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**46.9**	**49.6**	**ug/kg**	**106**		**SW846 8260B**
	ND	**46.9**	**46.5**	**ug/kg**	**99**	**6.4**	**SW846 8260B**
Trichloroethene	**ND**	**46.9**	**41.1**	**ug/kg**	**88**		**SW846 8260B**
	ND	**46.9**	**42.0**	**ug/kg**	**90**	**2.2**	**SW846 8260B**
Toluene	**ND**	**46.9**	**43.6**	**ug/kg**	**93**		**SW846 8260B**
	ND	**46.9**	**45.5**	**ug/kg**	**97**	**4.1**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(52 - 124)
	98	(52 - 124)
Toluene-d8	100	(72 - 127)
	106	(72 - 127)
4-Bromofluorobenzene	103	(63 - 120)
	99	(63 - 120)
Dibromofluoromethane	102	(68 - 121)
	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L85781AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: C0J270455-008 L85781AK-MSD
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0312006
Prep Date.....: 11/07/10 **Analysis Date..:** 11/08/10
Prep Batch #...: 0312015 **Analysis Time..:** 04:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**85**	**(80 - 120)**			**SW846 8260B**
	86	**(80 - 120)**	**2.1**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**104**	**(83 - 120)**			**SW846 8260B**
	108	**(83 - 120)**	**1.4**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**83**	**(69 - 127)**			**SW846 8260B**
	85	**(69 - 127)**	**2.1**	**(0-20)**	**SW846 8260B**
Trichloroethene	**89**	**(80 - 120)**			**SW846 8260B**
	89	**(80 - 120)**	**0.47**	**(0-20)**	**SW846 8260B**
Toluene	**99**	**(80 - 124)**			**SW846 8260B**
	103	**(80 - 124)**	**3.3**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(62 - 123)
	90	(62 - 123)
Toluene-d8	104	(80 - 120)
	108	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
	106	(75 - 120)
Dibromofluoromethane	90	(80 - 120)
	92	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K040440 **Work Order #...:** L85781AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: C0J270455-008 L85781AK-MSD
Date Sampled...: 10/26/10 **Date Received..:** 10/27/10 **MS Run #.....:** 0312006
Prep Date.....: 11/07/10 **Analysis Date..:** 11/08/10
Prep Batch #...: 0312015 **Analysis Time..:** 04:51
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**40.0**	**33.9**	**ug/L**	**85**		**SW846 8260B**
	ND	**40.0**	**34.6**	**ug/L**	**86**	**2.1**	**SW846 8260B**
Chlorobenzene	**67**	**40.0**	**108**	**ug/L**	**104**		**SW846 8260B**
	67	**40.0**	**110**	**ug/L**	**108**	**1.4**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**40.0**	**33.4**	**ug/L**	**83**		**SW846 8260B**
	ND	**40.0**	**34.0**	**ug/L**	**85**	**2.1**	**SW846 8260B**
Trichloroethene	**6.2**	**40.0**	**41.7**	**ug/L**	**89**		**SW846 8260B**
	6.2	**40.0**	**41.9**	**ug/L**	**89**	**0.47**	**SW846 8260B**
Toluene	**ND**	**40.0**	**39.7**	**ug/L**	**99**		**SW846 8260B**
	ND	**40.0**	**41.0**	**ug/L**	**103**	**3.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(62 - 123)
	90	(62 - 123)
Toluene-d8	104	(80 - 120)
	108	(80 - 120)
4-Bromofluorobenzene	102	(75 - 120)
	106	(75 - 120)
Dibromofluoromethane	90	(80 - 120)
	92	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-15-110310

TOTAL Metals

Lot-Sample #...: C0K040440-001 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 35

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308418						
Lead	**120**	**0.38**	**mg/kg**	**SW846 6010B**	**11/04-11/05/10**	**L9JA61AC**
		Dilution Factor: 0.83		Analysis Time..: 09:28	MS Run #.....: 0308197	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-15R-110310

TOTAL Metals

Lot-Sample #...: C0K040440-002 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0308418						
Lead	**110**	**0.31**	**mg/kg**	**SW846 6010B**	**11/04-11/05/10**	**L9JA91AC**
		Dilution Factor: 0.87		Analysis Time..: 09:50	MS Run #.....: 0308197	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K040440 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K040000-418 **Prep Batch #...:** 0308418						
Lead	ND	0.24	mg/kg	SW846 6010B	11/04-11/05/10	L9KFF1AA
		Dilution Factor: 0.79				
		Analysis Time..: 09:11				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K040440 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K040000-418 **Prep Batch #...:** 0308418					
Lead	97	(80 - 120)	SW846 6010B	11/04-11/05/10	L9KFF1AC
		Dilution Factor: 0.96	Analysis Time..: 09:17		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K040440 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K040000-418 **Prep Batch #...:** 0308418							
Lead	48.0	46.5	mg/kg	97	SW846 6010B	11/04-11/05/10	L9KFF1AC

Dilution Factor: 0.96 Analysis Time..: 09:17

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K040440 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K040440-001 **Prep Batch #...:** 0308418						**% Moisture.....:** 35	
Lead	209 N	(75 - 125)			SW846 6010B	11/04-11/05/10	L9JA61AF
	177 N	(75 - 125)	7.5	(0-20)	SW846 6010B	11/04-11/05/10	L9JA61AG

Dilution Factor: 0.95
Analysis Time..: 09:39
MS Run #.....: 0308197

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K040440 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K040440-001 **Prep Batch #...:** 0308418										
									% Moisture.....: 35	
Lead										
	120	73.4	274	N	mg/kg	209		SW846 6010B	11/04-11/05/10	L9JA61AF
	120	75.7	254	N	mg/kg	177	7.5	SW846 6010B	11/04-11/05/10	L9JA61AG

Dilution Factor: 0.95
Analysis Time..: 09:39
MS Run #.....: 0308197

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-15-110310

General Chemistry

Lot-Sample #...: C0K040440-001 **Work Order #...:** L9JA6 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 35

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**64.7**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308297**

Dilution Factor: 1 Analysis Time..: 08:19 MS Run #.....: 0308149

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-15R-110310

General Chemistry

Lot-Sample #...: C0K040440-002 **Work Order #...:** L9JA9 **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.1**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308297**

Dilution Factor: 1 Analysis Time..: 08:19 MS Run #.....: 0308149

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-16-110310

General Chemistry

Lot-Sample #...: C0K040440-003 **Work Order #...:** L9JCA **Matrix.....:** SOLID
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.8**		**%**	**SM20 2540G**	**11/04-11/05/10**	**0308297**

Dilution Factor: 1 Analysis Time..: 08:19 MS Run #.....: 0308149

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K040440 **Work Order #...:** L9JA6-SMP **Matrix.....:** SOLID
L9JA6-DUP
Date Sampled...: 11/03/10 **Date Received..:** 11/04/10
% Moisture.....: 35

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K040440-001		
	64.7	71.6	%	10	(0-20)	SM20 2540G	11/04-11/05/10	0308297

Dilution Factor: 1 Analysis Time..: 08:19 MS Run Number..: 0308149

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0K180470

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

December 1, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K180470

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 18, 2010. The coolers were received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibrations had compounds >25%D but they were within expected performance range for the compounds. All results were reported.

Due to the concentration of target compounds detected and/or matrix interference, several samples were analyzed at a dilution.

GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

PCB's:
There were no problems associated with the analysis.

Metals:
The matrix spikes of sample WW-1-111710 recovered outside control limits for aluminum.

For the matrix spike and matrix spike duplicate of sample WW-1-111710, iron recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

General Chemistry:
There were no problems associated with the analysis.

C0K180470

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: MACTEC Inc.	Rob Crowley	Chris Hortert	Carrie Gamber	007609
Address: 400 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-596-6975	Telephone: 412-963-2428	1 of ___ COCs
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com			
Phone: 412-279-6661				
Project Name: HW Schmigel	Method of Shipment/Carrier: Fed Ex			
Project Number:	Shipping/Tracking No:			
P O #				

Analysis Turnaround Time (in BUS days)
TAT if different from below ___ ___
☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite (C) or Grab (G)	Analyses: O&G	TDS	metals + Hg	TCL VOAs	BNA	PCB	Lead	VOC			Sample Specific Notes / Special Instructions:
WW-1-111710	11/17/10	1200		X					X	X			X		N	G	1	1	1	3	2	2					
WW-2-111710		1215		X					X	X			X		N	G	1	1	1	3	2	2					
CS-17-111710		1230				X							X		N	G							1				
CS-18-111710		1240				X							X		N	G							1				
CS-19-111710		1310				X							X		N	G							1				
CS-20-111710		1320				X				X			X		N	G							1	4			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For ___ Months

Special Instructions/QC Requirements & Comments:

2 coolers

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	MACTEC	11/17/10 1530			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	TAL	11/18/10 1000

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TAL 0018- 1 (04/10)

METHODS SUMMARY

C0K180470

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
N-Hexane Extractable Material (1664A)	CFR136A 1664A H	EPA 1664A
PCBs by SW-846 8082	SW846 8082	SW846 3510C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Total Dissolved Solids SM 2540C (SM 20)	SM20 2540C	SM20 2540C
Total Residue as Percent Solids	SM20 2540G	
Total Suspended Solids SM 2540 D	SM20 2540D	SM20 2540D
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3010A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B
Volatile Organics by GC/MS	SW846 8260B	SW846 5035

References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K180470

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L98CJ	001	WW-1-111710	11/17/10	12:00
L98CN	002	WW-2-111710	11/17/10	12:15
L98CP	003	CS-17-111710	11/17/10	12:30
L98C2	004	CS-18-111710	11/17/10	12:40
L98C3	005	CS-19-111710	11/17/10	13:10
L98C6	006	CS-20-111710	11/17/10	13:20
L98C8	007	TRIP BLANK	11/17/10	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AF **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 18:43
Dilution Factor: 100
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**25000**	**2000**	**ug/L**
Benzene	ND	500	ug/L
Bromodichloromethane	ND	500	ug/L
Bromoform	ND	500	ug/L
Bromomethane	ND	500	ug/L
2-Butanone	**1100**	**500**	**ug/L**
Carbon disulfide	ND	500	ug/L
Carbon tetrachloride	ND	500	ug/L
Chlorobenzene	ND	500	ug/L
Chloroethane	ND	500	ug/L
Chloroform	ND	500	ug/L
Chloromethane	ND	500	ug/L
Cyclohexane	ND	500	ug/L
Dibromochloromethane	ND	500	ug/L
1,2-Dibromo-3-chloro-propane	ND	500	ug/L
1,2-Dibromoethane	ND	500	ug/L
1,3-Dichlorobenzene	ND	500	ug/L
1,4-Dichlorobenzene	ND	500	ug/L
1,2-Dichlorobenzene	ND	500	ug/L
Dichlorodifluoromethane	ND	500	ug/L
1,1-Dichloroethane	ND	500	ug/L
1,2-Dichloroethane	ND	500	ug/L
1,1-Dichloroethene	ND	500	ug/L
cis-1,2-Dichloroethene	ND	500	ug/L
trans-1,2-Dichloroethene	ND	500	ug/L
1,2-Dichloropropane	ND	500	ug/L
cis-1,3-Dichloropropene	ND	500	ug/L
trans-1,3-Dichloropropene	ND	500	ug/L
Ethylbenzene	ND	500	ug/L
2-Hexanone	ND	500	ug/L
Isopropylbenzene	ND	500	ug/L
Methyl acetate	ND	500	ug/L
Methylene chloride	ND	500	ug/L
Methylcyclohexane	ND	500	ug/L
4-Methyl-2-pentanone	**200 J**	**500**	**ug/L**
Methyl tert-butyl ether	ND	500	ug/L
Styrene	ND	500	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AF **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	500	ug/L
1,2,4-Trichloro-benzene	ND	500	ug/L
Tetrachloroethene	ND	500	ug/L
1,1,1-Trichloroethane	ND	500	ug/L
1,1,2-Trichloroethane	ND	500	ug/L
Trichloroethene	ND	500	ug/L
Trichlorofluoromethane	ND	500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	500	ug/L
Toluene	**320 J**	**500**	**ug/L**
Vinyl chloride	ND	500	ug/L
Xylenes (total)	ND	1500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(62 - 123)
Toluene-d8	90	(80 - 120)
4-Bromofluorobenzene	93	(75 - 120)
Dibromofluoromethane	94	(80 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AQ **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 19:11
Dilution Factor: 100
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**20000**	**2000**	**ug/L**
Benzene	ND	500	ug/L
Bromodichloromethane	ND	500	ug/L
Bromoform	ND	500	ug/L
Bromomethane	ND	500	ug/L
2-Butanone	**980**	**500**	**ug/L**
Carbon disulfide	ND	500	ug/L
Carbon tetrachloride	ND	500	ug/L
Chlorobenzene	ND	500	ug/L
Chloroethane	ND	500	ug/L
Chloroform	ND	500	ug/L
Chloromethane	ND	500	ug/L
Cyclohexane	ND	500	ug/L
Dibromochloromethane	ND	500	ug/L
1,2-Dibromo-3-chloro-propane	ND	500	ug/L
1,2-Dibromoethane	ND	500	ug/L
1,3-Dichlorobenzene	ND	500	ug/L
1,4-Dichlorobenzene	ND	500	ug/L
1,2-Dichlorobenzene	ND	500	ug/L
Dichlorodifluoromethane	ND	500	ug/L
1,1-Dichloroethane	ND	500	ug/L
1,2-Dichloroethane	ND	500	ug/L
1,1-Dichloroethene	ND	500	ug/L
cis-1,2-Dichloroethene	ND	500	ug/L
trans-1,2-Dichloroethene	ND	500	ug/L
1,2-Dichloropropane	ND	500	ug/L
cis-1,3-Dichloropropene	ND	500	ug/L
trans-1,3-Dichloropropene	ND	500	ug/L
Ethylbenzene	ND	500	ug/L
2-Hexanone	ND	500	ug/L
Isopropylbenzene	ND	500	ug/L
Methyl acetate	ND	500	ug/L
Methylene chloride	ND	500	ug/L
Methylcyclohexane	ND	500	ug/L
4-Methyl-2-pentanone	**180 J**	**500**	**ug/L**
Methyl tert-butyl ether	ND	500	ug/L
Styrene	ND	500	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AQ **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	500	ug/L
1,2,4-Trichloro-benzene	ND	500	ug/L
Tetrachloroethene	ND	500	ug/L
1,1,1-Trichloroethane	ND	500	ug/L
1,1,2-Trichloroethane	ND	500	ug/L
Trichloroethene	ND	500	ug/L
Trichlorofluoromethane	ND	500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	500	ug/L
Toluene	**380 J**	**500**	**ug/L**
Vinyl chloride	ND	500	ug/L
Xylenes (total)	ND	1500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(62 - 123)
Toluene-d8	89	(80 - 120)
4-Bromofluorobenzene	93	(75 - 120)
Dibromofluoromethane	96	(80 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-20-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-006 **Work Order #...:** L98C61AC **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 10:49
Dilution Factor: 0.92
% Moisture.....: 25 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ug/kg
Benzene	ND	6.2	ug/kg
Bromodichloromethane	ND	6.2	ug/kg
Bromoform	ND	6.2	ug/kg
Bromomethane	ND	6.2	ug/kg
2-Butanone	ND	6.2	ug/kg
Carbon disulfide	ND	6.2	ug/kg
Carbon tetrachloride	ND	6.2	ug/kg
Chlorobenzene	ND	6.2	ug/kg
Chloroethane	ND	6.2	ug/kg
Chloroform	ND	6.2	ug/kg
Chloromethane	ND	6.2	ug/kg
Cyclohexane	ND	6.2	ug/kg
Dibromochloromethane	ND	6.2	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg
1,2-Dibromoethane	ND	6.2	ug/kg
1,3-Dichlorobenzene	ND	6.2	ug/kg
1,4-Dichlorobenzene	ND	6.2	ug/kg
1,2-Dichlorobenzene	ND	6.2	ug/kg
Dichlorodifluoromethane	ND	6.2	ug/kg
1,1-Dichloroethane	ND	6.2	ug/kg
1,2-Dichloroethane	ND	6.2	ug/kg
1,1-Dichloroethene	ND	6.2	ug/kg
cis-1,2-Dichloroethene	ND	6.2	ug/kg
trans-1,2-Dichloroethene	ND	6.2	ug/kg
1,2-Dichloropropane	ND	6.2	ug/kg
cis-1,3-Dichloropropene	ND	6.2	ug/kg
trans-1,3-Dichloropropene	ND	6.2	ug/kg
Ethylbenzene	ND	6.2	ug/kg
2-Hexanone	ND	6.2	ug/kg
Isopropylbenzene	ND	6.2	ug/kg
Methyl acetate	ND	6.2	ug/kg
Methylene chloride	ND	6.2	ug/kg
Methylcyclohexane	ND	6.2	ug/kg
4-Methyl-2-pentanone	ND	6.2	ug/kg
Methyl tert-butyl ether	ND	6.2	ug/kg
Styrene	ND	6.2	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: CS-20-111710

GC/MS Volatiles

Lot-Sample #...: C0K180470-006 **Work Order #...:** L98C61AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg
1,2,4-Trichloro-benzene	ND	6.2	ug/kg
Tetrachloroethene	ND	6.2	ug/kg
1,1,1-Trichloroethane	ND	6.2	ug/kg
1,1,2-Trichloroethane	ND	6.2	ug/kg
Trichloroethene	ND	6.2	ug/kg
Trichlorofluoromethane	ND	6.2	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg
Toluene	ND	6.2	ug/kg
Vinyl chloride	ND	6.2	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	80	(63 - 120)
Dibromofluoromethane	100	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K180470-007 **Work Order #...:** L98C81AA **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 19:40
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/L
Benzene	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	5.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	5.0	ug/L
Carbon tetrachloride	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
Chloroethane	ND	5.0	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.0	ug/L
Cyclohexane	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L
1,2-Dibromoethane	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
Dichlorodifluoromethane	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
trans-1,3-Dichloropropene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	5.0	ug/L
Methyl acetate	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
Methylcyclohexane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	5.0	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K180470-007 **Work Order #...:** L98C81AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
1,2,4-Trichloro-benzene	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
Vinyl chloride	ND	5.0	ug/L
Xylenes (total)	ND	15	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(62 - 123)
Toluene-d8	89	(80 - 120)
4-Bromofluorobenzene	92	(75 - 120)
Dibromofluoromethane	96	(80 - 120)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L99N51AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K190000-065
Prep Date.....: 11/19/10 **Analysis Time..:** 06:09
Analysis Date..: 11/19/10 **Prep Batch #...:** 0323065
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L99N51AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	117	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** MAMHC1AA **Matrix.....:** WATER
MB Lot-Sample #: C0K300000-152
Prep Date.....: 11/29/10 **Analysis Time..:** 14:44
Analysis Date..: 11/29/10 **Prep Batch #...:** 0334152
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	5.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	5.0	ug/L	SW846 8260B
Cyclohexane	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** MAMHC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	SW846 8260B
Toluene	ND	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	5.0	ug/L	SW846 8260B
Xylenes (total)	ND	15	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(62 - 123)
Toluene-d8	94	(80 - 120)
4-Bromofluorobenzene	90	(75 - 120)
Dibromofluoromethane	91	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L99N51AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K190000-065
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 06:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**94**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**99**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**96**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**100**	**(76 - 119)**	**SW846 8260B**
Toluene	**99**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L99N51AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K190000-065
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 06:55
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**37.6**	**ug/kg**	**94**	**SW846 8260B**
Chlorobenzene	**40.0**	**39.6**	**ug/kg**	**99**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**38.2**	**ug/kg**	**96**	**SW846 8260B**
Trichloroethene	**40.0**	**39.8**	**ug/kg**	**100**	**SW846 8260B**
Toluene	**40.0**	**39.6**	**ug/kg**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** MAMHC1AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K300000-152
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 16:40
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**86**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**90**	**(83 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**83**	**(69 - 127)**	**SW846 8260B**
Trichloroethene	**91**	**(80 - 120)**	**SW846 8260B**
Toluene	**96**	**(80 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(62 - 123)
Toluene-d8	95	(80 - 120)
4-Bromofluorobenzene	92	(75 - 120)
Dibromofluoromethane	85	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** MAMHC1AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K300000-152
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 16:40
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**34.4**	**ug/L**	**86**	**SW846 8260B**
Chlorobenzene	**40.0**	**36.2**	**ug/L**	**90**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**33.1**	**ug/L**	**83**	**SW846 8260B**
Trichloroethene	**40.0**	**36.4**	**ug/L**	**91**	**SW846 8260B**
Toluene	**40.0**	**38.3**	**ug/L**	**96**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(62 - 123)
Toluene-d8	95	(80 - 120)
4-Bromofluorobenzene	92	(75 - 120)
Dibromofluoromethane	85	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L96PE1AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K170477-001 L96PE1AH-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 07:17
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**99**	**(77 - 120)**			**SW846 8260B**
	93	**(77 - 120)**	**6.2**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**106**	**(79 - 120)**			**SW846 8260B**
	100	**(79 - 120)**	**5.8**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**88**	**(59 - 129)**			**SW846 8260B**
	76	**(59 - 129)**	**14**	**(0-25)**	**SW846 8260B**
Trichloroethene	**104**	**(76 - 119)**			**SW846 8260B**
	100	**(76 - 119)**	**4.1**	**(0-21)**	**SW846 8260B**
Toluene	**114**	**(78 - 124)**			**SW846 8260B**
	108	**(78 - 124)**	**5.0**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
	103	(52 - 124)
Toluene-d8	108	(72 - 127)
	109	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)
	96	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L96PE1AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K170477-001 L96PE1AH-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 07:17
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**46.0**	**45.3**	**ug/kg**	**99**		**SW846 8260B**
	ND	**46.0**	**42.6**	**ug/kg**	**93**	**6.2**	**SW846 8260B**
Chlorobenzene	**ND**	**46.0**	**48.9**	**ug/kg**	**106**		**SW846 8260B**
	ND	**46.0**	**46.1**	**ug/kg**	**100**	**5.8**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**46.0**	**40.4**	**ug/kg**	**88**		**SW846 8260B**
	ND	**46.0**	**35.0**	**ug/kg**	**76**	**14**	**SW846 8260B**
Trichloroethene	**ND**	**46.0**	**47.9**	**ug/kg**	**104**		**SW846 8260B**
	ND	**46.0**	**46.0**	**ug/kg**	**100**	**4.1**	**SW846 8260B**
Toluene	**ND**	**46.0**	**52.4**	**ug/kg**	**114**		**SW846 8260B**
	ND	**46.0**	**49.9**	**ug/kg**	**108**	**5.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
	103	(52 - 124)
Toluene-d8	108	(72 - 127)
	109	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)
	96	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L96E91AC-MS **Matrix.....:** WATER
MS Lot-Sample #: C0K170433-001 L96E91AD-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 17:10
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**85**	**(80 - 120)**			**SW846 8260B**
	87	**(80 - 120)**	**1.9**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**88**	**(83 - 120)**			**SW846 8260B**
	89	**(83 - 120)**	**1.0**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**78**	**(69 - 127)**			**SW846 8260B**
	82	**(69 - 127)**	**4.7**	**(0-20)**	**SW846 8260B**
Trichloroethene	**90**	**(80 - 120)**			**SW846 8260B**
	89	**(80 - 120)**	**0.83**	**(0-20)**	**SW846 8260B**
Toluene	**95**	**(80 - 124)**			**SW846 8260B**
	95	**(80 - 124)**	**0.15**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(62 - 123)
	91	(62 - 123)
Toluene-d8	96	(80 - 120)
	98	(80 - 120)
4-Bromofluorobenzene	90	(75 - 120)
	99	(75 - 120)
Dibromofluoromethane	86	(80 - 120)
	92	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K180470 **Work Order #...:** L96E91AC-MS **Matrix.....:** WATER
MS Lot-Sample #: C0K170433-001 L96E91AD-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0334078
Prep Date.....: 11/29/10 **Analysis Date..:** 11/29/10
Prep Batch #...: 0334152 **Analysis Time..:** 17:10
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**40.0**	**34.0**	**ug/L**	**85**		**SW846 8260B**
	ND	**40.0**	**34.7**	**ug/L**	**87**	**1.9**	**SW846 8260B**
Chlorobenzene	**ND**	**40.0**	**35.3**	**ug/L**	**88**		**SW846 8260B**
	ND	**40.0**	**35.6**	**ug/L**	**89**	**1.0**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**40.0**	**31.3**	**ug/L**	**78**		**SW846 8260B**
	ND	**40.0**	**32.8**	**ug/L**	**82**	**4.7**	**SW846 8260B**
Trichloroethene	**ND**	**40.0**	**36.1**	**ug/L**	**90**		**SW846 8260B**
	ND	**40.0**	**35.8**	**ug/L**	**89**	**0.83**	**SW846 8260B**
Toluene	**ND**	**40.0**	**38.2**	**ug/L**	**95**		**SW846 8260B**
	ND	**40.0**	**38.1**	**ug/L**	**95**	**0.15**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(62 - 123)
	91	(62 - 123)
Toluene-d8	96	(80 - 120)
	98	(80 - 120)
4-Bromofluorobenzene	90	(75 - 120)
	99	(75 - 120)
Dibromofluoromethane	86	(80 - 120)
	92	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AE **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:**
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322106 **Analysis Time..:** 21:50
Dilution Factor: 0.96
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	1.9	ug/L
Acenaphthylene	ND	1.9	ug/L
Acetophenone	ND	9.6	ug/L
Anthracene	ND	1.9	ug/L
Atrazine	ND	9.6	ug/L
Benzo(a)anthracene	ND	1.9	ug/L
Benzo(a)pyrene	ND	1.9	ug/L
Benzo(b)fluoranthene	ND	1.9	ug/L
Benzo(ghi)perylene	ND	1.9	ug/L
Benzo(k)fluoranthene	ND	1.9	ug/L
Benzaldehyde	ND	9.6	ug/L
1,1'-Biphenyl	**17**	**9.6**	**ug/L**
bis(2-Chloroethoxy) methane	ND	9.6	ug/L
bis(2-Chloroethyl)-ether	ND	1.9	ug/L
bis(2-Ethylhexyl) phthalate	ND	19	ug/L
4-Bromophenyl phenyl ether	ND	9.6	ug/L
Butyl benzyl phthalate	ND	9.6	ug/L
Caprolactam	ND	48	ug/L
Carbazole	ND	1.9	ug/L
4-Chloroaniline	ND	9.6	ug/L
4-Chloro-3-methylphenol	ND	9.6	ug/L
2-Chloronaphthalene	ND	1.9	ug/L
2-Chlorophenol	ND	9.6	ug/L
4-Chlorophenyl phenyl ether	ND	9.6	ug/L
Chrysene	ND	1.9	ug/L
Dibenz(a,h)anthracene	ND	1.9	ug/L
Dibenzofuran	ND	9.6	ug/L
3,3'-Dichlorobenzidine	ND	9.6	ug/L
2,4-Dichlorophenol	ND	1.9	ug/L
Diethyl phthalate	ND	9.6	ug/L
2,4-Dimethylphenol	ND	9.6	ug/L
Dimethyl phthalate	ND	9.6	ug/L
Di-n-butyl phthalate	ND	9.6	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AE **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	48	ug/L
2,4-Dinitrophenol	ND	48	ug/L
2,4-Dinitrotoluene	ND	9.6	ug/L
2,6-Dinitrotoluene	ND	9.6	ug/L
Di-n-octyl phthalate	ND	9.6	ug/L
Fluoranthene	ND	1.9	ug/L
Fluorene	ND	1.9	ug/L
Hexachlorobenzene	ND	1.9	ug/L
Hexachlorobutadiene	ND	1.9	ug/L
Hexachlorocyclopenta-diene	ND	9.6	ug/L
Hexachloroethane	ND	9.6	ug/L
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L
Isophorone	**17**	**9.6**	**ug/L**
2-Methylnaphthalene	ND	1.9	ug/L
2-Methylphenol	**2.0 J**	**9.6**	**ug/L**
4-Methylphenol	**4.6 J**	**9.6**	**ug/L**
Naphthalene	**1.3 J**	**1.9**	**ug/L**
2-Nitroaniline	ND	48	ug/L
3-Nitroaniline	ND	48	ug/L
4-Nitroaniline	ND	48	ug/L
Nitrobenzene	ND	19	ug/L
2-Nitrophenol	ND	9.6	ug/L
4-Nitrophenol	ND	48	ug/L
N-Nitrosodi-n-propyl-amine	ND	1.9	ug/L
N-Nitrosodiphenylamine	ND	9.6	ug/L
2,2'-oxybis (1-Chloropropane)	ND	1.9	ug/L
Pentachlorophenol	ND	9.6	ug/L
Phenanthrene	ND	1.9	ug/L
Phenol	**2.4**	**1.9**	**ug/L**
Pyrene	ND	1.9	ug/L
2,4,5-Trichloro-phenol	ND	9.6	ug/L
2,4,6-Trichloro-phenol	ND	9.6	ug/L
1,3-Dichlorobenzene	ND	9.6	ug/L
1,4-Dichlorobenzene	ND	9.6	ug/L
1,2-Dichlorobenzene	ND	9.6	ug/L
1,2,4-Trichloro-benzene	ND	9.6	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AE **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	84	(33 - 122)
2-Fluorobiphenyl	59	(35 - 108)
2-Fluorophenol	56	(26 - 100)
Nitrobenzene-d5	60	(37 - 104)
Phenol-d5	62	(30 - 102)
Terphenyl-d14	32	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AP **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:**
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322106 **Analysis Time..:** 22:10
Dilution Factor: 0.97

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	1.9	ug/L
Acenaphthylene	ND	1.9	ug/L
Acetophenone	ND	9.7	ug/L
Anthracene	ND	1.9	ug/L
Atrazine	ND	9.7	ug/L
Benzo(a)anthracene	ND	1.9	ug/L
Benzo(a)pyrene	ND	1.9	ug/L
Benzo(b)fluoranthene	ND	1.9	ug/L
Benzo(ghi)perylene	ND	1.9	ug/L
Benzo(k)fluoranthene	ND	1.9	ug/L
Benzaldehyde	ND	9.7	ug/L
1,1'-Biphenyl	**38**	**9.7**	**ug/L**
bis(2-Chloroethoxy) methane	ND	9.7	ug/L
bis(2-Chloroethyl)-ether	ND	1.9	ug/L
bis(2-Ethylhexyl) phthalate	ND	19	ug/L
4-Bromophenyl phenyl ether	ND	9.7	ug/L
Butyl benzyl phthalate	ND	9.7	ug/L
Caprolactam	ND	48	ug/L
Carbazole	ND	1.9	ug/L
4-Chloroaniline	ND	9.7	ug/L
4-Chloro-3-methylphenol	ND	9.7	ug/L
2-Chloronaphthalene	ND	1.9	ug/L
2-Chlorophenol	ND	9.7	ug/L
4-Chlorophenyl phenyl ether	ND	9.7	ug/L
Chrysene	ND	1.9	ug/L
Dibenz(a,h)anthracene	ND	1.9	ug/L
Dibenzofuran	ND	9.7	ug/L
3,3'-Dichlorobenzidine	ND	9.7	ug/L
2,4-Dichlorophenol	ND	1.9	ug/L
Diethyl phthalate	ND	9.7	ug/L
2,4-Dimethylphenol	ND	9.7	ug/L
Dimethyl phthalate	**1.3 J**	**9.7**	**ug/L**
Di-n-butyl phthalate	ND	9.7	ug/L

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AP **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	48	ug/L
2,4-Dinitrophenol	ND	48	ug/L
2,4-Dinitrotoluene	ND	9.7	ug/L
2,6-Dinitrotoluene	ND	9.7	ug/L
Di-n-octyl phthalate	ND	9.7	ug/L
Fluoranthene	ND	1.9	ug/L
Fluorene	ND	1.9	ug/L
Hexachlorobenzene	ND	1.9	ug/L
Hexachlorobutadiene	ND	1.9	ug/L
Hexachlorocyclopenta-diene	ND	9.7	ug/L
Hexachloroethane	ND	9.7	ug/L
Indeno(1,2,3-cd)pyrene	ND	1.9	ug/L
Isophorone	**20**	**9.7**	**ug/L**
2-Methylnaphthalene	ND	1.9	ug/L
2-Methylphenol	**2.9 J**	**9.7**	**ug/L**
4-Methylphenol	**8.9 J**	**9.7**	**ug/L**
Naphthalene	**0.61 J**	**1.9**	**ug/L**
2-Nitroaniline	ND	48	ug/L
3-Nitroaniline	ND	48	ug/L
4-Nitroaniline	ND	48	ug/L
Nitrobenzene	ND	19	ug/L
2-Nitrophenol	ND	9.7	ug/L
4-Nitrophenol	ND	48	ug/L
N-Nitrosodi-n-propyl-amine	ND	1.9	ug/L
N-Nitrosodiphenylamine	ND	9.7	ug/L
2,2'-oxybis (1-Chloropropane)	ND	1.9	ug/L
Pentachlorophenol	ND	9.7	ug/L
Phenanthrene	ND	1.9	ug/L
Phenol	**3.3**	**1.9**	**ug/L**
Pyrene	ND	1.9	ug/L
2,4,5-Trichloro-phenol	ND	9.7	ug/L
2,4,6-Trichloro-phenol	ND	9.7	ug/L
1,3-Dichlorobenzene	ND	9.7	ug/L
1,4-Dichlorobenzene	ND	9.7	ug/L
1,2-Dichlorobenzene	ND	9.7	ug/L
1,2,4-Trichloro-benzene	ND	9.7	ug/L

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC/MS Semivolatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AP **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	98	(33 - 122)
2-Fluorobiphenyl	70	(35 - 108)
2-Fluorophenol	67	(26 - 100)
Nitrobenzene-d5	69	(37 - 104)
Phenol-d5	73	(30 - 102)
Terphenyl-d14	58	(25 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AA **Matrix.....:** WATER
MB Lot-Sample #: C0K180000-106
Prep Date.....: 11/18/10 **Analysis Time..:** 20:13
Analysis Date..: 11/19/10 **Prep Batch #...:** 0322106
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	2.0	ug/L	SW846 8270C
Acenaphthylene	ND	2.0	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	2.0	ug/L	SW846 8270C
Atrazine	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	2.0	ug/L	SW846 8270C
Benzo(a)pyrene	ND	2.0	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	2.0	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	2.0	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	2.0	ug/L	SW846 8270C
Benzaldehyde	ND	10	ug/L	SW846 8270C
1,1'-Biphenyl	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)- ether	ND	2.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	20	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
Caprolactam	ND	50	ug/L	SW846 8270C
Carbazole	ND	2.0	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	2.0	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	2.0	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	2.0	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	10	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Fluoranthene	ND	2.0	ug/L	SW846 8270C
Fluorene	ND	2.0	ug/L	SW846 8270C
Hexachlorobenzene	ND	2.0	ug/L	SW846 8270C
Hexachlorobutadiene	ND	2.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	2.0	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	2.0	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	2.0	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	2.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	2.0	ug/L	SW846 8270C
Pentachlorophenol	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	2.0	ug/L	SW846 8270C
Phenol	ND	2.0	ug/L	SW846 8270C
Pyrene	ND	2.0	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	10	ug/L	SW846 8270C
1,3-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,2,4-Trichloro-benzene	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	105	(33 - 122)
2-Fluorobiphenyl	77	(35 - 108)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Fluorophenol	77	(26 - 100)		
Nitrobenzene-d5	77	(37 - 104)		
Phenol-d5	87	(30 - 102)		
Terphenyl-d14	107	(25 - 130)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-106 L97XW1AD-LCSD
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322106 **Analysis Time..:** 20:33
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	70	(39 - 106)			SW846 8270C
	77	(39 - 106)	9.1	(0-32)	SW846 8270C
4-Bromophenyl phenyl ether	82	(38 - 108)			SW846 8270C
	83	(38 - 108)	1.1	(0-40)	SW846 8270C
Butyl benzyl phthalate	82	(34 - 110)			SW846 8270C
	80	(34 - 110)	2.3	(0-35)	SW846 8270C
4-Chloro-3-methylphenol	72	(40 - 107)			SW846 8270C
	78	(40 - 107)	7.5	(0-32)	SW846 8270C
2-Chlorophenol	58	(34 - 100)			SW846 8270C
	66	(34 - 100)	13	(0-31)	SW846 8270C
2,4-Dinitrotoluene	84	(41 - 117)			SW846 8270C
	90	(41 - 117)	7.7	(0-32)	SW846 8270C
Hexachloroethane	43	(27 - 94)			SW846 8270C
	51	(27 - 94)	17	(0-43)	SW846 8270C
4-Methylphenol	67	(34 - 104)			SW846 8270C
	74	(34 - 104)	9.2	(0-34)	SW846 8270C
Naphthalene	60	(35 - 98)			SW846 8270C
	68	(35 - 98)	13	(0-39)	SW846 8270C
4-Nitrophenol	76	(29 - 120)			SW846 8270C
	74	(29 - 120)	3.5	(0-39)	SW846 8270C
N-Nitrosodi-n-propyl-amine	66	(37 - 106)			SW846 8270C
	73	(37 - 106)	11	(0-36)	SW846 8270C
Pentachlorophenol	81	(10 - 118)			SW846 8270C
	83	(10 - 118)	2.1	(0-49)	SW846 8270C
Phenol	55	(35 - 98)			SW846 8270C
	59	(35 - 98)	8.5	(0-35)	SW846 8270C
Pyrene	63	(36 - 115)			SW846 8270C
	61	(36 - 115)	2.4	(0-38)	SW846 8270C
1,4-Dichlorobenzene	44	(32 - 94)			SW846 8270C
	53	(32 - 94)	17	(0-33)	SW846 8270C
1,2,4-Trichloro-benzene	56	(36 - 97)			SW846 8270C
	62	(36 - 97)	10	(0-32)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-106 L97XW1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	99	(33 - 122)
	109	(33 - 122)
2-Fluorobiphenyl	70	(35 - 108)
	76	(35 - 108)
2-Fluorophenol	55	(26 - 100)
	64	(26 - 100)
Nitrobenzene-d5	62	(37 - 104)
	70	(37 - 104)
Phenol-d5	62	(30 - 102)
	67	(30 - 102)
Terphenyl-d14	64	(25 - 130)
	61	(25 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-106 L97XW1AD-LCSD
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322106 **Analysis Time..:** 20:33
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acenaphthene	200	141	ug/L	70		SW846 8270C
	200	154	ug/L	77	9.1	SW846 8270C
4-Bromophenyl phenyl ether	200	163	ug/L	82		SW846 8270C
	200	165	ug/L	83	1.1	SW846 8270C
Butyl benzyl phthalate	200	164	ug/L	82		SW846 8270C
	200	160	ug/L	80	2.3	SW846 8270C
4-Chloro-3-methylphenol	200	144	ug/L	72		SW846 8270C
	200	155	ug/L	78	7.5	SW846 8270C
2-Chlorophenol	200	116	ug/L	58		SW846 8270C
	200	132	ug/L	66	13	SW846 8270C
2,4-Dinitrotoluene	200	167	ug/L	84		SW846 8270C
	200	181	ug/L	90	7.7	SW846 8270C
Hexachloroethane	200	86.6	ug/L	43		SW846 8270C
	200	102	ug/L	51	17	SW846 8270C
4-Methylphenol	400	268	ug/L	67		SW846 8270C
	400	294	ug/L	74	9.2	SW846 8270C
Naphthalene	200	120	ug/L	60		SW846 8270C
	200	136	ug/L	68	13	SW846 8270C
4-Nitrophenol	200	153	ug/L	76		SW846 8270C
	200	147	ug/L	74	3.5	SW846 8270C
N-Nitrosodi-n-propyl-amine	200	131	ug/L	66		SW846 8270C
	200	146	ug/L	73	11	SW846 8270C
Pentachlorophenol	200	163	ug/L	81		SW846 8270C
	200	166	ug/L	83	2.1	SW846 8270C
Phenol	200	109	ug/L	55		SW846 8270C
	200	119	ug/L	59	8.5	SW846 8270C
Pyrene	200	125	ug/L	63		SW846 8270C
	200	122	ug/L	61	2.4	SW846 8270C
1,4-Dichlorobenzene	200	88.5	ug/L	44		SW846 8270C
	200	105	ug/L	53	17	SW846 8270C
1,2,4-Trichloro-benzene	200	112	ug/L	56		SW846 8270C
	200	124	ug/L	62	10	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L97XW1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-106 L97XW1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	99	(33 - 122)
	109	(33 - 122)
2-Fluorobiphenyl	70	(35 - 108)
	76	(35 - 108)
2-Fluorophenol	55	(26 - 100)
	64	(26 - 100)
Nitrobenzene-d5	62	(37 - 104)
	70	(37 - 104)
Phenol-d5	62	(30 - 102)
	67	(30 - 102)
Terphenyl-d14	64	(25 - 130)
	61	(25 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

GC Semivolatiles

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ1AG **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:**
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322367 **Analysis Time..:** 09:56
Dilution Factor: 0.95

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	0.38	ug/L
Aroclor 1221	ND	0.38	ug/L
Aroclor 1232	ND	0.38	ug/L
Aroclor 1242	ND	0.38	ug/L
Aroclor 1248	ND	0.38	ug/L
Aroclor 1254	ND	0.38	ug/L
Aroclor 1260	ND	0.38	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(35 - 140)
Decachlorobiphenyl	84	(35 - 140)

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

GC Semivolatiles

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN1AR **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10 **MS Run #.....:**
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322367 **Analysis Time..:** 10:22
Dilution Factor: 0.96

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Aroclor 1016	ND	0.38	ug/L
Aroclor 1221	ND	0.38	ug/L
Aroclor 1232	ND	0.38	ug/L
Aroclor 1242	ND	0.38	ug/L
Aroclor 1248	ND	0.38	ug/L
Aroclor 1254	ND	0.38	ug/L
Aroclor 1260	ND	0.38	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(35 - 140)
Decachlorobiphenyl	89	(35 - 140)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L987F1AA **Matrix.....:** WATER
MB Lot-Sample #: C0K180000-367
Prep Date.....: 11/18/10 **Analysis Time..:** 10:47
Analysis Date..: 11/19/10 **Prep Batch #...:** 0322367
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.40	ug/L	SW846 8082
Aroclor 1221	ND	0.40	ug/L	SW846 8082
Aroclor 1232	ND	0.40	ug/L	SW846 8082
Aroclor 1242	ND	0.40	ug/L	SW846 8082
Aroclor 1248	ND	0.40	ug/L	SW846 8082
Aroclor 1254	ND	0.40	ug/L	SW846 8082
Aroclor 1260	ND	0.40	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(35 - 140)
Decachlorobiphenyl	91	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L987F1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-367 L987F1AD-LCSD
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322367 **Analysis Time..:** 11:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**87**	**(60 - 130)**			**SW846 8082**
	88	**(60 - 130)**	**0.90**	**(0-27)**	**SW846 8082**
Aroclor 1260	**83**	**(60 - 130)**			**SW846 8082**
	81	**(60 - 130)**	**3.1**	**(0-24)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(35 - 140)
	112	(35 - 140)
Decachlorobiphenyl	91	(35 - 140)
	89	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K180470 **Work Order #...:** L987F1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C0K180000-367 L987F1AD-LCSD
Prep Date.....: 11/18/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0322367 **Analysis Time..:** 11:13
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**40.0**	**35.0**	**ug/L**	**87**		**SW846 8082**
	40.0	**35.3**	**ug/L**	**88**	**0.90**	**SW846 8082**
Aroclor 1260	**40.0**	**33.4**	**ug/L**	**83**		**SW846 8082**
	40.0	**32.3**	**ug/L**	**81**	**3.1**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111	(35 - 140)
	112	(35 - 140)
Decachlorobiphenyl	91	(35 - 140)
	89	(35 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

TOTAL Metals

Lot-Sample #...: C0K180470-001 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322426						
Silver	**1.0 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AH**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Aluminum	**6830**	**200**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AJ**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Arsenic	**5.7 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AK**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Barium	**95.4 B**	**200**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AL**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Beryllium	ND	4.0	ug/L	SW846 6010B	11/18-11/19/10	L98CJ1AM
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Calcium	**44600**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AN**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Cadmium	**0.45 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AP**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Cobalt	**13.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AQ**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Chromium	**9.1**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AR**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Copper	**107**	**25.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AT**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Iron	**17400**	**100**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AU**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Potassium	**2900 B**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AV**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

TOTAL Metals

Lot-Sample #...: C0K180470-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**7610**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AW**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Manganese	**1460**	**15.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1AX**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Sodium	**7330**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A0**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Nickel	**16.1 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A1**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Lead	**73.1**	**3.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A2**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Selenium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L98CJ1A3
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Thallium	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L98CJ1A4
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Antimony	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L98CJ1A5
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Vanadium	**11.0 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A6**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	
Zinc	**141**	**20.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CJ1A7**
		Dilution Factor: 1		Analysis Time..: 09:21	MS Run #.....: 0322257	

Prep Batch #...: 0323115

Mercury	**0.073 B**	**0.20**	**ug/L**	**SW846 7470A**	**11/19/10**	**L98CJ1A8**
		Dilution Factor: 1		Analysis Time..: 17:10	MS Run #.....: 0323076	

NOTE(S):

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

TOTAL Metals

Lot-Sample #...: C0K180470-002 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322426						
Silver	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1AT
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Aluminum	**3290**	**200**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AU**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Arsenic	**3.4 B**	**10.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AV**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Barium	**61.8 B**	**200**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AW**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Beryllium	ND	4.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1AX
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Calcium	**46600**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A0**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Cadmium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1A1
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Cobalt	**5.2 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A2**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Chromium	**3.8 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A3**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Copper	**14.2 B**	**25.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A4**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Iron	**4960**	**100**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A5**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Potassium	**2240 B**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A6**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	

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MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

TOTAL Metals

Lot-Sample #...: C0K180470-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**7700**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A7**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Manganese	**937**	**15.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1A8**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Sodium	**7230**	**5000**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AA**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Nickel	**5.5 B**	**40.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AC**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Lead	**237**	**3.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AD**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Selenium	**3.8 B**	**5.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AE**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Thallium	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1AF
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Antimony	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L98CN1AG
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Vanadium	**6.1 B**	**50.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AH**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	
Zinc	**52.0**	**20.0**	**ug/L**	**SW846 6010B**	**11/18-11/19/10**	**L98CN1AJ**
		Dilution Factor: 1		Analysis Time..: 09:42	MS Run #.....: 0322257	

Prep Batch #...: 0323115

Mercury	ND	0.20	ug/L	SW846 7470A	11/19/10	L98CN1AK
		Dilution Factor: 1		Analysis Time..: 17:12	MS Run #.....: 0323076	

NOTE(S):

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-17-111710

TOTAL Metals

Lot-Sample #...: C0K180470-003 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322439						
Lead	**21.0**	**0.34**	**mg/kg**	**SW846 6010B**	**11/18-11/19/10**	**L98CP1AC**
		Dilution Factor: 0.98		Analysis Time..: 10:32	MS Run #.....: 0322264	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-18-111710

TOTAL Metals

Lot-Sample #...: C0K180470-004 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322439						
Lead	**36.6**	**0.35**	**mg/kg**	**SW846 6010B**	**11/18-11/19/10**	**L98C21AC**
		Dilution Factor: 0.99		Analysis Time..: 10:15	MS Run #.....: 0322264	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-19-111710

TOTAL Metals

Lot-Sample #...: C0K180470-005 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322439						
Lead	**14.5**	**0.34**	**mg/kg**	**SW846 6010B**	**11/18-11/19/10**	**L98C31AC**
		Dilution Factor: 0.97		Analysis Time..: 10:21	MS Run #.....: 0322264	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-20-111710

TOTAL Metals

Lot-Sample #...: C0K180470-006 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 25

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0322439						
Lead	**18.3**	**0.40**	**mg/kg**	**SW846 6010B**	**11/18-11/19/10**	**L98C61AD**
		Dilution Factor: 0.99		Analysis Time..: 10:26	MS Run #.....: 0322264	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K180000-426 **Prep Batch #...:** 0322426						
Silver	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AA
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Aluminum	ND	200	ug/L	SW846 6010B	11/18-11/19/10	L99E61AC
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Arsenic	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AD
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Barium	ND	200	ug/L	SW846 6010B	11/18-11/19/10	L99E61AE
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Beryllium	ND	4.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AF
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Calcium	ND	5000	ug/L	SW846 6010B	11/18-11/19/10	L99E61AG
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Cadmium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AH
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Cobalt	ND	50.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AJ
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Chromium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AK
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Copper	ND	25.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AL
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Iron	ND	100	ug/L	SW846 6010B	11/18-11/19/10	L99E61AM
		Dilution Factor: 1				
		Analysis Time..: 09:04				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	5000	ug/L	SW846 6010B	11/18-11/19/10	L99E61AN
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Magnesium	ND	5000	ug/L	SW846 6010B	11/18-11/19/10	L99E61AP
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Manganese	ND	15.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AQ
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Sodium	ND	5000	ug/L	SW846 6010B	11/18-11/19/10	L99E61AR
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Nickel	ND	40.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AT
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Lead	ND	3.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AU
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Selenium	ND	5.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AV
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Thallium	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AW
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Antimony	ND	10.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61AX
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Vanadium	ND	50.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61A0
		Dilution Factor: 1				
		Analysis Time..: 09:04				
Zinc	ND	20.0	ug/L	SW846 6010B	11/18-11/19/10	L99E61A1
		Dilution Factor: 1				
		Analysis Time..: 09:04				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K190000-115 **Prep Batch #...:** 0323115						
Mercury	ND	0.20	ug/L	SW846 7470A	11/19/10	L99T41AA
		Dilution Factor: 1				
		Analysis Time..: 17:07				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K180000-439 **Prep Batch #...:** 0322439						
Lead	ND	0.30	mg/kg	SW846 6010B	11/18-11/19/10	L99GH1AU
		Dilution Factor: 1				
		Analysis Time..: 09:48				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K180000-426 **Prep Batch #...:** 0322426					
Silver	101	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A2
		Dilution Factor: 1	Analysis Time..: 09:10		
Aluminum	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A3
		Dilution Factor: 1	Analysis Time..: 09:10		
Arsenic	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A4
		Dilution Factor: 1	Analysis Time..: 09:10		
Barium	98	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A5
		Dilution Factor: 1	Analysis Time..: 09:10		
Beryllium	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A6
		Dilution Factor: 1	Analysis Time..: 09:10		
Calcium	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A7
		Dilution Factor: 1	Analysis Time..: 09:10		
Cadmium	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A8
		Dilution Factor: 1	Analysis Time..: 09:10		
Cobalt	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61A9
		Dilution Factor: 1	Analysis Time..: 09:10		
Chromium	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CA
		Dilution Factor: 1	Analysis Time..: 09:10		
Copper	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CC
		Dilution Factor: 1	Analysis Time..: 09:10		
Iron	90	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CD
		Dilution Factor: 1	Analysis Time..: 09:10		
Potassium	95	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CE
		Dilution Factor: 1	Analysis Time..: 09:10		
Magnesium	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CF
		Dilution Factor: 1	Analysis Time..: 09:10		
Manganese	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CG
		Dilution Factor: 1	Analysis Time..: 09:10		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CH
		Dilution Factor: 1	Analysis Time..: 09:10		
Nickel	95	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CJ
		Dilution Factor: 1	Analysis Time..: 09:10		
Lead	95	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CK
		Dilution Factor: 1	Analysis Time..: 09:10		
Selenium	95	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CL
		Dilution Factor: 1	Analysis Time..: 09:10		
Thallium	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CM
		Dilution Factor: 1	Analysis Time..: 09:10		
Antimony	97	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CN
		Dilution Factor: 1	Analysis Time..: 09:10		
Vanadium	98	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CP
		Dilution Factor: 1	Analysis Time..: 09:10		
Zinc	99	(80 - 120)	SW846 6010B	11/18-11/19/10	L99E61CQ
		Dilution Factor: 1	Analysis Time..: 09:10		

LCS Lot-Sample#: C0K190000-115 **Prep Batch #...:** 0323115

Mercury	104	(80 - 120)	SW846 7470A	11/19/10	L99T41AC
		Dilution Factor: 1	Analysis Time..: 17:08		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K180000-426 **Prep Batch #...:** 0322426							
Silver	50.0	50.7	ug/L	101	SW846 6010B	11/18-11/19/10	L99E61A2
			Dilution Factor: 1		Analysis Time..: 09:10		
Aluminum	2000	1970	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61A3
			Dilution Factor: 1		Analysis Time..: 09:10		
Arsenic	2000	1930	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61A4
			Dilution Factor: 1		Analysis Time..: 09:10		
Barium	2000	1960	ug/L	98	SW846 6010B	11/18-11/19/10	L99E61A5
			Dilution Factor: 1		Analysis Time..: 09:10		
Beryllium	50.0	48.7	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61A6
			Dilution Factor: 1		Analysis Time..: 09:10		
Calcium	50000	49500	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61A7
			Dilution Factor: 1		Analysis Time..: 09:10		
Cadmium	50.0	47.8	ug/L	96	SW846 6010B	11/18-11/19/10	L99E61A8
			Dilution Factor: 1		Analysis Time..: 09:10		
Cobalt	500	480	ug/L	96	SW846 6010B	11/18-11/19/10	L99E61A9
			Dilution Factor: 1		Analysis Time..: 09:10		
Chromium	200	195	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61CA
			Dilution Factor: 1		Analysis Time..: 09:10		
Copper	250	247	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61CC
			Dilution Factor: 1		Analysis Time..: 09:10		
Iron	1000	896	ug/L	90	SW846 6010B	11/18-11/19/10	L99E61CD
			Dilution Factor: 1		Analysis Time..: 09:10		
Potassium	50000	47600	ug/L	95	SW846 6010B	11/18-11/19/10	L99E61CE
			Dilution Factor: 1		Analysis Time..: 09:10		
Magnesium	50000	48700	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61CF
			Dilution Factor: 1		Analysis Time..: 09:10		
Manganese	500	481	ug/L	96	SW846 6010B	11/18-11/19/10	L99E61CG
			Dilution Factor: 1		Analysis Time..: 09:10		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	50000	49500	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61CH
			Dilution Factor: 1		Analysis Time..: 09:10		
Nickel	500	476	ug/L	95	SW846 6010B	11/18-11/19/10	L99E61CJ
			Dilution Factor: 1		Analysis Time..: 09:10		
Lead	500	474	ug/L	95	SW846 6010B	11/18-11/19/10	L99E61CK
			Dilution Factor: 1		Analysis Time..: 09:10		
Selenium	2000	1900	ug/L	95	SW846 6010B	11/18-11/19/10	L99E61CL
			Dilution Factor: 1		Analysis Time..: 09:10		
Thallium	2000	1920	ug/L	96	SW846 6010B	11/18-11/19/10	L99E61CM
			Dilution Factor: 1		Analysis Time..: 09:10		
Antimony	500	486	ug/L	97	SW846 6010B	11/18-11/19/10	L99E61CN
			Dilution Factor: 1		Analysis Time..: 09:10		
Vanadium	500	490	ug/L	98	SW846 6010B	11/18-11/19/10	L99E61CP
			Dilution Factor: 1		Analysis Time..: 09:10		
Zinc	500	496	ug/L	99	SW846 6010B	11/18-11/19/10	L99E61CQ
			Dilution Factor: 1		Analysis Time..: 09:10		

LCS Lot-Sample#: C0K190000-115 **Prep Batch #...:** 0323115

Mercury	2.50	2.61	ug/L	104	SW846 7470A	11/19/10	L99T41AC
			Dilution Factor: 1		Analysis Time..: 17:08		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K180000-439 **Prep Batch #...:** 0322439					
Lead	96	(80 - 120)	SW846 6010B	11/18-11/19/10	L99GH1CK
		Dilution Factor: 1	Analysis Time..: 09:53		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K180000-439 **Prep Batch #...:** 0322439							
Lead	50.0	47.8	mg/kg	96	SW846 6010B	11/18-11/19/10	L99GH1CK
		Dilution Factor: 1			Analysis Time..: 09:53		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/04/10 **Date Received..:** 11/05/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K050507-001 **Prep Batch #...:** 0323115							
Mercury	108	(75 - 125)			SW846 7470A	11/19/10	L9L031A6
	106	(75 - 125)	1.9	(0-20)	SW846 7470A	11/19/10	L9L031A7

Dilution Factor: 1
Analysis Time..: 17:15
MS Run #.....: 0323076

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/04/10 **Date Received..:** 11/05/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K050507-001 **Prep Batch #...:** 0323115									
Mercury									
	ND	1.00	1.08	ug/L	108		SW846 7470A	11/19/10	L9L031A6
	ND	1.00	1.06	ug/L	106	1.9	SW846 7470A	11/19/10	L9L031A7

Dilution Factor: 1
Analysis Time..: 17:15
MS Run #.....: 0323076

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K180470-001 **Prep Batch #...:** 0322426							
Silver	98	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1A9
	100	(75 - 125)	1.7	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CA
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Aluminum	269 N	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CC
	246 N	(75 - 125)	3.9	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CD
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Arsenic	94	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CE
	95	(75 - 125)	1.5	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CF
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Barium	97	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CG
	98	(75 - 125)	0.67	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CH
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Beryllium	94	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CJ
	96	(75 - 125)	2.2	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CK
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Calcium	95	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CL
	98	(75 - 125)	1.9	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CM
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Cadmium	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CN
	92	(75 - 125)	0.94	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CP
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	93	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CQ
	94	(75 - 125)	1.4	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CR
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Chromium	95	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CT
	97	(75 - 125)	1.4	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CU
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Copper	99	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CV
	100	(75 - 125)	0.43	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1CW
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Iron	NC	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1CX
	NC	(75 - 125)		(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C0
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Potassium	97	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C1
	98	(75 - 125)	1.6	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C2
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Magnesium	94	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C3
	97	(75 - 125)	2.1	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C4
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Manganese	93	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C5
	97	(75 - 125)	1.0	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C6
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	97	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C7
	100	(75 - 125)	2.0	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1C8
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Nickel	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1C9
	93	(75 - 125)	1.5	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DA
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Lead	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DC
	93	(75 - 125)	0.90	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DD
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Selenium	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DE
	93	(75 - 125)	1.0	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DF
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Thallium	92	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DG
	94	(75 - 125)	1.9	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DH
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Antimony	95	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DJ
	96	(75 - 125)	0.95	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DK
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					
Vanadium	95	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DL
	97	(75 - 125)	1.6	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DM
		Dilution Factor: 1					
		Analysis Time..: 09:32					
		MS Run #.....: 0322257					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	96	(75 - 125)			SW846 6010B	11/18-11/19/10	L98CJ1DN
	97	(75 - 125)	1.1	(0-20)	SW846 6010B	11/18-11/19/10	L98CJ1DP

Dilution Factor: 1
Analysis Time..: 09:32
MS Run #.....: 0322257

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K180470-001 **Prep Batch #...:** 0322426									
Silver									
	1.0	50.0	50.0	ug/L	98		SW846 6010B	11/18-11/19/10	L98CJ1A9
	1.0	50.0	50.9	ug/L	100	1.7	SW846 6010B	11/18-11/19/10	L98CJ1CA
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Aluminum									
	6830	2000	12200 N	ug/L	269		SW846 6010B	11/18-11/19/10	L98CJ1CC
	6830	2000	11700 N	ug/L	246	3.9	SW846 6010B	11/18-11/19/10	L98CJ1CD
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Arsenic									
	5.7	2000	1880	ug/L	94		SW846 6010B	11/18-11/19/10	L98CJ1CE
	5.7	2000	1910	ug/L	95	1.5	SW846 6010B	11/18-11/19/10	L98CJ1CF
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Barium									
	95.4	2000	2040	ug/L	97		SW846 6010B	11/18-11/19/10	L98CJ1CG
	95.4	2000	2050	ug/L	98	0.67	SW846 6010B	11/18-11/19/10	L98CJ1CH
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Beryllium									
	ND	50.0	47.0	ug/L	94		SW846 6010B	11/18-11/19/10	L98CJ1CJ
	ND	50.0	48.0	ug/L	96	2.2	SW846 6010B	11/18-11/19/10	L98CJ1CK
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Calcium									
	44600	50000	92000	ug/L	95		SW846 6010B	11/18-11/19/10	L98CJ1CL
	44600	50000	93800	ug/L	98	1.9	SW846 6010B	11/18-11/19/10	L98CJ1CM
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	0.45	50.0	46.2	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1CN
	0.45	50.0	46.7	ug/L	92	0.94	SW846 6010B	11/18-11/19/10	L98CJ1CP
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Cobalt									
	13.2	500	478	ug/L	93		SW846 6010B	11/18-11/19/10	L98CJ1CQ
	13.2	500	485	ug/L	94	1.4	SW846 6010B	11/18-11/19/10	L98CJ1CR
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Chromium									
	9.1	200	199	ug/L	95		SW846 6010B	11/18-11/19/10	L98CJ1CT
	9.1	200	202	ug/L	97	1.4	SW846 6010B	11/18-11/19/10	L98CJ1CU
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Copper									
	107	250	355	ug/L	99		SW846 6010B	11/18-11/19/10	L98CJ1CV
	107	250	357	ug/L	100	0.43	SW846 6010B	11/18-11/19/10	L98CJ1CW
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Iron									
	17400	1000	18300	ug/L			SW846 6010B	11/18-11/19/10	L98CJ1CX
			Qualifiers: NC						
	17400	1000	18100	ug/L			SW846 6010B	11/18-11/19/10	L98CJ1C0
			Qualifiers: NC						
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Potassium									
	2900	50000	51300	ug/L	97		SW846 6010B	11/18-11/19/10	L98CJ1C1
	2900	50000	52100	ug/L	98	1.6	SW846 6010B	11/18-11/19/10	L98CJ1C2
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	7610	50000	54800	ug/L	94		SW846 6010B	11/18-11/19/10	L98CJ1C3
	7610	50000	56000	ug/L	97	2.1	SW846 6010B	11/18-11/19/10	L98CJ1C4
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Manganese									
	1460	500	1920	ug/L	93		SW846 6010B	11/18-11/19/10	L98CJ1C5
	1460	500	1940	ug/L	97	1.0	SW846 6010B	11/18-11/19/10	L98CJ1C6
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Sodium									
	7330	50000	56000	ug/L	97		SW846 6010B	11/18-11/19/10	L98CJ1C7
	7330	50000	57100	ug/L	100	2.0	SW846 6010B	11/18-11/19/10	L98CJ1C8
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Nickel									
	16.1	500	475	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1C9
	16.1	500	482	ug/L	93	1.5	SW846 6010B	11/18-11/19/10	L98CJ1DA
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Lead									
	73.1	500	532	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1DC
	73.1	500	537	ug/L	93	0.90	SW846 6010B	11/18-11/19/10	L98CJ1DD
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Selenium									
	ND	2000	1850	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1DE
	ND	2000	1870	ug/L	93	1.0	SW846 6010B	11/18-11/19/10	L98CJ1DF
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	2000	1840	ug/L	92		SW846 6010B	11/18-11/19/10	L98CJ1DG
	ND	2000	1880	ug/L	94	1.9	SW846 6010B	11/18-11/19/10	L98CJ1DH
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Antimony									
	ND	500	475	ug/L	95		SW846 6010B	11/18-11/19/10	L98CJ1DJ
	ND	500	479	ug/L	96	0.95	SW846 6010B	11/18-11/19/10	L98CJ1DK
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Vanadium									
	11.0	500	488	ug/L	95		SW846 6010B	11/18-11/19/10	L98CJ1DL
	11.0	500	496	ug/L	97	1.6	SW846 6010B	11/18-11/19/10	L98CJ1DM
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						
Zinc									
	141	500	621	ug/L	96		SW846 6010B	11/18-11/19/10	L98CJ1DN
	141	500	627	ug/L	97	1.1	SW846 6010B	11/18-11/19/10	L98CJ1DP
			Dilution Factor: 1						
			Analysis Time..: 09:32						
			MS Run #.....: 0322257						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/17/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K180480-001 **Prep Batch #...:** 0322439						**% Moisture.....:** 9.9	
Lead	90	(75 - 125)			SW846 6010B	11/18-11/19/10	L98FK1DC
	80	(75 - 125)	4.4	(0-20)	SW846 6010B	11/18-11/19/10	L98FK1DD

Dilution Factor: 0.84
Analysis Time..: 10:48
MS Run #.....: 0322264

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K180470 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/17/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K180480-001 **Prep Batch #...:** 0322439									
								% Moisture.....: 9.9	
Lead									
	9.4	46.6	51.3	mg/kg	90		SW846 6010B	11/18-11/19/10	L98FK1DC
	9.4	49.4	49.1	mg/kg	80	4.4	SW846 6010B	11/18-11/19/10	L98FK1DD
			Dilution Factor: 0.84						
			Analysis Time..: 10:48						
			MS Run #.....: 0322264						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-1-111710

General Chemistry

Lot-Sample #...: C0K180470-001 **Work Order #...:** L98CJ **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)	**18.0**	**5.8**	**mg/L**	**CFR136A 1664A HEM**	**11/19/10**	**0323097**
		Dilution Factor: 1.15		Analysis Time..: 07:05	MS Run #.....:	
Total Dissolved Solids	**165**	**10.0**	**mg/L**	**SM20 2540C**	**11/19/10**	**0323047**
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....: 0323028	
Total Suspended Solids	**231**	**4.0**	**mg/L**	**SM20 2540D**	**11/19/10**	**0323050**
		Dilution Factor: 1		Analysis Time..: 13:15	MS Run #.....: 0323029	

MACTEC Engineering and Consulting Inc

Client Sample ID: WW-2-111710

General Chemistry

Lot-Sample #...: C0K180470-002 **Work Order #...:** L98CN **Matrix.....:** WATER
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)	**17.7**	**5.2**	**mg/L**	**CFR136A 1664A HEM**	**11/19/10**	**0323097**
		Dilution Factor: 1.05		Analysis Time..: 07:05	MS Run #.....:	
Total Dissolved Solids	**166**	**10.0**	**mg/L**	**SM20 2540C**	**11/19/10**	**0323047**
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....: 0323028	
Total Suspended Solids	**62.0**	**4.0**	**mg/L**	**SM20 2540D**	**11/19/10**	**0323050**
		Dilution Factor: 1		Analysis Time..: 13:15	MS Run #.....: 0323029	

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-17-111710

General Chemistry

Lot-Sample #...: C0K180470-003 **Work Order #...:** L98CP **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.2**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322339**
	Dilution Factor: 1			Analysis Time..: 08:21	MS Run #.....: 0322205	

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-18-111710

General Chemistry

Lot-Sample #...: C0K180470-004 **Work Order #...:** L98C2 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**83.7**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322339**

Dilution Factor: 1 Analysis Time..: 08:21 MS Run #.....: 0322205

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-19-111710

General Chemistry

Lot-Sample #...: C0K180470-005 **Work Order #...:** L98C3 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.5**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322339**

Dilution Factor: 1 Analysis Time..: 08:21 MS Run #.....: 0322205

MACTEC Engineering and Consulting Inc

Client Sample ID: CS-20-111710

General Chemistry

Lot-Sample #...: C0K180470-006 **Work Order #...:** L98C6 **Matrix.....:** SOLID
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 25

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**74.5**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322339**

Dilution Factor: 1 Analysis Time..: 08:21 MS Run #.....: 0322205

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)		Work Order #: L99RR1AA		MB Lot-Sample #:	C0K190000-097	
	ND	5.0	mg/L	CFR136A 1664A HEM	11/19/10	0323097
		Dilution Factor: 1				
		Analysis Time..: 07:05				
Total Dissolved Solids		Work Order #: L99N31AA		MB Lot-Sample #:	C0K190000-047	
	ND	10.0	mg/L	SM20 2540C	11/19/10	0323047
		Dilution Factor: 1				
		Analysis Time..: 13:45				
Total Suspended Solids		Work Order #: L99N41AA		MB Lot-Sample #:	C0K190000-050	
	ND	4.0	mg/L	SM20 2540D	11/19/10	0323050
		Dilution Factor: 1				
		Analysis Time..: 13:15				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: C0K180470 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)	WO#:L99RR1AC-LCS/L99RR1AD-LCSD					LCS Lot-Sample#: C0K190000-097	
	90	(78 - 114)			CFR136A 1664A HEM	11/19/10	0323097
	89	(78 - 114)	1.1	(0-18)	CFR136A 1664A HEM	11/19/10	0323097

Dilution Factor: 1 Analysis Time..: 07:05

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: C0K180470 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Oil & Grease (HEM)	WO#:L99RR1AC-LCS/L99RR1AD-LCSD LCS Lot-Sample#: C0K190000-097							
	40.0	36.0	mg/L	90		CFR136A 1664A HEM	11/19/10	0323097
	40.0	35.6	mg/L	89	1.1	CFR136A 1664A HEM	11/19/10	0323097

Dilution Factor: 1 Analysis Time..: 07:05

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: L99N31AC	LCS Lot-Sample#: C0K190000-047		
	83	(80 - 120)	SM20 2540C	11/19/10	0323047
		Dilution Factor: 1	Analysis Time..: 13:45		
Total Suspended Solids		Work Order #: L99N41AC	LCS Lot-Sample#: C0K190000-050		
	94	(80 - 120)	SM20 2540D	11/19/10	0323050
		Dilution Factor: 1	Analysis Time..: 13:15		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: C0K180470 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids			Work Order #: L99N31AC		LCS Lot-Sample#: C0K190000-047		
	295	244	mg/L	83	SM20 2540C	11/19/10	0323047
			Dilution Factor: 1		Analysis Time..: 13:45		
Total Suspended Solids			Work Order #: L99N41AC		LCS Lot-Sample#: C0K190000-050		
	64.0	60.0	mg/L	94	SM20 2540D	11/19/10	0323050
			Dilution Factor: 1		Analysis Time..: 13:15		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K180470 **Work Order #...:** L98CP-SMP **Matrix.....:** SOLID
L98CP-DUP
Date Sampled...: 11/17/10 **Date Received..:** 11/18/10
% Moisture.....: 13

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K180470-003		
	87.2	83.5	%	4.3	(0-20)	SM20 2540G	11/18-11/19/10	0322339

Dilution Factor: 1 Analysis Time..: 08:21 MS Run Number..: 0322205

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K180470 **Work Order #...:** L98CJ-SMP L98CJ-DUP **Matrix.....:** WATER

Date Sampled...: 11/17/10 **Date Received..:** 11/18/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: C0K180470-001		
	165	187	mg/L	12	(0-20)	SM20 2540C	11/19/10	0323047
			Dilution Factor: 1			Analysis Time..: 13:45	MS Run Number..: 0323028	
Total Suspended Solids						SD Lot-Sample #: C0K180470-001		
	231	266	mg/L	14	(0-20)	SM20 2540D	11/19/10	0323050
			Dilution Factor: 1			Analysis Time..: 13:15	MS Run Number..: 0323029	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

TestAmerica Job ID: 180-6030-1
Client Project/Site: Schmigel, Hoosick Falls, NY

For:
AMEC E&I, Inc
700 North Bell Avenue, Suite 200
Carnegie, Pennsylvania 15106

Attn: Eric Weiler

Authorized for release by:
12/7/2011 7:49:25 AM

Carrie Gamber
Project Manager II
carrie.gamber@testamericainc.com

LINKS

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

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

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Job ID: 180-6030-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-6030-1

Receipt
Sample Overpack 10-1111 was marked on the chain of custody for total voas and total lead. The jars received were for waste parameters. Per Rob Crowley, AMEC on November 21, 2011, this sample was analyzed for waste parameters.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
PCBs were not listed on the chain of custody, the analysis was requested on
No analytical or quality issues were noted.

Metals
The following samples were diluted due to the abundance of barium and lead : Overpack-1-111 (180-6030-1 MS) and Overpack-1-1111 (180-6030-1 MSD). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

General Chemistry

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pittsburgh	ACLASS	DoD ELAP		ADE-1422
TestAmerica Pittsburgh	Arkansas	State Program	6	88-0690
TestAmerica Pittsburgh	California	NELAC	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAC	4	E871008
TestAmerica Pittsburgh	Illinois	NELAC	5	002602
TestAmerica Pittsburgh	Kansas	NELAC	7	E-10350
TestAmerica Pittsburgh	Louisiana	NELAC	6	04041
TestAmerica Pittsburgh	New Hampshire	NELAC	1	203011
TestAmerica Pittsburgh	New Jersey	NELAC	2	PA005
TestAmerica Pittsburgh	New York	NELAC	2	11182
TestAmerica Pittsburgh	North Carolina	North Carolina DENR	4	434
TestAmerica Pittsburgh	Pennsylvania	NELAC	3	02-00416
TestAmerica Pittsburgh	Pennsylvania	State Program	3	02-416
TestAmerica Pittsburgh	South Carolina	State Program	4	89014002
TestAmerica Pittsburgh	USDA	USDA		P330-10-00139
TestAmerica Pittsburgh	USDA	USDA		P-Soil-01
TestAmerica Pittsburgh	Utah	NELAC	8	STLP
TestAmerica Pittsburgh	Virginia	NELAC	3	460189
TestAmerica Pittsburgh	West Virginia	West Virginia DEP	3	142
TestAmerica Pittsburgh	Wisconsin	State Program	5	998027800

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Sample Summary

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-6030-1	OVERPACK-1-1111	Solid	11/16/11 09:15	11/18/11 08:00
180-6030-2	OVERPACK-2-1111	Solid	11/16/11 09:30	11/18/11 08:00
180-6030-3	OVERPACK-3-1111	Solid	11/16/11 11:45	11/18/11 08:00
180-6030-4	OVERPACK-4-1111	Solid	11/16/11 13:30	11/18/11 08:00
180-6030-5	OVERPACK-5-1111	Solid	11/16/11 13:45	11/18/11 08:00
180-6030-6	OVERPACK-6-1111	Solid	11/16/11 14:00	11/18/11 08:00
180-6030-7	OVERPACK-7-1111	Solid	11/16/11 14:30	11/18/11 08:00
180-6030-8	OVERPACK-8-1111	Solid	11/16/11 15:00	11/18/11 08:00
180-6030-9	OVERPACK-9-1111	Solid	11/16/11 15:30	11/18/11 08:00
180-6030-10	OVERPACK-10-1111	Solid	11/17/11 10:45	11/18/11 08:00
180-6030-11	CONFIRM-1-1111	Solid	11/17/11 14:30	11/18/11 08:00

Method Summary

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PIT
6010B	Metals (ICP)	SW846	TAL PIT
7470A	Mercury (CVAA)	SW846	TAL PIT
1020B	Ignitability, Small Scale Closed-Cup Method	SW846	TAL PIT
9012A	Cyanide, Total and/or Amenable	SW846	TAL PIT
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL PIT
9095A	Paint Filter	SW846	TAL PIT
Moisture	Percent Moisture	EPA	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-1-1111
Date Collected: 11/16/11 09:15
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 11:59	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 11:59	40
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 11:59	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 11:59	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 11:59	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 11:59	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 11:59	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 11:59	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 11:59	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 11:59	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*80 - 120*		*11/22/11 11:59*	*40*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 123*		*11/22/11 11:59*	*40*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*11/22/11 11:59*	*40*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*11/22/11 11:59*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 14:28	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:28	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 14:28	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 14:28	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 14:28	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 14:28	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:28	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:28	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:28	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 14:28	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 14:28	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*35 - 115*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
Nitrobenzene-d5	*61*		*39 - 115*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
Phenol-d5	*67*		*30 - 118*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
Terphenyl-d14	*74*		*30 - 143*	*11/22/11 05:49*	*11/23/11 14:28*	*1*
2,4,6-Tribromophenol	*72*		*19 - 138*	*11/22/11 05:49*	*11/23/11 14:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50	7.4	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1221	ND		50	9.4	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1232	ND		50	8.5	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1242	ND		50	8.1	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1248	ND		50	4.7	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1254	ND		50	7.0	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1
PCB-1260	ND		50	7.0	ug/Kg	☼	11/30/11 16:40	12/01/11 12:26	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-1-1111

Date Collected: 11/16/11 09:15
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-1

Matrix: Solid
Percent Solids: 33.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*35 - 140*	*11/30/11 16:40*	*12/01/11 12:26*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*35 - 140*	*11/30/11 16:40*	*12/01/11 12:26*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0032**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 19:18	1
Barium	**0.065**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 19:18	1
Cadmium	**0.00015**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 19:18	1
Chromium	**0.0021**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 19:18	1
Lead	**0.018**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 19:18	1
Selenium	**0.0074**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 19:18	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 19:18	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		1.5	0.29	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		88	18	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:36	1
Percent Moisture	**66**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-2-1111

Date Collected: 11/16/11 09:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 17:03	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 17:03	40
2-Butanone (MEK)	**0.48**		0.20	0.043	mg/L			11/22/11 17:03	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 17:03	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 17:03	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 17:03	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 17:03	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 17:03	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 17:03	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 17:03	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/22/11 17:03*	*40*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 123*		*11/22/11 17:03*	*40*
4-Bromofluorobenzene (Surr)	*112*		*75 - 120*		*11/22/11 17:03*	*40*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*11/22/11 17:03*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 14:47	1

Client Sample ID: OVERPACK-2-1111
Date Collected: 11/16/11 09:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:47	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 14:47	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 14:47	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 14:47	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 14:47	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:47	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:47	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 14:47	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 14:47	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 14:47	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*35 - 115*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
Nitrobenzene-d5	*60*		*39 - 115*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
Phenol-d5	*66*		*30 - 118*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 14:47*	*1*
2,4,6-Tribromophenol	*71*		*19 - 138*	*11/22/11 05:49*	*11/23/11 14:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1221	ND		23	4.5	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1232	ND		23	4.0	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1242	ND		23	3.8	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1248	ND		23	2.2	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1254	ND		23	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1
PCB-1260	ND		23	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 12:56*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*35 - 140*	*11/30/11 16:40*	*12/01/11 12:56*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0069**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:07	1
Barium	**0.21**		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:07	1
Cadmium	**0.00054**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:07	1
Chromium	**0.0033**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:07	1
Lead	**0.025**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:07	1
Selenium	**0.0033**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:07	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:07	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.70	0.13	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1

Client Sample ID: OVERPACK-2-1111
Date Collected: 11/16/11 09:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-2
Matrix: Solid
Percent Solids: 70.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		43	8.6	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:37	1
Percent Moisture	**29**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-3-1111
Date Collected: 11/16/11 11:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 17:27	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 17:27	40
2-Butanone (MEK)	**0.15**	**J**	0.20	0.043	mg/L			11/22/11 17:27	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 17:27	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 17:27	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 17:27	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 17:27	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 17:27	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 17:27	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 17:27	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/22/11 17:27*	*40*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 123*		*11/22/11 17:27*	*40*
4-Bromofluorobenzene (Surr)	*112*		*75 - 120*		*11/22/11 17:27*	*40*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*11/22/11 17:27*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 15:07	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:07	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:07	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 15:07	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 15:07	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:07	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:07	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:07	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:07	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 15:07	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 15:07	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*35 - 115*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
2-Fluorophenol	*59*		*20 - 110*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
Nitrobenzene-d5	*59*		*39 - 115*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
Phenol-d5	*63*		*30 - 118*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 15:07*	*1*
2,4,6-Tribromophenol	*67*		*19 - 138*	*11/22/11 05:49*	*11/23/11 15:07*	*1*

Client Sample ID: OVERPACK-3-1111

Date Collected: 11/16/11 11:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-3

Matrix: Solid
Percent Solids: 67.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		24	3.6	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1221	ND		24	4.7	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1232	ND		24	4.2	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1242	ND		24	4.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1248	ND		24	2.3	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1254	ND		24	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1
PCB-1260	ND		24	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*35 - 140*	*11/30/11 16:40*	*12/01/11 13:26*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*35 - 140*	*11/30/11 16:40*	*12/01/11 13:26*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0036**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:13	1
Barium	**0.15**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:13	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:13	1
Chromium	**0.0036**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:13	1
Lead	**0.011**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:13	1
Selenium	**0.0058**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:13	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:13	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.74	0.14	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		44	8.9	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:40	1
Percent Moisture	**33**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-4-1111

Date Collected: 11/16/11 13:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 17:51	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 17:51	40
2-Butanone (MEK)	**0.73**		0.20	0.043	mg/L			11/22/11 17:51	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 17:51	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 17:51	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 17:51	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 17:51	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 17:51	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 17:51	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 17:51	40

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-4-1111
Date Collected: 11/16/11 13:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-4
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/22/11 17:51*	*40*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 123*		*11/22/11 17:51*	*40*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*		*11/22/11 17:51*	*40*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*11/22/11 17:51*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 15:26	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:26	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:26	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 15:26	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 15:26	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:26	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:26	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:26	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:26	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 15:26	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 15:26	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*57*		*35 - 115*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
2-Fluorophenol	*60*		*20 - 110*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
Nitrobenzene-d5	*57*		*39 - 115*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
Phenol-d5	*64*		*30 - 118*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
Terphenyl-d14	*71*		*30 - 143*	*11/22/11 05:49*	*11/23/11 15:26*	*1*
2,4,6-Tribromophenol	*65*		*19 - 138*	*11/22/11 05:49*	*11/23/11 15:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	3.1	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1221	ND		21	4.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1232	ND		21	3.6	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1242	ND		21	3.4	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1248	ND		21	2.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1254	ND		21	3.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1
PCB-1260	ND		21	3.0	ug/Kg	☼	11/30/11 16:40	12/01/11 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 13:55*	*1*
DCB Decachlorobiphenyl (Surr)	*107*		*35 - 140*	*11/30/11 16:40*	*12/01/11 13:55*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:19	1
Barium	**0.13**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:19	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:19	1
Chromium	**0.0018**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:19	1
Lead	ND		0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:19	1
Selenium	**0.0055**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:19	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:19	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-4-1111

Lab Sample ID: 180-6030-4

Date Collected: 11/16/11 13:30

Matrix: Solid

Date Received: 11/18/11 08:00

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.62	0.12	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		38	7.6	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:41	1
Percent Moisture	**20**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-5-1111

Lab Sample ID: 180-6030-5

Date Collected: 11/16/11 13:45

Matrix: Solid

Date Received: 11/18/11 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 18:14	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 18:14	40
2-Butanone (MEK)	**0.24**		0.20	0.043	mg/L			11/22/11 18:14	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 18:14	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 18:14	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 18:14	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 18:14	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 18:14	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 18:14	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 18:14	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*11/22/11 18:14*	*40*
1,2-Dichloroethane-d4 (Surr)	*106*		*62 - 123*		*11/22/11 18:14*	*40*
4-Bromofluorobenzene (Surr)	*113*		*75 - 120*		*11/22/11 18:14*	*40*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*11/22/11 18:14*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 15:46	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:46	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:46	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 15:46	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 15:46	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 15:46	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:46	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:46	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 15:46	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 15:46	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 15:46	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*35 - 115*	*11/22/11 05:49*	*11/23/11 15:46*	*1*

Client Sample ID: OVERPACK-5-1111

Date Collected: 11/16/11 13:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-5
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 15:46*	*1*
Nitrobenzene-d5	*59*		*39 - 115*	*11/22/11 05:49*	*11/23/11 15:46*	*1*
Phenol-d5	*65*		*30 - 118*	*11/22/11 05:49*	*11/23/11 15:46*	*1*
Terphenyl-d14	*74*		*30 - 143*	*11/22/11 05:49*	*11/23/11 15:46*	*1*
2,4,6-Tribromophenol	*68*		*19 - 138*	*11/22/11 05:49*	*11/23/11 15:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	3.0	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1221	ND		20	3.9	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1232	ND		20	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1242	ND		20	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1248	ND		20	1.9	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1254	ND		20	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1
PCB-1260	ND		20	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 14:25*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*35 - 140*	*11/30/11 16:40*	*12/01/11 14:25*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0028**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:25	1
Barium	**0.14**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:25	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:25	1
Chromium	**0.0026**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:25	1
Lead	**0.013**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:25	1
Selenium	**0.0057**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:25	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:25	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.60	0.12	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		37	7.3	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:44	1
Percent Moisture	**19**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-6-1111

Date Collected: 11/16/11 14:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 18:38	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 18:38	40

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-6-1111
Date Collected: 11/16/11 14:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 18:38	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 18:38	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 18:38	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 18:38	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 18:38	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 18:38	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 18:38	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 18:38	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/22/11 18:38*	*40*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 123*		*11/22/11 18:38*	*40*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*11/22/11 18:38*	*40*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/22/11 18:38*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 16:05	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:05	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:05	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 16:05	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 16:05	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:05	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:05	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:05	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:05	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 16:05	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 16:05	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*35 - 115*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
Nitrobenzene-d5	*58*		*39 - 115*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
Phenol-d5	*66*		*30 - 118*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 16:05*	*1*
2,4,6-Tribromophenol	*68*		*19 - 138*	*11/22/11 05:49*	*11/23/11 16:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1221	ND		23	4.4	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1232	ND		23	4.0	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1242	ND		23	3.8	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1248	ND		23	2.2	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1254	ND		23	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1
PCB-1260	ND		23	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 14:54*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*35 - 140*	*11/30/11 16:40*	*12/01/11 14:54*	*1*

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-6-1111

Date Collected: 11/16/11 14:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-6

Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0060	J	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:31	1
Barium	0.21		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:31	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:31	1
Chromium	0.0038	J B	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:31	1
Lead	0.010	J	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:31	1
Selenium	0.0053	J B	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:31	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:31	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	>140				Degrees F			11/19/11 09:56	1
Cyanide, Total	0.28	J	0.70	0.14	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		42	8.5	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	CNF				NONE			11/22/11 10:45	1
Percent Moisture	29		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-7-1111

Date Collected: 11/16/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 19:02	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 19:02	40
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 19:02	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 19:02	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 19:02	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 19:02	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 19:02	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 19:02	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 19:02	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 19:02	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/22/11 19:02*	*40*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 123*		*11/22/11 19:02*	*40*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*11/22/11 19:02*	*40*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*11/22/11 19:02*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 16:25	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:25	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:25	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 16:25	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 16:25	1

Client Sample ID: OVERPACK-7-1111
Date Collected: 11/16/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:25	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:25	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:25	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:25	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 16:25	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 16:25	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*35 - 115*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
2-Fluorophenol	*61*		*20 - 110*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
Nitrobenzene-d5	*60*		*39 - 115*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
Phenol-d5	*63*		*30 - 118*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
Terphenyl-d14	*74*		*30 - 143*	*11/22/11 05:49*	*11/23/11 16:25*	*1*
2,4,6-Tribromophenol	*68*		*19 - 138*	*11/22/11 05:49*	*11/23/11 16:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	3.1	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1221	ND		21	3.9	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1232	ND		21	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1242	ND		21	3.4	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1248	ND		21	1.9	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1254	ND		21	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1
PCB-1260	ND		21	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*106*		*35 - 140*	*11/30/11 16:40*	*12/01/11 15:24*	*1*
DCB Decachlorobiphenyl (Surr)	*105*		*35 - 140*	*11/30/11 16:40*	*12/01/11 15:24*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.034**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:49	1
Barium	**0.13**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:49	1
Cadmium	**0.00049**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:49	1
Chromium	**0.0035**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:49	1
Lead	**0.013**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:49	1
Selenium	**0.0060**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:49	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:49	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.61	0.12	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		37	7.4	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CNF**				NONE			11/22/11 10:46	1
Percent Moisture	**19**		0.10	0.10	%			11/18/11 11:09	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-8-1111
Date Collected: 11/16/11 15:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 19:27	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 19:27	40
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 19:27	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 19:27	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 19:27	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 19:27	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 19:27	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 19:27	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 19:27	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 19:27	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*11/22/11 19:27*	*40*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 123*		*11/22/11 19:27*	*40*
4-Bromofluorobenzene (Surr)	*113*		*75 - 120*		*11/22/11 19:27*	*40*
Dibromofluoromethane (Surr)	*111*		*80 - 120*		*11/22/11 19:27*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 16:44	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:44	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:44	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 16:44	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 16:44	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 16:44	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:44	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:44	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 16:44	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 16:44	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 16:44	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*35 - 115*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
2-Fluorophenol	*62*		*20 - 110*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
Nitrobenzene-d5	*60*		*39 - 115*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
Phenol-d5	*67*		*30 - 118*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 16:44*	*1*
2,4,6-Tribromophenol	*69*		*19 - 138*	*11/22/11 05:49*	*11/23/11 16:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		87	13	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1221	ND		87	17	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1232	ND		87	15	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1242	ND		87	14	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1248	ND		87	8.2	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1254	ND		87	12	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1
PCB-1260	ND		87	12	ug/Kg	☼	11/30/11 16:40	12/01/11 15:54	1

Client Sample ID: OVERPACK-8-1111

Date Collected: 11/16/11 15:00
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-8
Matrix: Solid
Percent Solids: 18.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*35 - 140*	*11/30/11 16:40*	*12/01/11 15:54*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*35 - 140*	*11/30/11 16:40*	*12/01/11 15:54*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.096**		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 20:55	1
Barium	**0.25**		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 20:55	1
Cadmium	**0.023**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 20:55	1
Chromium	**0.0018**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 20:55	1
Lead	**0.020**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 20:55	1
Selenium	**0.0054**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 20:55	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 20:55	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00045**		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	**2.1**	**J**	2.7	0.52	mg/Kg	☼	11/22/11 12:20	11/22/11 14:44	1
Sulfide	ND		160	32	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CFL**				NONE			11/22/11 10:47	1
Percent Moisture	**81**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-9-1111

Date Collected: 11/16/11 15:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.31**		0.20	0.043	mg/L			11/22/11 19:51	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 19:51	40
2-Butanone (MEK)	**0.93**		0.20	0.043	mg/L			11/22/11 19:51	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 19:51	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 19:51	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 19:51	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 19:51	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 19:51	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 19:51	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 19:51	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*80 - 120*		*11/22/11 19:51*	*40*
1,2-Dichloroethane-d4 (Surr)	*106*		*62 - 123*		*11/22/11 19:51*	*40*
4-Bromofluorobenzene (Surr)	*113*		*75 - 120*		*11/22/11 19:51*	*40*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*11/22/11 19:51*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 17:04	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-9-1111
Date Collected: 11/16/11 15:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 17:04	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 17:04	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 17:04	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 17:04	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 17:04	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 17:04	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 17:04	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 17:04	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 17:04	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 17:04	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*35 - 115*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
2-Fluorophenol	*63*		*20 - 110*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
Nitrobenzene-d5	*61*		*39 - 115*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
Phenol-d5	*68*		*30 - 118*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
Terphenyl-d14	*79*		*30 - 143*	*11/22/11 05:49*	*11/23/11 17:04*	*1*
2,4,6-Tribromophenol	*69*		*19 - 138*	*11/22/11 05:49*	*11/23/11 17:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	3.0	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1221	ND		20	3.9	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1232	ND		20	3.5	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1242	ND		20	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1248	ND		20	1.9	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1254	ND		20	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1
PCB-1260	ND		20	2.9	ug/Kg	☼	11/30/11 16:40	12/01/11 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*105*		*35 - 140*	*11/30/11 16:40*	*12/01/11 16:23*	*1*
DCB Decachlorobiphenyl (Surr)	*108*		*35 - 140*	*11/30/11 16:40*	*12/01/11 16:23*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0039**	**J**	0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 21:01	1
Barium	**0.040**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 21:01	1
Cadmium	**0.0011**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 21:01	1
Chromium	**0.0040**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 21:01	1
Lead	**0.022**	**J**	0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 21:01	1
Selenium	**0.0059**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 21:01	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 21:01	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		0.63	0.12	mg/Kg	☼	11/22/11 12:20	11/22/11 14:49	1

Client Sample ID: OVERPACK-9-1111
Date Collected: 11/16/11 15:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-9
Matrix: Solid
Percent Solids: 81.3

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		37	7.3	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	CNF				NONE			11/22/11 10:50	1
Percent Moisture	19		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: OVERPACK-10-1111
Date Collected: 11/17/11 10:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			11/22/11 20:15	40
1,2-Dichloroethane	ND		0.20	0.038	mg/L			11/22/11 20:15	40
2-Butanone (MEK)	ND		0.20	0.043	mg/L			11/22/11 20:15	40
Benzene	ND		0.20	0.040	mg/L			11/22/11 20:15	40
Carbon tetrachloride	ND		0.20	0.043	mg/L			11/22/11 20:15	40
Chlorobenzene	ND		0.20	0.021	mg/L			11/22/11 20:15	40
Chloroform	ND		0.20	0.040	mg/L			11/22/11 20:15	40
Tetrachloroethene	ND		0.20	0.033	mg/L			11/22/11 20:15	40
Trichloroethene	ND		0.20	0.032	mg/L			11/22/11 20:15	40
Vinyl chloride	ND		0.20	0.052	mg/L			11/22/11 20:15	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*11/22/11 20:15*	*40*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 123*		*11/22/11 20:15*	*40*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*11/22/11 20:15*	*40*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*11/22/11 20:15*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:53	11/23/11 17:24	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:53	11/23/11 17:24	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:53	11/23/11 17:24	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:53	11/23/11 17:24	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:53	11/23/11 17:24	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:53	11/23/11 17:24	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:53	11/23/11 17:24	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:53	11/23/11 17:24	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:53	11/23/11 17:24	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:53	11/23/11 17:24	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:53	11/23/11 17:24	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:53	11/23/11 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*35 - 115*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
2-Fluorophenol	*59*		*20 - 110*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
Nitrobenzene-d5	*57*		*39 - 115*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
Phenol-d5	*64*		*30 - 118*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
Terphenyl-d14	*75*		*30 - 143*	*11/22/11 05:53*	*11/23/11 17:24*	*1*
2,4,6-Tribromophenol	*69*		*19 - 138*	*11/22/11 05:53*	*11/23/11 17:24*	*1*

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: OVERPACK-10-1111

Date Collected: 11/17/11 10:45
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-10

Matrix: Solid
Percent Solids: 47.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		35	5.2	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1221	ND		35	6.7	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1232	ND		35	6.0	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1242	ND		35	5.7	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1248	ND		35	3.3	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1254	ND		35	5.0	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1
PCB-1260	ND		35	5.0	ug/Kg	☼	11/30/11 16:40	12/01/11 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*35 - 140*	*11/30/11 16:40*	*12/01/11 16:53*	*1*
DCB Decachlorobiphenyl (Surr)	*110*		*35 - 140*	*11/30/11 16:40*	*12/01/11 16:53*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.57**		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 21:07	1
Barium	**0.11**	**J**	0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 21:07	1
Cadmium	**0.0066**	**J**	0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 21:07	1
Chromium	**0.0026**	**J B**	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 21:07	1
Lead	ND		0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 21:07	1
Selenium	**0.0053**	**J B**	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 21:07	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 21:07	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000063**	**J**	0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	**>140**				Degrees F			11/19/11 09:56	1
Cyanide, Total	ND		1.0	0.20	mg/Kg	☼	11/22/11 12:20	11/22/11 14:49	1
Sulfide	ND		63	13	mg/Kg	☼	11/22/11 14:30	11/22/11 16:15	1
Free Liquid	**CFL**				NONE			11/22/11 10:51	1
Percent Moisture	**53**		0.10	0.10	%			11/18/11 11:09	1

Client Sample ID: CONFIRM-1-1111

Date Collected: 11/17/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-11

Matrix: Solid
Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		18	4.6	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Benzene	ND		4.6	0.62	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Bromodichloromethane	ND		4.6	0.52	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Bromoform	ND		4.6	0.41	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Bromomethane	ND		4.6	0.68	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
2-Butanone (MEK)	ND		4.6	0.81	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Carbon disulfide	ND		4.6	0.47	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Carbon tetrachloride	ND		4.6	0.41	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Chlorobenzene	ND		4.6	0.70	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Chloroethane	ND		4.6	1.4	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: CONFIRM-1-1111
Date Collected: 11/17/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-11
Matrix: Solid
Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		4.6	0.54	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Chloromethane	ND		4.6	0.79	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Dibromochloromethane	ND		4.6	0.65	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1-Dichloroethane	ND		4.6	0.53	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dichloroethane	ND		4.6	0.57	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1-Dichloroethene	ND		4.6	0.78	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dichloropropane	ND		4.6	0.50	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
cis-1,3-Dichloropropene	ND		4.6	0.63	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
trans-1,3-Dichloropropene	ND		4.6	0.55	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Ethylbenzene	ND		4.6	0.59	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
2-Hexanone	ND		4.6	0.64	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Methylene Chloride	**2.6**	**J B**	4.6	0.62	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
4-Methyl-2-pentanone (MIBK)	ND		4.6	0.60	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Styrene	ND		4.6	0.65	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.66	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Tetrachloroethene	ND		4.6	0.63	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1,1-Trichloroethane	ND		4.6	0.45	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1,2-Trichloroethane	ND		4.6	0.77	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Trichloroethene	ND		4.6	0.61	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Vinyl chloride	ND		4.6	0.43	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Xylenes, Total	ND		14	2.1	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Cyclohexane	ND		4.6	0.34	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dibromo-3-Chloropropane	ND		4.6	0.69	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dibromoethane (EDB)	ND		4.6	0.80	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Dichlorodifluoromethane	ND		4.6	0.61	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
cis-1,2-Dichloroethene	ND		4.6	0.65	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
trans-1,2-Dichloroethene	ND		4.6	0.55	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Isopropylbenzene	ND		4.6	0.63	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Methyl acetate	ND		4.6	0.83	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Methylcyclohexane	ND		4.6	0.67	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Methyl tert-butyl ether	ND		4.6	0.69	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Trichlorofluoromethane	ND		4.6	0.85	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6	0.98	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2-Dichlorobenzene	ND		4.6	0.74	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,3-Dichlorobenzene	ND		4.6	0.61	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,4-Dichlorobenzene	ND		4.6	0.59	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
1,2,4-Trichlorobenzene	**1.0**	**J**	4.6	0.81	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1
Toluene	ND		4.6	0.67	ug/Kg	☼	11/29/11 04:03	11/29/11 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*52 - 124*	*11/29/11 04:03*	*11/29/11 09:47*	*1*
Toluene-d8 (Surr)	*94*		*72 - 127*	*11/29/11 04:03*	*11/29/11 09:47*	*1*
4-Bromofluorobenzene (Surr)	*95*		*63 - 120*	*11/29/11 04:03*	*11/29/11 09:47*	*1*
Dibromofluoromethane (Surr)	*99*		*68 - 121*	*11/29/11 04:03*	*11/29/11 09:47*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**14**		0.36	0.17	mg/Kg	☼	11/28/11 11:45	11/29/11 20:32	1

Client: AMEC E&I, Inc
Project/Site: Schmigel, Hoosick Falls, NY

TestAmerica Job ID: 180-6030-1

Client Sample ID: CONFIRM-1-1111
Date Collected: 11/17/11 14:30
Date Received: 11/18/11 08:00

Lab Sample ID: 180-6030-11
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21		0.10	0.10	%			11/18/11 11:09	1

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

Lab Sample ID: LCS 180-21554/6
Matrix: Solid
Analysis Batch: 21554

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.400	0.385		mg/L		96	80 - 120
2-Butanone (MEK)	0.400	0.370		mg/L		92	31 - 139
Carbon tetrachloride	0.400	0.390		mg/L		97	63 - 139
Chlorobenzene	0.400	0.402		mg/L		100	83 - 120
Chloroform	0.400	0.393		mg/L		98	77 - 119
1,2-Dichloroethane	0.400	0.412		mg/L		103	63 - 140
1,1-Dichloroethene	0.400	0.400		mg/L		100	69 - 127
Tetrachloroethene	0.400	0.389		mg/L		97	78 - 126
Trichloroethene	0.400	0.383		mg/L		96	80 - 120
Vinyl chloride	0.400	0.383		mg/L		96	57 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*

Lab Sample ID: MB 180-21936/2-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	5.0	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Bromodichloromethane	ND		5.0	0.56	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Benzene	ND		5.0	0.68	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Bromoform	ND		5.0	0.44	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Bromomethane	ND		5.0	0.74	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
2-Butanone (MEK)	ND		5.0	0.88	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Carbon disulfide	ND		5.0	0.51	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Carbon tetrachloride	ND		5.0	0.45	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Chlorobenzene	ND		5.0	0.76	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Chloroethane	ND		5.0	1.5	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Chloroform	ND		5.0	0.58	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Chloromethane	ND		5.0	0.85	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Dibromochloromethane	ND		5.0	0.71	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1-Dichloroethane	ND		5.0	0.58	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dichloroethane	ND		5.0	0.61	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1-Dichloroethene	ND		5.0	0.85	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dichloropropane	ND		5.0	0.54	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
cis-1,3-Dichloropropene	ND		5.0	0.68	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Ethylbenzene	ND		5.0	0.64	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
2-Hexanone	ND		5.0	0.69	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Methylene Chloride	2.30	J	5.0	0.67	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.65	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Styrene	ND		5.0	0.71	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.72	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Tetrachloroethene	ND		5.0	0.68	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1,1-Trichloroethane	ND		5.0	0.49	ug/Kg		11/29/11 04:03	11/29/11 06:24	1

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

Lab Sample ID: MB 180-21936/2-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.83	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Trichloroethene	ND		5.0	0.66	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Vinyl chloride	ND		5.0	0.47	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Xylenes, Total	ND		15	2.2	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Cyclohexane	ND		5.0	0.37	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.75	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dibromoethane (EDB)	ND		5.0	0.86	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Dichlorodifluoromethane	ND		5.0	0.67	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
cis-1,2-Dichloroethene	ND		5.0	0.70	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
trans-1,2-Dichloroethene	ND		5.0	0.60	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Isopropylbenzene	ND		5.0	0.68	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Methyl acetate	ND		5.0	0.90	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Methylcyclohexane	ND		5.0	0.73	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Methyl tert-butyl ether	ND		5.0	0.75	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Trichlorofluoromethane	ND		5.0	0.92	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2-Dichlorobenzene	ND		5.0	0.80	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,3-Dichlorobenzene	ND		5.0	0.66	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,4-Dichlorobenzene	ND		5.0	0.64	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
1,2,4-Trichlorobenzene	ND		5.0	0.88	ug/Kg		11/29/11 04:03	11/29/11 06:24	1
Toluene	ND		5.0	0.73	ug/Kg		11/29/11 04:03	11/29/11 06:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*52 - 124*	*11/29/11 04:03*	*11/29/11 06:24*	*1*
Toluene-d8 (Surr)	*95*		*72 - 127*	*11/29/11 04:03*	*11/29/11 06:24*	*1*
4-Bromofluorobenzene (Surr)	*92*		*63 - 120*	*11/29/11 04:03*	*11/29/11 06:24*	*1*
Dibromofluoromethane (Surr)	*97*		*68 - 121*	*11/29/11 04:03*	*11/29/11 06:24*	*1*

Lab Sample ID: LCS 180-21936/4-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	53.5		ug/Kg		134	20 - 150
Bromodichloromethane	40.0	44.3		ug/Kg		111	70 - 125
Benzene	40.0	38.5		ug/Kg		96	77 - 120
Bromoform	40.0	47.0		ug/Kg		117	53 - 140
Bromomethane	40.0	41.6		ug/Kg		104	25 - 150
2-Butanone (MEK)	40.0	45.0		ug/Kg		113	35 - 149
Carbon disulfide	40.0	42.2		ug/Kg		105	50 - 127
Carbon tetrachloride	40.0	47.3		ug/Kg		118	69 - 122
Chlorobenzene	40.0	41.4		ug/Kg		103	79 - 120
Chloroethane	40.0	54.5		ug/Kg		136	22 - 150
Chloroform	40.0	42.9		ug/Kg		107	72 - 120
Chloromethane	40.0	35.8		ug/Kg		89	44 - 131
Dibromochloromethane	40.0	45.0		ug/Kg		112	70 - 132
1,1-Dichloroethane	40.0	40.0		ug/Kg		100	66 - 124
1,2-Dichloroethane	40.0	41.1		ug/Kg		103	61 - 127
1,1-Dichloroethene	40.0	42.4		ug/Kg		106	59 - 129

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

Lab Sample ID: LCS 180-21936/4-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	40.0	38.0		ug/Kg		95	72 - 122
cis-1,3-Dichloropropene	40.0	40.1		ug/Kg		100	73 - 120
trans-1,3-Dichloropropene	40.0	43.1		ug/Kg		108	74 - 129
Ethylbenzene	40.0	40.9		ug/Kg		102	78 - 125
2-Hexanone	40.0	50.2		ug/Kg		126	32 - 150
Methylene Chloride	40.0	42.5		ug/Kg		106	58 - 127
4-Methyl-2-pentanone (MIBK)	40.0	39.4		ug/Kg		98	44 - 148
Styrene	40.0	41.3		ug/Kg		103	83 - 129
1,1,2,2-Tetrachloroethane	40.0	39.3		ug/Kg		98	60 - 139
Tetrachloroethene	40.0	43.4		ug/Kg		109	78 - 129
1,1,1-Trichloroethane	40.0	46.7		ug/Kg		117	67 - 126
1,1,2-Trichloroethane	40.0	39.6		ug/Kg		99	70 - 128
Trichloroethene	40.0	39.2		ug/Kg		98	76 - 119
Vinyl chloride	40.0	36.7		ug/Kg		92	63 - 124
Cyclohexane	40.0	40.5		ug/Kg		101	64 - 130
1,2-Dibromo-3-Chloropropane	40.0	39.4		ug/Kg		98	35 - 136
1,2-Dibromoethane (EDB)	40.0	39.7		ug/Kg		99	70 - 131
Dichlorodifluoromethane	40.0	32.8		ug/Kg		82	25 - 150
cis-1,2-Dichloroethene	40.0	40.8		ug/Kg		102	80 - 118
trans-1,2-Dichloroethene	40.0	41.0		ug/Kg		102	77 - 121
Isopropylbenzene	40.0	43.0		ug/Kg		107	70 - 133
Methyl acetate	40.0	35.2		ug/Kg		88	27 - 142
Methylcyclohexane	40.0	39.6		ug/Kg		99	66 - 135
Methyl tert-butyl ether	40.0	40.8		ug/Kg		102	48 - 132
Trichlorofluoromethane	40.0	41.6		ug/Kg		104	20 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	43.4		ug/Kg		109	55 - 130
1,2-Dichlorobenzene	40.0	38.9		ug/Kg		97	71 - 124
1,3-Dichlorobenzene	40.0	39.1		ug/Kg		98	75 - 118
1,4-Dichlorobenzene	40.0	39.2		ug/Kg		98	77 - 116
1,2,4-Trichlorobenzene	40.0	35.9		ug/Kg		90	51 - 136
Toluene	40.0	40.6		ug/Kg		101	78 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*52 - 124*
Toluene-d8 (Surr)	*105*		*72 - 127*
4-Bromofluorobenzene (Surr)	*101*		*63 - 120*
Dibromofluoromethane (Surr)	*109*		*68 - 121*

Lab Sample ID: LCSD 180-21936/6-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	40.0	54.0		ug/Kg		135	20 - 150	1	40
Bromodichloromethane	40.0	42.4		ug/Kg		106	70 - 125	4	21
Benzene	40.0	37.7		ug/Kg		94	77 - 120	2	20
Bromoform	40.0	44.7		ug/Kg		112	53 - 140	5	23
Bromomethane	40.0	39.9		ug/Kg		100	25 - 150	4	40
2-Butanone (MEK)	40.0	42.9		ug/Kg		107	35 - 149	5	36

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

Lab Sample ID: LCSD 180-21936/6-A
Matrix: Solid
Analysis Batch: 21958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21936

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide			40.0	43.4		ug/Kg		109	50 - 127	3	23
Carbon tetrachloride			40.0	48.4		ug/Kg		121	69 - 122	2	22
Chlorobenzene			40.0	39.2		ug/Kg		98	79 - 120	6	20
Chloroethane			40.0	44.1		ug/Kg		110	22 - 150	21	40
Chloroform			40.0	40.7		ug/Kg		102	72 - 120	5	25
Chloromethane			40.0	36.0		ug/Kg		90	44 - 131	1	27
Dibromochloromethane			40.0	43.3		ug/Kg		108	70 - 132	4	20
1,1-Dichloroethane			40.0	39.5		ug/Kg		99	66 - 124	1	23
1,2-Dichloroethane			40.0	39.4		ug/Kg		99	61 - 127	4	23
1,1-Dichloroethene			40.0	42.1		ug/Kg		105	59 - 129	1	25
1,2-Dichloropropane			40.0	36.3		ug/Kg		91	72 - 122	5	20
cis-1,3-Dichloropropene			40.0	38.6		ug/Kg		97	73 - 120	4	20
trans-1,3-Dichloropropene			40.0	40.3		ug/Kg		101	74 - 129	7	20
Ethylbenzene			40.0	39.4		ug/Kg		98	78 - 125	4	21
2-Hexanone			40.0	47.7		ug/Kg		119	32 - 150	5	32
Methylene Chloride			40.0	39.6		ug/Kg		99	58 - 127	7	28
4-Methyl-2-pentanone (MIBK)			40.0	38.5		ug/Kg		96	44 - 148	2	30
Styrene			40.0	39.4		ug/Kg		98	83 - 129	5	20
1,1,2,2-Tetrachloroethane			40.0	38.6		ug/Kg		96	60 - 139	2	24
Tetrachloroethene			40.0	40.2		ug/Kg		101	78 - 129	8	20
1,1,1-Trichloroethane			40.0	46.8		ug/Kg		117	67 - 126	0	31
1,1,2-Trichloroethane			40.0	37.3		ug/Kg		93	70 - 128	6	22
Trichloroethene			40.0	39.8		ug/Kg		100	76 - 119	2	21
Vinyl chloride			40.0	37.6		ug/Kg		94	63 - 124	3	27
Cyclohexane			40.0	42.5		ug/Kg		106	64 - 130	5	21
1,2-Dibromo-3-Chloropropane			40.0	44.4		ug/Kg		111	35 - 136	12	40
1,2-Dibromoethane (EDB)			40.0	38.0		ug/Kg		95	70 - 131	4	20
Dichlorodifluoromethane			40.0	32.3		ug/Kg		81	25 - 150	2	34
cis-1,2-Dichloroethene			40.0	41.2		ug/Kg		103	80 - 118	1	20
trans-1,2-Dichloroethene			40.0	40.8		ug/Kg		102	77 - 121	1	20
Isopropylbenzene			40.0	42.0		ug/Kg		105	70 - 133	2	22
Methyl acetate			40.0	35.3		ug/Kg		88	27 - 142	0	40
Methylcyclohexane			40.0	40.8		ug/Kg		102	66 - 135	3	23
Methyl tert-butyl ether			40.0	40.5		ug/Kg		101	48 - 132	1	36
Trichlorofluoromethane			40.0	37.2		ug/Kg		93	20 - 150	11	40
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	46.0		ug/Kg		115	55 - 130	6	37
1,2-Dichlorobenzene			40.0	38.8		ug/Kg		97	71 - 124	0	22
1,3-Dichlorobenzene			40.0	39.0		ug/Kg		98	75 - 118	0	20
1,4-Dichlorobenzene			40.0	38.4		ug/Kg		96	77 - 116	2	20
1,2,4-Trichlorobenzene			40.0	35.2		ug/Kg		88	51 - 136	2	40
Toluene			40.0	38.9		ug/Kg		97	78 - 124	4	21

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*52 - 124*
Toluene-d8 (Surr)	*100*		*72 - 127*
4-Bromofluorobenzene (Surr)	*96*		*63 - 120*
Dibromofluoromethane (Surr)	*102*		*68 - 121*

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

Lab Sample ID: LB 180-21502/11-A LB
Matrix: Solid
Analysis Batch: 21554

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.050	0.0099	mg/L			11/22/11 11:07	10
2-Butanone (MEK)	ND		0.050	0.011	mg/L			11/22/11 11:07	10
Carbon tetrachloride	ND		0.050	0.011	mg/L			11/22/11 11:07	10
Chlorobenzene	ND		0.050	0.0053	mg/L			11/22/11 11:07	10
Chloroform	ND		0.050	0.010	mg/L			11/22/11 11:07	10
1,2-Dichloroethane	ND		0.050	0.0096	mg/L			11/22/11 11:07	10
1,1-Dichloroethene	ND		0.050	0.011	mg/L			11/22/11 11:07	10
Tetrachloroethene	ND		0.050	0.0082	mg/L			11/22/11 11:07	10
Trichloroethene	ND		0.050	0.0080	mg/L			11/22/11 11:07	10
Vinyl chloride	ND		0.050	0.013	mg/L			11/22/11 11:07	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 123*		*11/22/11 11:07*	*10*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/22/11 11:07*	*10*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*		*11/22/11 11:07*	*10*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*11/22/11 11:07*	*10*

Lab Sample ID: 180-6030-1 MS
Matrix: Solid
Analysis Batch: 21554

Client Sample ID: OVERPACK-1-1111
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		1.60	1.55		mg/L		97	80 - 120
2-Butanone (MEK)	ND		1.60	1.60		mg/L		100	31 - 139
Carbon tetrachloride	ND		1.60	1.68		mg/L		105	63 - 139
Chlorobenzene	ND		1.60	1.61		mg/L		101	83 - 120
Chloroform	ND		1.60	1.60		mg/L		100	77 - 119
1,2-Dichloroethane	ND		1.60	1.67		mg/L		104	63 - 140
1,1-Dichloroethene	ND		1.60	1.66		mg/L		103	69 - 127
Tetrachloroethene	ND		1.60	1.55		mg/L		97	78 - 126
Trichloroethene	ND		1.60	1.54		mg/L		96	80 - 120
Vinyl chloride	ND		1.60	1.62		mg/L		101	57 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*75 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*

Lab Sample ID: 180-6030-1 MSD
Matrix: Solid
Analysis Batch: 21554

Client Sample ID: OVERPACK-1-1111
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		1.60	1.53		mg/L		96	80 - 120	1	20
2-Butanone (MEK)	ND		1.60	1.64		mg/L		102	31 - 139	2	35
Carbon tetrachloride	ND		1.60	1.57		mg/L		98	63 - 139	7	25
Chlorobenzene	ND		1.60	1.60		mg/L		100	83 - 120	0	20
Chloroform	ND		1.60	1.53		mg/L		96	77 - 119	5	20

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

Lab Sample ID: 180-6030-1 MSD
Matrix: Solid
Analysis Batch: 21554

Client Sample ID: OVERPACK-1-1111
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		1.60	1.66		mg/L		104	63 - 140	1	25
1,1-Dichloroethene	ND		1.60	1.55		mg/L		97	69 - 127	7	20
Tetrachloroethene	ND		1.60	1.53		mg/L		95	78 - 126	2	25
Trichloroethene	ND		1.60	1.54		mg/L		96	80 - 120	0	20
Vinyl chloride	ND		1.60	1.47		mg/L		92	57 - 128	10	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 123*
Toluene-d8 (Surr)	*92*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Dibromofluoromethane (Surr)	*93*		*80 - 120*

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

Lab Sample ID: MB 180-21515/1-A
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21515

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 11:56	1
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 11:56	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 11:56	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 11:56	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 11:56	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 11:56	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 11:56	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 11:56	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 11:56	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 11:56	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 11:56	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 11:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*35 - 115*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
2-Fluorophenol	*63*		*20 - 110*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
Nitrobenzene-d5	*59*		*39 - 115*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
Phenol-d5	*68*		*30 - 118*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
Terphenyl-d14	*73*		*30 - 143*	*11/22/11 05:49*	*11/23/11 11:56*	*1*
2,4,6-Tribromophenol	*68*		*19 - 138*	*11/22/11 05:49*	*11/23/11 11:56*	*1*

Lab Sample ID: LCS 180-21515/2-A
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21515

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.250	0.133		mg/L		53	37 - 115
2,4,5-Trichlorophenol	0.250	0.168		mg/L		67	35 - 115
2,4,6-Trichlorophenol	0.250	0.142		mg/L		57	40 - 115
2,4-Dinitrotoluene	0.250	0.146		mg/L		58	40 - 115

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

Lab Sample ID: LCS 180-21515/2-A
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21515

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2-Methylphenol			0.250	0.141		mg/L		57	43 - 115		
Hexachlorobenzene			0.250	0.157		mg/L		63	45 - 115		
Hexachlorobutadiene			0.250	0.134		mg/L		54	42 - 115		
Hexachloroethane			0.250	0.127		mg/L		51	25 - 106		
Nitrobenzene			0.250	0.143		mg/L		57	40 - 115		
Pentachlorophenol			0.250	0.114	J	mg/L		45	16 - 140		
Pyridine			0.250	0.128		mg/L		51	22 - 105		
Methylphenol, 3 & 4			0.500	0.316		mg/L		63	30 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*59*		*35 - 115*
2-Fluorophenol	*55*		*20 - 110*
Nitrobenzene-d5	*55*		*39 - 115*
Phenol-d5	*61*		*30 - 118*
Terphenyl-d14	*74*		*30 - 143*
2,4,6-Tribromophenol	*69*		*19 - 138*

Lab Sample ID: LCSD 180-21515/3-A
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 21515

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.250	0.131		mg/L		52	37 - 115	2	35
2,4,5-Trichlorophenol			0.250	0.156		mg/L		63	35 - 115	7	40
2,4,6-Trichlorophenol			0.250	0.138		mg/L		55	40 - 115	3	37
2,4-Dinitrotoluene			0.250	0.138		mg/L		55	40 - 115	6	42
2-Methylphenol			0.250	0.139		mg/L		56	43 - 115	1	47
Hexachlorobenzene			0.250	0.151		mg/L		60	45 - 115	4	22
Hexachlorobutadiene			0.250	0.129		mg/L		51	42 - 115	4	28
Hexachloroethane			0.250	0.129		mg/L		51	25 - 106	1	38
Nitrobenzene			0.250	0.139		mg/L		55	40 - 115	3	26
Pentachlorophenol			0.250	0.108	J	mg/L		43	16 - 140	5	40
Pyridine			0.250	0.124		mg/L		50	22 - 105	3	40
Methylphenol, 3 & 4			0.500	0.311		mg/L		62	30 - 121	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*56*		*35 - 115*
2-Fluorophenol	*53*		*20 - 110*
Nitrobenzene-d5	*54*		*39 - 115*
Phenol-d5	*60*		*30 - 118*
Terphenyl-d14	*73*		*30 - 143*
2,4,6-Tribromophenol	*67*		*19 - 138*

Lab Sample ID: LB 180-21280/15-B LB
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 21515

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.050	0.0012	mg/L		11/22/11 05:49	11/23/11 12:52	1

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

Lab Sample ID: LB 180-21280/15-B LB
Matrix: Solid
Analysis Batch: 21750

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 21515

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 12:52	1
2,4,6-Trichlorophenol	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 12:52	1
2,4-Dinitrotoluene	ND		0.050	0.0010	mg/L		11/22/11 05:49	11/23/11 12:52	1
2-Methylphenol	ND		0.050	0.0014	mg/L		11/22/11 05:49	11/23/11 12:52	1
Hexachlorobenzene	ND		0.050	0.0011	mg/L		11/22/11 05:49	11/23/11 12:52	1
Hexachlorobutadiene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 12:52	1
Hexachloroethane	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 12:52	1
Nitrobenzene	ND		0.050	0.0013	mg/L		11/22/11 05:49	11/23/11 12:52	1
Pentachlorophenol	ND		0.25	0.0022	mg/L		11/22/11 05:49	11/23/11 12:52	1
Pyridine	ND		0.10	0.00083	mg/L		11/22/11 05:49	11/23/11 12:52	1
Methylphenol, 3 & 4	ND		0.050	0.0027	mg/L		11/22/11 05:49	11/23/11 12:52	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*35 - 115*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
2-Fluorophenol	*61*		*20 - 110*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
Nitrobenzene-d5	*58*		*39 - 115*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
Phenol-d5	*65*		*30 - 118*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
Terphenyl-d14	*71*		*30 - 143*	*11/22/11 05:49*	*11/23/11 12:52*	*1*
2,4,6-Tribromophenol	*66*		*19 - 138*	*11/22/11 05:49*	*11/23/11 12:52*	*1*

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

Lab Sample ID: MB 180-22170/1-A
Matrix: Solid
Analysis Batch: 22431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 22170

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	2.5	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1221	ND		17	3.2	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1232	ND		17	2.9	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1242	ND		17	2.7	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1248	ND		17	1.6	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1254	ND		17	2.4	ug/Kg		11/30/11 16:40	12/01/11 17:22	1
PCB-1260	ND		17	2.4	ug/Kg		11/30/11 16:40	12/01/11 17:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*35 - 140*	*11/30/11 16:40*	*12/01/11 17:22*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*35 - 140*	*11/30/11 16:40*	*12/01/11 17:22*	*1*

Lab Sample ID: LCS 180-22170/2-A
Matrix: Solid
Analysis Batch: 22431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22170

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1330	1320		ug/Kg		99	55 - 130
PCB-1260	1330	1350		ug/Kg		101	54 - 130

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

Lab Sample ID: LCS 180-22170/2-A
Matrix: Solid
Analysis Batch: 22431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22170

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*96*		*35 - 140*
DCB Decachlorobiphenyl (Surr)	*99*		*35 - 140*

Lab Sample ID: LCSD 180-22170/3-A
Matrix: Solid
Analysis Batch: 22431

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 22170

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			1330	1510		ug/Kg		113	55 - 130	13	35
PCB-1260			1330	1500		ug/Kg		112	54 - 130	10	29

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	*111*		*35 - 140*
DCB Decachlorobiphenyl (Surr)	*106*		*35 - 140*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 180-21852/14-A
Matrix: Solid
Analysis Batch: 22209

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 19:00	1
Barium	ND		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 19:00	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 19:00	1
Chromium	ND		0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 19:00	1
Lead	ND		0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 19:00	1
Selenium	ND		0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 19:00	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 19:00	1

Lab Sample ID: LCS 180-21852/15-A
Matrix: Solid
Analysis Batch: 22209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21852

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			2.00	2.15		mg/L		107	80 - 120		
Barium			2.00	1.97		mg/L		99	80 - 120		
Cadmium			0.0500	0.0505		mg/L		101	80 - 120		
Chromium			0.200	0.205		mg/L		102	80 - 120		
Lead			0.500	0.503		mg/L		101	80 - 120		
Selenium			2.00	2.18		mg/L		109	80 - 120		
Silver			0.0500	0.0534		mg/L		107	80 - 120		

Lab Sample ID: MB 180-21862/1-A
Matrix: Solid
Analysis Batch: 22084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.30	0.15	mg/Kg		11/28/11 11:45	11/29/11 18:50	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-21862/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22084 — **Prep Batch: 21862**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	48.8		mg/Kg		98	80 - 120

Lab Sample ID: 180-6212-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22084 — **Prep Batch: 21862**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	9.8		101	101		mg/Kg	☼	90	75 - 125

Lab Sample ID: 180-6212-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22084 — **Prep Batch: 21862**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	9.8		101	99.6		mg/Kg	☼	89	75 - 125	1	20

Lab Sample ID: LB 180-21280/15-D LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0027	mg/L		11/28/11 10:42	11/30/11 19:06	1
Barium	ND		0.20	0.00062	mg/L		11/28/11 10:42	11/30/11 19:06	1
Cadmium	ND		0.050	0.00013	mg/L		11/28/11 10:42	11/30/11 19:06	1
Chromium	0.00101	J	0.050	0.00057	mg/L		11/28/11 10:42	11/30/11 19:06	1
Lead	ND		0.050	0.0013	mg/L		11/28/11 10:42	11/30/11 19:06	1
Selenium	0.00637	J	0.050	0.0030	mg/L		11/28/11 10:42	11/30/11 19:06	1
Silver	ND		0.050	0.00068	mg/L		11/28/11 10:42	11/30/11 19:06	1

Lab Sample ID: 180-6030-1 MS — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0032	J	5.00	5.46		mg/L		109	75 - 125
Cadmium	0.00015	J	1.00	1.05		mg/L		105	75 - 125
Chromium	0.0021	J B	5.00	5.15		mg/L		103	75 - 125
Selenium	0.0074	J B	1.00	1.10		mg/L		110	75 - 125
Silver	ND		1.00	1.05		mg/L		105	75 - 125

Lab Sample ID: 180-6030-1 MS — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	0.065	J	50.0	49.5		mg/L		99	75 - 125
Lead	0.018	J	5.00	5.34		mg/L		106	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 180-6030-1 MSD — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0032	J	5.00	5.51		mg/L		110	75 - 125	1	20
Cadmium	0.00015	J	1.00	1.06		mg/L		106	75 - 125	1	20
Chromium	0.0021	J B	5.00	5.18		mg/L		104	75 - 125	1	20
Selenium	0.0074	J B	1.00	1.12		mg/L		112	75 - 125	2	20
Silver	ND		1.00	1.06		mg/L		106	75 - 125	1	20

Lab Sample ID: 180-6030-1 MSD — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 22209 — **Prep Batch: 21852**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.065	J	50.0	50.6		mg/L		101	75 - 125	2	20
Lead	0.018	J	5.00	5.44		mg/L		108	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 180-21717/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:08	1

Lab Sample ID: LCS 180-21717/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00250	0.00267		mg/L		107	80 - 120

Lab Sample ID: LB 180-21280/15-C LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000038	mg/L		11/23/11 09:10	11/23/11 15:10	1

Lab Sample ID: 180-6030-1 MS — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00500	0.00539		mg/L		108	75 - 125

Lab Sample ID: 180-6030-1 MSD — **Client Sample ID: OVERPACK-1-1111**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 21826 — **Prep Batch: 21717**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00500	0.00520		mg/L		104	75 - 125	4	20

Method: 1020B - Ignitability, Small Scale Closed-Cup Method

Lab Sample ID: 180-6030-10 DU — **Client Sample ID: OVERPACK-10-1111**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21315

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Ignitability	>140			>140		Degrees F				NC	20

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

Lab Sample ID: MB 180-21565/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.51	0.099	mg/Kg		11/22/11 12:20	11/22/11 14:36	1

Lab Sample ID: HLCS 180-21565/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.250	0.243		mg/Kg		97	90 - 110		

Lab Sample ID: LCS 180-21565/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			53.3	55.4		mg/Kg		104	38 - 162		

Lab Sample ID: LCSD 180-21565/4-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total			53.3	55.4		mg/Kg		104	38 - 162	0	20

Lab Sample ID: LLCS 180-21565/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21599 — **Prep Batch: 21565**

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.0500	0.0526		mg/Kg		105	90 - 110		

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

Lab Sample ID: MB 180-21594/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 21645 — **Prep Batch: 21594**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		30	6.0	mg/Kg		11/22/11 14:30	11/22/11 16:15	1

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

Lab Sample ID: LCS 180-21594/2-A
Matrix: Solid
Analysis Batch: 21645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 21594

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfide			192	173		mg/Kg		90	85 - 115		

Lab Sample ID: 180-6024-B-1-E MS
Matrix: Solid
Analysis Batch: 21645

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 21594

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfide	ND		257	210		mg/Kg	☼	82	75 - 125		

Lab Sample ID: 180-6024-B-1-F MSD
Matrix: Solid
Analysis Batch: 21645

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 21594

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	ND		259	203		mg/Kg	☼	78	75 - 125	3	20

Method: 9095A - Paint Filter

Lab Sample ID: 180-6030-8 DU
Matrix: Solid
Analysis Batch: 21551

Client Sample ID: OVERPACK-8-1111
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Free Liquid	CFL			CFL		NONE				NC	20

Method: Moisture - Percent Moisture

Lab Sample ID: 180-6024-B-1 DU
Matrix: Solid
Analysis Batch: 21217

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	25			22		%				15	20

GC/MS VOA

Leach Batch: 21502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-2	OVERPACK-2-1111	TCLP	Solid	1311	
180-6030-3	OVERPACK-3-1111	TCLP	Solid	1311	
180-6030-4	OVERPACK-4-1111	TCLP	Solid	1311	
180-6030-5	OVERPACK-5-1111	TCLP	Solid	1311	
180-6030-6	OVERPACK-6-1111	TCLP	Solid	1311	
180-6030-7	OVERPACK-7-1111	TCLP	Solid	1311	
180-6030-8	OVERPACK-8-1111	TCLP	Solid	1311	
180-6030-9	OVERPACK-9-1111	TCLP	Solid	1311	
180-6030-10	OVERPACK-10-1111	TCLP	Solid	1311	
LB 180-21502/11-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 21554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	8260B	
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	8260B	
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	8260B	
180-6030-2	OVERPACK-2-1111	TCLP	Solid	8260B	
180-6030-3	OVERPACK-3-1111	TCLP	Solid	8260B	
180-6030-4	OVERPACK-4-1111	TCLP	Solid	8260B	
180-6030-5	OVERPACK-5-1111	TCLP	Solid	8260B	
180-6030-6	OVERPACK-6-1111	TCLP	Solid	8260B	
180-6030-7	OVERPACK-7-1111	TCLP	Solid	8260B	
180-6030-8	OVERPACK-8-1111	TCLP	Solid	8260B	
180-6030-9	OVERPACK-9-1111	TCLP	Solid	8260B	
180-6030-10	OVERPACK-10-1111	TCLP	Solid	8260B	
LB 180-21502/11-A LB	Method Blank	TCLP	Solid	8260B	
LCS 180-21554/6	Lab Control Sample	Total/NA	Solid	8260B	

Prep Batch: 21936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	5035	
LCS 180-21936/4-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 180-21936/6-A	Lab Control Sample Dup	Total/NA	Solid	5035	
MB 180-21936/2-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 21958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	8260B	21936
LCS 180-21936/4-A	Lab Control Sample	Total/NA	Solid	8260B	21936
LCSD 180-21936/6-A	Lab Control Sample Dup	Total/NA	Solid	8260B	21936
MB 180-21936/2-A	Method Blank	Total/NA	Solid	8260B	21936

GC/MS Semi VOA

Leach Batch: 21280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-2	OVERPACK-2-1111	TCLP	Solid	1311	
180-6030-3	OVERPACK-3-1111	TCLP	Solid	1311	

GC/MS Semi VOA (Continued)

Leach Batch: 21280 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-4	OVERPACK-4-1111	TCLP	Solid	1311	
180-6030-5	OVERPACK-5-1111	TCLP	Solid	1311	
180-6030-6	OVERPACK-6-1111	TCLP	Solid	1311	
180-6030-7	OVERPACK-7-1111	TCLP	Solid	1311	
180-6030-8	OVERPACK-8-1111	TCLP	Solid	1311	
180-6030-9	OVERPACK-9-1111	TCLP	Solid	1311	
180-6030-10	OVERPACK-10-1111	TCLP	Solid	1311	
LB 180-21280/15-B LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 21515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	3510C	21280
180-6030-2	OVERPACK-2-1111	TCLP	Solid	3510C	21280
180-6030-3	OVERPACK-3-1111	TCLP	Solid	3510C	21280
180-6030-4	OVERPACK-4-1111	TCLP	Solid	3510C	21280
180-6030-5	OVERPACK-5-1111	TCLP	Solid	3510C	21280
180-6030-6	OVERPACK-6-1111	TCLP	Solid	3510C	21280
180-6030-7	OVERPACK-7-1111	TCLP	Solid	3510C	21280
180-6030-8	OVERPACK-8-1111	TCLP	Solid	3510C	21280
180-6030-9	OVERPACK-9-1111	TCLP	Solid	3510C	21280
180-6030-10	OVERPACK-10-1111	TCLP	Solid	3510C	21280
LB 180-21280/15-B LB	Method Blank	TCLP	Solid	3510C	21280
LCS 180-21515/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 180-21515/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 180-21515/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 21750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	8270C	21515
180-6030-2	OVERPACK-2-1111	TCLP	Solid	8270C	21515
180-6030-3	OVERPACK-3-1111	TCLP	Solid	8270C	21515
180-6030-4	OVERPACK-4-1111	TCLP	Solid	8270C	21515
180-6030-5	OVERPACK-5-1111	TCLP	Solid	8270C	21515
180-6030-6	OVERPACK-6-1111	TCLP	Solid	8270C	21515
180-6030-7	OVERPACK-7-1111	TCLP	Solid	8270C	21515
180-6030-8	OVERPACK-8-1111	TCLP	Solid	8270C	21515
180-6030-9	OVERPACK-9-1111	TCLP	Solid	8270C	21515
180-6030-10	OVERPACK-10-1111	TCLP	Solid	8270C	21515
LB 180-21280/15-B LB	Method Blank	TCLP	Solid	8270C	21515
LCS 180-21515/2-A	Lab Control Sample	Total/NA	Solid	8270C	21515
LCSD 180-21515/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	21515
MB 180-21515/1-A	Method Blank	Total/NA	Solid	8270C	21515

GC Semi VOA

Prep Batch: 22170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	3541	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	3541	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	3541	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	3541	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 22170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	3541	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	3541	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	3541	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	3541	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	3541	
LCS 180-22170/2-A	Lab Control Sample	Total/NA	Solid	3541	
LCSD 180-22170/3-A	Lab Control Sample Dup	Total/NA	Solid	3541	
MB 180-22170/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 22431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	8082	22170
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	8082	22170
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	8082	22170
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	8082	22170
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	8082	22170
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	8082	22170
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	8082	22170
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	8082	22170
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	8082	22170
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	8082	22170
LCS 180-22170/2-A	Lab Control Sample	Total/NA	Solid	8082	22170
LCSD 180-22170/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	22170
MB 180-22170/1-A	Method Blank	Total/NA	Solid	8082	22170

Metals

Leach Batch: 21280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	1311	
180-6030-2	OVERPACK-2-1111	TCLP	Solid	1311	
180-6030-3	OVERPACK-3-1111	TCLP	Solid	1311	
180-6030-4	OVERPACK-4-1111	TCLP	Solid	1311	
180-6030-5	OVERPACK-5-1111	TCLP	Solid	1311	
180-6030-6	OVERPACK-6-1111	TCLP	Solid	1311	
180-6030-7	OVERPACK-7-1111	TCLP	Solid	1311	
180-6030-8	OVERPACK-8-1111	TCLP	Solid	1311	
180-6030-9	OVERPACK-9-1111	TCLP	Solid	1311	
180-6030-10	OVERPACK-10-1111	TCLP	Solid	1311	
LB 180-21280/15-C LB	Method Blank	TCLP	Solid	1311	
LB 180-21280/15-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 21717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	7470A	21280
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	7470A	21280
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	7470A	21280
180-6030-2	OVERPACK-2-1111	TCLP	Solid	7470A	21280

Metals (Continued)

Prep Batch: 21717 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-3	OVERPACK-3-1111	TCLP	Solid	7470A	21280
180-6030-4	OVERPACK-4-1111	TCLP	Solid	7470A	21280
180-6030-5	OVERPACK-5-1111	TCLP	Solid	7470A	21280
180-6030-6	OVERPACK-6-1111	TCLP	Solid	7470A	21280
180-6030-7	OVERPACK-7-1111	TCLP	Solid	7470A	21280
180-6030-8	OVERPACK-8-1111	TCLP	Solid	7470A	21280
180-6030-9	OVERPACK-9-1111	TCLP	Solid	7470A	21280
180-6030-10	OVERPACK-10-1111	TCLP	Solid	7470A	21280
LB 180-21280/15-C LB	Method Blank	TCLP	Solid	7470A	21280
LCS 180-21717/15-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 180-21717/14-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 21826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	7470A	21717
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	7470A	21717
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	7470A	21717
180-6030-2	OVERPACK-2-1111	TCLP	Solid	7470A	21717
180-6030-3	OVERPACK-3-1111	TCLP	Solid	7470A	21717
180-6030-4	OVERPACK-4-1111	TCLP	Solid	7470A	21717
180-6030-5	OVERPACK-5-1111	TCLP	Solid	7470A	21717
180-6030-6	OVERPACK-6-1111	TCLP	Solid	7470A	21717
180-6030-7	OVERPACK-7-1111	TCLP	Solid	7470A	21717
180-6030-8	OVERPACK-8-1111	TCLP	Solid	7470A	21717
180-6030-9	OVERPACK-9-1111	TCLP	Solid	7470A	21717
180-6030-10	OVERPACK-10-1111	TCLP	Solid	7470A	21717
LB 180-21280/15-C LB	Method Blank	TCLP	Solid	7470A	21717
LCS 180-21717/15-A	Lab Control Sample	Total/NA	Solid	7470A	21717
MB 180-21717/14-A	Method Blank	Total/NA	Solid	7470A	21717

Prep Batch: 21852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	3010A	21280
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	3010A	21280
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	3010A	21280
180-6030-2	OVERPACK-2-1111	TCLP	Solid	3010A	21280
180-6030-3	OVERPACK-3-1111	TCLP	Solid	3010A	21280
180-6030-4	OVERPACK-4-1111	TCLP	Solid	3010A	21280
180-6030-5	OVERPACK-5-1111	TCLP	Solid	3010A	21280
180-6030-6	OVERPACK-6-1111	TCLP	Solid	3010A	21280
180-6030-7	OVERPACK-7-1111	TCLP	Solid	3010A	21280
180-6030-8	OVERPACK-8-1111	TCLP	Solid	3010A	21280
180-6030-9	OVERPACK-9-1111	TCLP	Solid	3010A	21280
180-6030-10	OVERPACK-10-1111	TCLP	Solid	3010A	21280
LB 180-21280/15-D LB	Method Blank	TCLP	Solid	3010A	21280
LCS 180-21852/15-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 180-21852/14-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 21862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	3050B	
180-6212-A-2-B MS	Matrix Spike	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 21862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6212-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
LCS 180-21862/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 180-21862/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 22084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	6010B	21862
180-6212-A-2-B MS	Matrix Spike	Total/NA	Solid	6010B	21862
180-6212-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	21862
LCS 180-21862/2-A	Lab Control Sample	Total/NA	Solid	6010B	21862
MB 180-21862/1-A	Method Blank	Total/NA	Solid	6010B	21862

Analysis Batch: 22209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-1 MS	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-1 MSD	OVERPACK-1-1111	TCLP	Solid	6010B	21852
180-6030-2	OVERPACK-2-1111	TCLP	Solid	6010B	21852
180-6030-3	OVERPACK-3-1111	TCLP	Solid	6010B	21852
180-6030-4	OVERPACK-4-1111	TCLP	Solid	6010B	21852
180-6030-5	OVERPACK-5-1111	TCLP	Solid	6010B	21852
180-6030-6	OVERPACK-6-1111	TCLP	Solid	6010B	21852
180-6030-7	OVERPACK-7-1111	TCLP	Solid	6010B	21852
180-6030-8	OVERPACK-8-1111	TCLP	Solid	6010B	21852
180-6030-9	OVERPACK-9-1111	TCLP	Solid	6010B	21852
180-6030-10	OVERPACK-10-1111	TCLP	Solid	6010B	21852
LB 180-21280/15-D LB	Method Blank	TCLP	Solid	6010B	21852
LCS 180-21852/15-A	Lab Control Sample	Total/NA	Solid	6010B	21852
MB 180-21852/14-A	Method Blank	Total/NA	Solid	6010B	21852

General Chemistry

Analysis Batch: 21217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6024-B-1 DU	Duplicate	Total/NA	Solid	Moisture	
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	Moisture	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	Moisture	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	Moisture	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	Moisture	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	Moisture	
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	Moisture	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	Moisture	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	Moisture	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	Moisture	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	Moisture	
180-6030-11	CONFIRM-1-1111	Total/NA	Solid	Moisture	

Analysis Batch: 21315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	1020B	

General Chemistry (Continued)

Analysis Batch: 21315 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	1020B	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	1020B	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	1020B	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	1020B	
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	1020B	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	1020B	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	1020B	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	1020B	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	1020B	
180-6030-10 DU	OVERPACK-10-1111	Total/NA	Solid	1020B	

Analysis Batch: 21551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9095A	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9095A	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9095A	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9095A	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9095A	
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9095A	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9095A	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9095A	
180-6030-8 DU	OVERPACK-8-1111	Total/NA	Solid	9095A	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9095A	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9095A	

Prep Batch: 21565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9012A	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9012A	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9012A	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9012A	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9012A	
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9012A	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9012A	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9012A	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9012A	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9012A	
HLCS 180-21565/2-A	Lab Control Sample	Total/NA	Solid	9012A	
LCS 180-21565/3-A	Lab Control Sample	Total/NA	Solid	9012A	
LCSD 180-21565/4-A	Lab Control Sample Dup	Total/NA	Solid	9012A	
LLCS 180-21565/1-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 180-21565/5-A	Method Blank	Total/NA	Solid	9012A	

Prep Batch: 21594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6024-B-1-E MS	Matrix Spike	Total/NA	Solid	9030B	
180-6024-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	9030B	
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9030B	
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9030B	
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9030B	
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9030B	
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9030B	

General Chemistry (Continued)

Prep Batch: 21594 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9030B	
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9030B	
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9030B	
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9030B	
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9030B	
LCS 180-21594/2-A	Lab Control Sample	Total/NA	Solid	9030B	
MB 180-21594/1-A	Method Blank	Total/NA	Solid	9030B	

Analysis Batch: 21599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9012A	21565
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9012A	21565
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9012A	21565
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9012A	21565
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9012A	21565
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9012A	21565
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9012A	21565
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9012A	21565
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9012A	21565
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9012A	21565
HLCS 180-21565/2-A	Lab Control Sample	Total/NA	Solid	9012A	21565
LCS 180-21565/3-A	Lab Control Sample	Total/NA	Solid	9012A	21565
LCSD 180-21565/4-A	Lab Control Sample Dup	Total/NA	Solid	9012A	21565
LLCS 180-21565/1-A	Lab Control Sample	Total/NA	Solid	9012A	21565
MB 180-21565/5-A	Method Blank	Total/NA	Solid	9012A	21565

Analysis Batch: 21645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-6024-B-1-E MS	Matrix Spike	Total/NA	Solid	9034	21594
180-6024-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	9034	21594
180-6030-1	OVERPACK-1-1111	Total/NA	Solid	9034	21594
180-6030-2	OVERPACK-2-1111	Total/NA	Solid	9034	21594
180-6030-3	OVERPACK-3-1111	Total/NA	Solid	9034	21594
180-6030-4	OVERPACK-4-1111	Total/NA	Solid	9034	21594
180-6030-5	OVERPACK-5-1111	Total/NA	Solid	9034	21594
180-6030-6	OVERPACK-6-1111	Total/NA	Solid	9034	21594
180-6030-7	OVERPACK-7-1111	Total/NA	Solid	9034	21594
180-6030-8	OVERPACK-8-1111	Total/NA	Solid	9034	21594
180-6030-9	OVERPACK-9-1111	Total/NA	Solid	9034	21594
180-6030-10	OVERPACK-10-1111	Total/NA	Solid	9034	21594
LCS 180-21594/2-A	Lab Control Sample	Total/NA	Solid	9034	21594
MB 180-21594/1-A	Method Blank	Total/NA	Solid	9034	21594

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180-6030

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Pittsburgh, PA

Regulatory program: ☐ DW ☒ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

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Address: 800 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-818-5146	Telephone: 412-963-2428	1 of ___ COCs
City/State/Zip: Carnegie, PA 15106	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 412-279-6661		TAT if different from below ___		Walk-in client: ☐
Project Name: Honeywell-Schmigel	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup: ☐
Project Number:	Shipping/Tracking No:			Lab sampling: ☐
PO #				Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	TCLP VOAs	Waste Parameters	Sample Specific Notes / Special Instructions:
Overpack-1-1111	11/16/11	0915				X							X			C	1	1	
Overpack-2-1111		0930				X							X			C	1	1	
Overpack-3-1111		1145				X							X			C	1	1	
Overpack-4-1111		1330				X							X			C	1	1	
Overpack-5-1111		1345				X							X			C	1	1	
Overpack-6-1111		1400				X							X			C	1	1	
Overpack-7-1111		1430				X							X			C	1	1	
Overpack-8-1111		1500				X							X			C	1	1	
Overpack-9-1111		1530				X							X			C	1	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☐ Disposal By Lab ☐ Archive For ___ Months

Special Instructions/QC Requirements & Comments:
Waste Parameters analyzed for: TCLP SVOCs, TCLP Metals, TCLP Mercury, Paint Filter, Ignitability, Sulfide and Cyanide

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	AMEC	11/16/11	Fed Ex 898732228817		11/17/11
Relinquished by:	Company:	Date/Time:	Received by: [signature]	Company: TAT	Date/Time: 11/18/11 8:00
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TAL 0018- 1 (04/10)

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.2 (2)

Chain of Custody Record

TestAmerica Laboratory location: Pittsburgh, PA

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: AMEC	Rob Crowley	Eric Weiler	Carrie Gamber	027359
Address: 800 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-818-5146	Telephone: 412-963-2428	1 of 1 COCs
City/State/Zip: Carnegie, PA 15106	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 412-279-6661		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: HW-Schmiegel	Method of Shipment/Carrier: Fed Ex			Job/SDG No:
Project Number:	Shipping/Tracking No:			
PO#				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs	Lead	Sample Specific Notes / Special Instructions:
Overpack-10-1111	11/17/11	1045				X							X			G	1	1	
Confirm-1-1111	11/17/11	1430				X							X			G	1	1	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

	Company:	Date/Time:		Company:	Date/Time:
Relinquished by:	AMEC	11/17/11 1700	Received by: 8981 3222 8791	Fed Ex	11/17/11 1700
Relinquished by:	Company:	Date/Time:	Received by:	Company: TA PITT	Date/Time: 11/18/11 800
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TAL 0018-1 (04/10)

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FedEx Express **NEW Package US Airbill**

FedEx Tracking Number 8987 3222 8791

0200 Form ID No.

FedEx Retrieval Copy

1 From

Date 11/17/11

Sender's Name Eric Weiler Phone 412 818-5146

Company AMEC

Address 300 N. Bell Ave. Suite 200 Dept./Floor/Suite/Room

City Carnegie State PA ZIP 15106

2 Your Internal Billing Reference

3 To

Recipient's Name Sample Recieving Phone 412 463-2428

Company Test America

Address 301 Alpha Drive Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Pittsburgh State PA ZIP 15238

01 ☐ HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

31 ☐ HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8987 3222 8791

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

06 ☒ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

01 ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

05 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

49 ☐ NEW FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.

03 ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

06 ☐ FedEx Envelope* 02 ☐ FedEx Pak* 03 ☐ FedEx Box 04 ☐ FedEx Tube 01 ☒ Other

6 Special Handling and Delivery Signature Options

03 ☐ SATURDAY DELIVERY

☒ No Signature Required — Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

34 ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No 04 ☐ Yes As per attached Shipper's Declaration ☐ Yes Shipper's Declaration not required. 06 ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

1 ☒ Sender Acct. No. in Section 1 will be billed 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

Total Packages 1 Total Weight 6 lbs. Credit Card Auth.

612

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

FedEx Express **NEW Package US Airbill**

FedEx Tracking Number 8987 3222 8817

0200 Form ID No.

FedEx Retrieval Copy

1 From

Date 11/17/11

Sender's Name Eric Weiler Phone 412 818-5146

Company AMEC

Address 800 N. Bell Ave. Suite 200

Dept./Floor/Suite/Room

City Carnegie State PA ZIP 15106

2 Your Internal Billing Reference

3 To

Recipient's Name Sample Receiving Phone 412 963-2420

Company Test America

Address 301 Alpha Drive

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Pittsburgh State PA ZIP 15238

01 ☐ HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

31 ☐ HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

06 ☒ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

01 ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

05 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

49 ☐ NEW FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.

03 ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

06 ☐ FedEx Envelope* 02 ☐ FedEx Pak* 03 ☐ FedEx Box 04 ☐ FedEx Tube 01 ☐ Other

6 Special Handling and Delivery Signature Options

03 ☐ **SATURDAY DELIVERY**

☒ No Signature Required — Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

34 ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

☒ No 04 ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. 06 ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. ☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

1 ☒ Sender Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

Total Packages 1 Total Weight 27 lbs. Credit Card Auth.

*Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

612

fedex.com 1.800.GoFedEx 1.800.463.3339

Login Sample Receipt Checklist

Client: AMEC E&I, Inc

Job Number: 180-6030-1

Login Number: 6030

List Number: 1

Creator: O'Donnell, Brandon R

List Source: TestAmerica Pittsburgh

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

APPENDIX G

Laboratory Analytical Reports & Delivery Documentation – Backfill

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0K170472

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

November 19, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K170472

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 17, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

Metals:
The method blank had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
There were no problems associated with the analysis.

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: MACTEC	Client Project Manager: Rob Crowley	Site Contact: Chris Hortert	Lab Contact: Carrie Gamber
Address: 800 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-596-6975	Telephone: 412-963-2428
City/State/Zip: Pittsburgh Pa 15106	Email: rccrowley@mactec.com		
Phone: 412-279-6661		TAT if different from below: ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day	
Project Name: Hw Schmigel	Method of Shipment/Carrier: Fed ex		
Project Number:	Shipping/Tracking No:		
PO#			

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Preservation: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	# of Containers	Analyses: TCLP VOC	TCLP SVOC Acids TCLP Pest, PCB	TAL 6 METALS	TCL VOA/P	Sample Specific Notes / Special Instructions:
BF-01-111610	11/16/10	1535				X							X		N 6	1	1	X	X	
BF-02-111610	↓	1540				X							X		N 6	1	1	↓	↓	
BF-03-111610		1545				X							X		N 6	1	1			
BF-04-111610		1550				X							X		N 6	1	1			
BF-05-111610		1555				X							X		N 6	1	1			
BF-06-111610	↓	1600				X							X		N 6	1	1	↓	↓	

per Rob Crowley TAL metals on ave 11/17/10

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Hortert	MACTEC	11/16/10 1700			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA-PIT	11/17/10 10:15

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0K170472

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Total Residue as Percent Solids	SM20 2540G	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K170472

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L96NV	001	BF-01-111610	11/16/10	15:35
L96NX	002	BF-02-111610	11/16/10	15:40
L96N0	003	BF-03-111610	11/16/10	15:45
L96N1	004	BF-04-111610	11/16/10	15:50
L96N2	005	BF-05-111610	11/16/10	15:55
L96N3	006	BF-06-111610	11/16/10	16:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

TOTAL Metals

Lot-Sample #...: C0K170472-001 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0321304						
Silver	**0.10 B**	**0.56**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AC**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Aluminum	**10400 J**	**22.3**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AD**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Arsenic	**4.5**	**1.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AE**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Barium	**38.9 J**	**22.3**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AF**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Beryllium	**0.41 B**	**0.45**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AG**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Calcium	**500 B,J**	**558**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AH**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Cadmium	ND	0.56	mg/kg	SW846 6010B	11/17-11/18/10	L96NV1AJ
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Cobalt	**8.2**	**5.6**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AK**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Chromium	**9.7**	**0.56**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AL**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Copper	**15.8 J**	**2.8**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AM**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Iron	**22200 J**	**11.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AN**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Potassium	**422 B**	**558**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AP**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

TOTAL Metals

Lot-Sample #...: C0K170472-001 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**3350 J**	**558**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AQ**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Manganese	**437 J**	**1.7**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AR**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Sodium	ND	558	mg/kg	SW846 6010B	11/17-11/18/10	L96NV1AT
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Nickel	**16.7**	**4.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AU**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Lead	**9.3**	**0.34**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1AV**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Selenium	ND	0.56	mg/kg	SW846 6010B	11/17-11/18/10	L96NV1AW
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Thallium	ND	1.1	mg/kg	SW846 6010B	11/17-11/18/10	L96NV1AX
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Antimony	ND	1.1	mg/kg	SW846 6010B	11/17-11/18/10	L96NV1A0
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Vanadium	**12.2**	**5.6**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1A1**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	
Zinc	**49.8 J**	**2.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NV1A2**
		Dilution Factor: 0.96		Analysis Time..: 11:06	MS Run #.....: 0321186	

Prep Batch #...: 0322016

Mercury	**0.041**	**0.038**	**mg/kg**	**SW846 7471A**	**11/18/10**	**L96NV1A3**
		Dilution Factor: 1		Analysis Time..: 10:07	MS Run #.....: 0322009	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

TOTAL Metals

Lot-Sample #...: C0K170472-002 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0321304						
Silver	**0.11 B**	**0.35**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AG**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Aluminum	**8350 J**	**14.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AH**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Arsenic	**3.7**	**0.71**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AJ**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Barium	**34.5 J**	**14.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AK**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Beryllium	**0.36**	**0.28**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AL**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Calcium	**417 J**	**353**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AM**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Cadmium	ND	0.35	mg/kg	SW846 6010B	11/17-11/18/10	L96NX1AN
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Cobalt	**6.7**	**3.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AP**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Chromium	**7.8**	**0.35**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AQ**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Copper	**13.8 J**	**1.8**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AR**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Iron	**19800 J**	**7.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AT**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Potassium	**323 B**	**353**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AU**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

TOTAL Metals

Lot-Sample #...: C0K170472-002 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**2350 J**	**353**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AV**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Manganese	**540 J**	**1.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AW**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Sodium	**24.4 B**	**353**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AX**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Nickel	**12.0**	**2.8**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1A0**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Lead	**14.7**	**0.21**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1A1**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Selenium	ND	0.35	mg/kg	SW846 6010B	11/17-11/18/10	L96NX1A2
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Thallium	ND	0.71	mg/kg	SW846 6010B	11/17-11/18/10	L96NX1A3
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Antimony	ND	0.71	mg/kg	SW846 6010B	11/17-11/18/10	L96NX1AA
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Vanadium	**10.1**	**3.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AC**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	
Zinc	**38.2 J**	**1.4**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96NX1AD**
		Dilution Factor: 0.57		Analysis Time..: 11:11	MS Run #.....: 0321186	

Prep Batch #...: 0322016

Mercury	**0.039 B**	**0.041**	**mg/kg**	**SW846 7471A**	**11/18/10**	**L96NX1AE**
		Dilution Factor: 1		Analysis Time..: 10:12	MS Run #.....: 0322009	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

TOTAL Metals

Lot-Sample #...: C0K170472-003 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0321304						
Silver	ND	0.52	mg/kg	SW846 6010B	11/17-11/18/10	L96N01AG
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Aluminum	**10400 J**	**20.9**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AH**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Arsenic	**4.2**	**1.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AJ**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Barium	**46.4 J**	**20.9**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AK**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Beryllium	**0.39 B**	**0.42**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AL**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Calcium	**604 J**	**524**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AM**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Cadmium	ND	0.52	mg/kg	SW846 6010B	11/17-11/18/10	L96N01AN
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Cobalt	**7.4**	**5.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AP**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Chromium	**9.9**	**0.52**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AQ**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Copper	**14.0 J**	**2.6**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AR**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Iron	**20500 J**	**10.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AT**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Potassium	**396 B**	**524**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AU**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

TOTAL Metals

Lot-Sample #...: C0K170472-003 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**2870 J**	**524**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AV**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Manganese	**410 J**	**1.6**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AW**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Sodium	**19.1 B**	**524**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AX**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Nickel	**15.2**	**4.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01A0**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Lead	**9.2**	**0.31**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01A1**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Selenium	ND	0.52	mg/kg	SW846 6010B	11/17-11/18/10	L96N01A2
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L96N01A3
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Antimony	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L96N01AA
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Vanadium	**12.2**	**5.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AC**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	
Zinc	**46.5 J**	**2.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N01AD**
		Dilution Factor: 0.88		Analysis Time..: 10:44	MS Run #.....: 0321186	

Prep Batch #...: 0322016

Mercury	**0.037 B**	**0.039**	**mg/kg**	**SW846 7471A**	**11/18/10**	**L96N01AE**
		Dilution Factor: 1		Analysis Time..: 10:14	MS Run #.....: 0322009	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

TOTAL Metals

Lot-Sample #...: C0K170472-004 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0321304						
Silver	ND	0.52	mg/kg	SW846 6010B	11/17-11/18/10	L96N11AG
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Aluminum	**10400 J**	**21.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AH**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Arsenic	**4.2**	**1.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AJ**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Barium	**37.4 J**	**21.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AK**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Beryllium	**0.37 B**	**0.42**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AL**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Calcium	**459 B,J**	**524**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AM**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Cadmium	ND	0.52	mg/kg	SW846 6010B	11/17-11/18/10	L96N11AN
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Cobalt	**7.6**	**5.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AP**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Chromium	**9.7**	**0.52**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AQ**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Copper	**14.5 J**	**2.6**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AR**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Iron	**21600 J**	**10.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AT**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Potassium	**462 B**	**524**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AU**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

TOTAL Metals

Lot-Sample #...: C0K170472-004 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**3300 J**	**524**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AV**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Manganese	**401 J**	**1.6**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AW**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Sodium	ND	524	mg/kg	SW846 6010B	11/17-11/18/10	L96N11AX
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Nickel	**15.8**	**4.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11A0**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Lead	**9.2**	**0.31**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11A1**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Selenium	ND	0.52	mg/kg	SW846 6010B	11/17-11/18/10	L96N11A2
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L96N11A3
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Antimony	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L96N11AA
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Vanadium	**12.1**	**5.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AC**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	
Zinc	**48.4 J**	**2.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N11AD**
		Dilution Factor: 0.85		Analysis Time..: 10:49	MS Run #.....: 0321186	

Prep Batch #...: 0322016

Mercury	**0.042**	**0.041**	**mg/kg**	**SW846 7471A**	**11/18/10**	**L96N11AE**
		Dilution Factor: 1		Analysis Time..: 10:15	MS Run #.....: 0322009	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

TOTAL Metals

Lot-Sample #...: C0K170472-005 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0321304						
Silver	**0.11 B**	**0.55**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AG**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Aluminum	**10400 J**	**22.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AH**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Arsenic	**4.4**	**1.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AJ**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Barium	**43.5 J**	**22.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AK**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Beryllium	**0.38 B**	**0.44**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AL**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Calcium	**512 B,J**	**551**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AM**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Cadmium	ND	0.55	mg/kg	SW846 6010B	11/17-11/18/10	L96N21AN
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Cobalt	**8.3**	**5.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AP**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Chromium	**9.4**	**0.55**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AQ**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Copper	**14.6 J**	**2.8**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AR**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Iron	**20900 J**	**11.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AT**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Potassium	**408 B**	**551**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AU**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

TOTAL Metals

Lot-Sample #...: C0K170472-005 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**3160 J**	**551**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AV**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Manganese	**547 J**	**1.7**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AW**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Sodium	ND	551	mg/kg	SW846 6010B	11/17-11/18/10	L96N21AX
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Nickel	**15.4**	**4.4**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21A0**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Lead	**8.8**	**0.33**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21A1**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Selenium	ND	0.55	mg/kg	SW846 6010B	11/17-11/18/10	L96N21A2
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Thallium	ND	1.1	mg/kg	SW846 6010B	11/17-11/18/10	L96N21A3
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Antimony	ND	1.1	mg/kg	SW846 6010B	11/17-11/18/10	L96N21AA
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Vanadium	**11.7**	**5.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AC**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	
Zinc	**47.1 J**	**2.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N21AD**
		Dilution Factor: 0.93		Analysis Time..: 10:55	MS Run #.....: 0321186	

Prep Batch #...: 0322016

Mercury	**0.037 B**	**0.039**	**mg/kg**	**SW846 7471A**	**11/18/10**	**L96N21AE**
		Dilution Factor: 1		Analysis Time..: 10:17	MS Run #.....: 0322009	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

TOTAL Metals

Lot-Sample #...: C0K170472-006 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0321304						
Silver	**0.083 B**	**0.51**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AG**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Aluminum	**9760 J**	**20.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AH**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Arsenic	**3.8**	**1.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AJ**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Barium	**43.4 J**	**20.2**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AK**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Beryllium	**0.36 B**	**0.40**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AL**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Calcium	**594 J**	**506**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AM**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Cadmium	ND	0.51	mg/kg	SW846 6010B	11/17-11/18/10	L96N31AN
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Cobalt	**6.9**	**5.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AP**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Chromium	**9.0**	**0.51**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AQ**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Copper	**12.6 J**	**2.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AR**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Iron	**19000 J**	**10.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AT**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Potassium	**391 B**	**506**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AU**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

TOTAL Metals

Lot-Sample #...: C0K170472-006 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**2710 J**	**506**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AV**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Manganese	**391 J**	**1.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AW**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Sodium	ND	506	mg/kg	SW846 6010B	11/17-11/18/10	L96N31AX
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Nickel	**13.7**	**4.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31A0**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Lead	**9.0**	**0.30**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31A1**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Selenium	ND	0.51	mg/kg	SW846 6010B	11/17-11/18/10	L96N31A2
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Thallium	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L96N31A3
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Antimony	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L96N31AA
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Vanadium	**11.4**	**5.1**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AC**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	
Zinc	**43.7 J**	**2.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L96N31AD**
		Dilution Factor: 0.88		Analysis Time..: 11:00	MS Run #.....: 0321186	

Prep Batch #...: 0322016

Mercury	**0.026 B**	**0.038**	**mg/kg**	**SW846 7471A**	**11/18/10**	**L96N31AE**
		Dilution Factor: 1		Analysis Time..: 10:19	MS Run #.....: 0322009	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K170000-304 **Prep Batch #...:** 0321304						
Silver	ND	0.50	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AA
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Aluminum	**1.7 B**	**20.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L97HR1AC**
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Arsenic	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AD
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Barium	**0.10 B**	**20.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L97HR1AE**
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Beryllium	ND	0.40	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AF
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Calcium	**20.8 B**	**500**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L97HR1AG**
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AH
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Cobalt	ND	5.0	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AJ
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Chromium	ND	0.50	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AK
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Copper	**0.77 B**	**2.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L97HR1AL**
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Iron	**3.0 B**	**10.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L97HR1AM**
		Dilution Factor: 1				
		Analysis Time..: 09:27				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	500	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AN
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Magnesium	**5.5 B**	**500**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L97HR1AP**
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Manganese	**0.056 B**	**1.5**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L97HR1AQ**
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Sodium	ND	500	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AR
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Nickel	ND	4.0	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AT
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Lead	ND	0.30	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AU
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Selenium	ND	0.50	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AW
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Thallium	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AX
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Antimony	ND	1.0	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1AV
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Vanadium	ND	5.0	mg/kg	SW846 6010B	11/17-11/18/10	L97HR1A0
		Dilution Factor: 1				
		Analysis Time..: 09:27				
Zinc	**0.74 B**	**2.0**	**mg/kg**	**SW846 6010B**	**11/17-11/18/10**	**L97HR1A1**
		Dilution Factor: 1				
		Analysis Time..: 09:27				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0K180000-016 **Prep Batch #...:** 0322016						
Mercury	ND	0.033	mg/kg	SW846 7471A	11/18/10	L97PX1AA
		Dilution Factor: 1				
		Analysis Time..: 09:44				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K170000-304 **Prep Batch #...:** 0321304					
Silver	98	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1A2
		Dilution Factor: 1	Analysis Time..: 09:33		
Aluminum	95	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1A3
		Dilution Factor: 1	Analysis Time..: 09:33		
Arsenic	92	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1A4
		Dilution Factor: 1	Analysis Time..: 09:33		
Barium	95	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1A5
		Dilution Factor: 1	Analysis Time..: 09:33		
Beryllium	94	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1A6
		Dilution Factor: 1	Analysis Time..: 09:33		
Calcium	97	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1A7
		Dilution Factor: 1	Analysis Time..: 09:33		
Cadmium	93	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1A8
		Dilution Factor: 1	Analysis Time..: 09:33		
Cobalt	93	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1A9
		Dilution Factor: 1	Analysis Time..: 09:33		
Chromium	95	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CA
		Dilution Factor: 1	Analysis Time..: 09:33		
Copper	98	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CC
		Dilution Factor: 1	Analysis Time..: 09:33		
Iron	90	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CD
		Dilution Factor: 1	Analysis Time..: 09:33		
Potassium	91	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CE
		Dilution Factor: 1	Analysis Time..: 09:33		
Magnesium	94	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CF
		Dilution Factor: 1	Analysis Time..: 09:33		
Manganese	93	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CG
		Dilution Factor: 1	Analysis Time..: 09:33		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	95	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CH
		Dilution Factor: 1	Analysis Time..: 09:33		
Nickel	93	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CJ
		Dilution Factor: 1	Analysis Time..: 09:33		
Lead	92	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CK
		Dilution Factor: 1	Analysis Time..: 09:33		
Selenium	90	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CM
		Dilution Factor: 1	Analysis Time..: 09:33		
Thallium	92	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CN
		Dilution Factor: 1	Analysis Time..: 09:33		
Antimony	93	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CL
		Dilution Factor: 1	Analysis Time..: 09:33		
Vanadium	95	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CP
		Dilution Factor: 1	Analysis Time..: 09:33		
Zinc	97	(80 - 120)	SW846 6010B	11/17-11/18/10	L97HR1CQ
		Dilution Factor: 1	Analysis Time..: 09:33		

LCS Lot-Sample#: C0K180000-016 **Prep Batch #...:** 0322016

Mercury	95	(80 - 120)	SW846 7471A	11/18/10	L97PX1AC
		Dilution Factor: 1	Analysis Time..: 09:46		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0K170000-304 **Prep Batch #...:** 0321304							
Silver	5.00	4.91	mg/kg	98	SW846 6010B	11/17-11/18/10	L97HR1A2
			Dilution Factor: 1		Analysis Time..: 09:33		
Aluminum	200	190	mg/kg	95	SW846 6010B	11/17-11/18/10	L97HR1A3
			Dilution Factor: 1		Analysis Time..: 09:33		
Arsenic	200	185	mg/kg	92	SW846 6010B	11/17-11/18/10	L97HR1A4
			Dilution Factor: 1		Analysis Time..: 09:33		
Barium	200	191	mg/kg	95	SW846 6010B	11/17-11/18/10	L97HR1A5
			Dilution Factor: 1		Analysis Time..: 09:33		
Beryllium	5.00	4.71	mg/kg	94	SW846 6010B	11/17-11/18/10	L97HR1A6
			Dilution Factor: 1		Analysis Time..: 09:33		
Calcium	5000	4850	mg/kg	97	SW846 6010B	11/17-11/18/10	L97HR1A7
			Dilution Factor: 1		Analysis Time..: 09:33		
Cadmium	5.00	4.63	mg/kg	93	SW846 6010B	11/17-11/18/10	L97HR1A8
			Dilution Factor: 1		Analysis Time..: 09:33		
Cobalt	50.0	46.6	mg/kg	93	SW846 6010B	11/17-11/18/10	L97HR1A9
			Dilution Factor: 1		Analysis Time..: 09:33		
Chromium	20.0	19.0	mg/kg	95	SW846 6010B	11/17-11/18/10	L97HR1CA
			Dilution Factor: 1		Analysis Time..: 09:33		
Copper	25.0	24.5	mg/kg	98	SW846 6010B	11/17-11/18/10	L97HR1CC
			Dilution Factor: 1		Analysis Time..: 09:33		
Iron	100	90.1	mg/kg	90	SW846 6010B	11/17-11/18/10	L97HR1CD
			Dilution Factor: 1		Analysis Time..: 09:33		
Potassium	5000	4530	mg/kg	91	SW846 6010B	11/17-11/18/10	L97HR1CE
			Dilution Factor: 1		Analysis Time..: 09:33		
Magnesium	5000	4700	mg/kg	94	SW846 6010B	11/17-11/18/10	L97HR1CF
			Dilution Factor: 1		Analysis Time..: 09:33		
Manganese	50.0	46.7	mg/kg	93	SW846 6010B	11/17-11/18/10	L97HR1CG
			Dilution Factor: 1		Analysis Time..: 09:33		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	5000	4750	mg/kg	95	SW846 6010B	11/17-11/18/10	L97HR1CH
			Dilution Factor: 1		Analysis Time..: 09:33		
Nickel	50.0	46.5	mg/kg	93	SW846 6010B	11/17-11/18/10	L97HR1CJ
			Dilution Factor: 1		Analysis Time..: 09:33		
Lead	50.0	46.1	mg/kg	92	SW846 6010B	11/17-11/18/10	L97HR1CK
			Dilution Factor: 1		Analysis Time..: 09:33		
Selenium	200	180	mg/kg	90	SW846 6010B	11/17-11/18/10	L97HR1CM
			Dilution Factor: 1		Analysis Time..: 09:33		
Thallium	200	185	mg/kg	92	SW846 6010B	11/17-11/18/10	L97HR1CN
			Dilution Factor: 1		Analysis Time..: 09:33		
Antimony	50.0	46.4	mg/kg	93	SW846 6010B	11/17-11/18/10	L97HR1CL
			Dilution Factor: 1		Analysis Time..: 09:33		
Vanadium	50.0	47.5	mg/kg	95	SW846 6010B	11/17-11/18/10	L97HR1CP
			Dilution Factor: 1		Analysis Time..: 09:33		
Zinc	50.0	48.4	mg/kg	97	SW846 6010B	11/17-11/18/10	L97HR1CQ
			Dilution Factor: 1		Analysis Time..: 09:33		

LCS Lot-Sample#: C0K180000-016 **Prep Batch #...:** 0322016

Mercury	0.417	0.395	mg/kg	95	SW846 7471A	11/18/10	L97PX1AC
			Dilution Factor: 1		Analysis Time..: 09:46		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/16/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K160422-001 **Prep Batch #...:** 0321304						**% Moisture.....:** 11	
Silver	95	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CC
	95	(75 - 125)	7.3	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CD
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Aluminum	NC	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CE
	NC	(75 - 125)		(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CF
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Arsenic	89	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CG
	89	(75 - 125)	7.5	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CH
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Barium	94	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CJ
	94	(75 - 125)	7.1	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CK
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Beryllium	91	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CL
	92	(75 - 125)	6.4	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CM
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Calcium	101	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CN
	100	(75 - 125)	6.1	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CP
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Cadmium	86	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CQ
	86	(75 - 125)	8.1	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CR
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/16/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	90	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CT
	91	(75 - 125)	6.8	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CU
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Chromium	95	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CV
	96	(75 - 125)	5.4	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1CW
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Copper	95	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1CX
	90	(75 - 125)	11	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1C0
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Iron	NC	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1C1
	NC	(75 - 125)		(0-20)	SW846 6010B	11/17-11/18/10	L94KC1C2
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Potassium	94	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1C3
	94	(75 - 125)	7.5	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1C4
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Magnesium	92	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1C5
	97	(75 - 125)	2.7	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1C6
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Manganese	117	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1C7
	136 N	(75 - 125)	4.9	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1C8
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/16/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	94	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1C9
	93	(75 - 125)	8.4	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1DA
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Nickel	89	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1DC
	90	(75 - 125)	6.1	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1DD
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Lead	94	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1DE
	85	(75 - 125)	15	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1DF
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Selenium	87	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1DJ
	87	(75 - 125)	7.6	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1DK
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Thallium	89	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1DL
	89	(75 - 125)	7.6	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1DM
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Antimony	84	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1DG
	83	(75 - 125)	8.3	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1DH
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					
Vanadium	93	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1DN
	95	(75 - 125)	4.4	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1DP
		Dilution Factor: 0.97					
		Analysis Time..: 10:17					
		MS Run #.....: 0321186					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/16/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	91	(75 - 125)			SW846 6010B	11/17-11/18/10	L94KC1DQ
	92	(75 - 125)	5.2	(0-20)	SW846 6010B	11/17-11/18/10	L94KC1DR

Dilution Factor: 0.97
Analysis Time..: 10:17
MS Run #.....: 0321186

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/16/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K160422-001 **Prep Batch #...:** 0321304									
								% Moisture.....: 11	
Silver									
	ND	5.47	5.19	mg/kg	95		SW846 6010B	11/17-11/18/10	L94KC1CC
	ND	5.08	4.82	mg/kg	95	7.3	SW846 6010B	11/17-11/18/10	L94KC1CD
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Aluminum									
	2510	219	3770 NC	mg/kg			SW846 6010B	11/17-11/18/10	L94KC1CE
	2510	203	3740 NC	mg/kg			SW846 6010B	11/17-11/18/10	L94KC1CF
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Arsenic									
	0.63	219	195	mg/kg	89		SW846 6010B	11/17-11/18/10	L94KC1CG
	0.63	203	181	mg/kg	89	7.5	SW846 6010B	11/17-11/18/10	L94KC1CH
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Barium									
	9.6	219	216	mg/kg	94		SW846 6010B	11/17-11/18/10	L94KC1CJ
	9.6	203	201	mg/kg	94	7.1	SW846 6010B	11/17-11/18/10	L94KC1CK
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Beryllium									
	0.17	5.47	5.18	mg/kg	91		SW846 6010B	11/17-11/18/10	L94KC1CL
	0.17	5.08	4.86	mg/kg	92	6.4	SW846 6010B	11/17-11/18/10	L94KC1CM
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Calcium									
	1410	5470	6910	mg/kg	101		SW846 6010B	11/17-11/18/10	L94KC1CN
	1410	5080	6500	mg/kg	100	6.1	SW846 6010B	11/17-11/18/10	L94KC1CP
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/16/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	5.47	4.73	mg/kg	86		SW846 6010B	11/17-11/18/10	L94KC1CQ
	ND	5.08	4.36	mg/kg	86	8.1	SW846 6010B	11/17-11/18/10	L94KC1CR
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Cobalt									
	1.3	54.7	50.6	mg/kg	90		SW846 6010B	11/17-11/18/10	L94KC1CT
	1.3	50.8	47.3	mg/kg	91	6.8	SW846 6010B	11/17-11/18/10	L94KC1CU
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Chromium									
	3.9	21.9	24.8	mg/kg	95		SW846 6010B	11/17-11/18/10	L94KC1CV
	3.9	20.3	23.5	mg/kg	96	5.4	SW846 6010B	11/17-11/18/10	L94KC1CW
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Copper									
	3.7	27.4	29.6	mg/kg	95		SW846 6010B	11/17-11/18/10	L94KC1CX
	3.7	25.4	26.6	mg/kg	90	11	SW846 6010B	11/17-11/18/10	L94KC1C0
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Iron									
	7280	109	7320 NC	mg/kg			SW846 6010B	11/17-11/18/10	L94KC1C1
	7280	102	9260 NC	mg/kg			SW846 6010B	11/17-11/18/10	L94KC1C2
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Potassium									
	166	5470	5310	mg/kg	94		SW846 6010B	11/17-11/18/10	L94KC1C3
	166	5080	4930	mg/kg	94	7.5	SW846 6010B	11/17-11/18/10	L94KC1C4
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/16/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	770	5470	5820	mg/kg	92		SW846 6010B	11/17-11/18/10	L94KC1C5
	770	5080	5670	mg/kg	97	2.7	SW846 6010B	11/17-11/18/10	L94KC1C6
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Manganese									
	38.4	54.7	102	mg/kg	117		SW846 6010B	11/17-11/18/10	L94KC1C7
	38.4	50.8	107 N	mg/kg	136	4.9	SW846 6010B	11/17-11/18/10	L94KC1C8
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Sodium									
	ND	5470	5140	mg/kg	94		SW846 6010B	11/17-11/18/10	L94KC1C9
	ND	5080	4730	mg/kg	93	8.4	SW846 6010B	11/17-11/18/10	L94KC1DA
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Nickel									
	2.5	54.7	51.3	mg/kg	89		SW846 6010B	11/17-11/18/10	L94KC1DC
	2.5	50.8	48.3	mg/kg	90	6.1	SW846 6010B	11/17-11/18/10	L94KC1DD
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Lead									
	7.9	54.7	59.5	mg/kg	94		SW846 6010B	11/17-11/18/10	L94KC1DE
	7.9	50.8	51.3	mg/kg	85	15	SW846 6010B	11/17-11/18/10	L94KC1DF
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Selenium									
	ND	219	190	mg/kg	87		SW846 6010B	11/17-11/18/10	L94KC1DJ
	ND	203	176	mg/kg	87	7.6	SW846 6010B	11/17-11/18/10	L94KC1DK
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/15/10 **Date Received..:** 11/16/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	219	194	mg/kg	89		SW846 6010B	11/17-11/18/10	L94KC1DL
	ND	203	180	mg/kg	89	7.6	SW846 6010B	11/17-11/18/10	L94KC1DM
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Antimony									
	ND	54.7	45.8	mg/kg	84		SW846 6010B	11/17-11/18/10	L94KC1DG
	ND	50.8	42.2	mg/kg	83	8.3	SW846 6010B	11/17-11/18/10	L94KC1DH
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Vanadium									
	8.4	54.7	59.4	mg/kg	93		SW846 6010B	11/17-11/18/10	L94KC1DN
	8.4	50.8	56.9	mg/kg	95	4.4	SW846 6010B	11/17-11/18/10	L94KC1DP
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						
Zinc									
	10.7	54.7	60.8	mg/kg	91		SW846 6010B	11/17-11/18/10	L94KC1DQ
	10.7	50.8	57.7	mg/kg	92	5.2	SW846 6010B	11/17-11/18/10	L94KC1DR
			Dilution Factor: 0.97						
			Analysis Time..: 10:17						
			MS Run #.....: 0321186						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K170472-006 **Prep Batch #...:** 0322016							
						% Moisture.....: 13	
Mercury	102	(75 - 125)			SW846 7471A	11/18/10	L96N31A4
	109	(75 - 125)	5.9	(0-20)	SW846 7471A	11/18/10	L96N31A5

Dilution Factor: 1
Analysis Time..: 10:20
MS Run #.....: 0322009

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C0K170472 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0K170472-006 **Prep Batch #...:** 0322016									
								% Moisture.....: 13	
Mercury									
	0.026	0.192	0.220	mg/kg	102		SW846 7471A	11/18/10	L96N31A4
	0.026	0.192	0.234	mg/kg	109	5.9	SW846 7471A	11/18/10	L96N31A5

Dilution Factor: 1
Analysis Time..: 10:20
MS Run #.....: 0322009

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

General Chemistry

Lot-Sample #...: C0K170472-001 **Work Order #...:** L96NV **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.0**	**1.0**	**%**	**SM20 2540G**	**11/17-11/18/10**	**0321259**

Dilution Factor: 1 Analysis Time..: 08:13 MS Run #.....: 0321156

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

General Chemistry

Lot-Sample #...: C0K170472-002 **Work Order #...:** L96NX **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**80.8**	**1.0**	**%**	**SM20 2540G**	**11/17-11/18/10**	**0321259**

Dilution Factor: 1 Analysis Time..: 08:13 MS Run #.....: 0321156

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

General Chemistry

Lot-Sample #...: C0K170472-003 **Work Order #...:** L96N0 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.0**	**1.0**	**%**	**SM20 2540G**	**11/17-11/18/10**	**0321259**

Dilution Factor: 1 Analysis Time..: 08:13 MS Run #.....: 0321156

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

General Chemistry

Lot-Sample #...: C0K170472-004 **Work Order #...:** L96N1 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**81.1**	**1.0**	**%**	**SM20 2540G**	**11/17-11/18/10**	**0321259**

Dilution Factor: 1 Analysis Time..: 08:13 MS Run #.....: 0321156

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

General Chemistry

Lot-Sample #...: C0K170472-005 **Work Order #...:** L96N2 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.4**	**1.0**	**%**	**SM20 2540G**	**11/17-11/18/10**	**0321259**

Dilution Factor: 1 Analysis Time..: 08:13 MS Run #.....: 0321156

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

General Chemistry

Lot-Sample #...: C0K170472-006 **Work Order #...:** L96N3 **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.0**	**1.0**	**%**	**SM20 2540G**	**11/17-11/18/10**	**0321259**

Dilution Factor: 1 Analysis Time..: 08:13 MS Run #.....: 0321156

SAMPLE DUPLICATE EVALUATION REPORT

TOTAL General Chemistry

Client Lot #...: C0K170472 **Work Order #...:** L9TVX-SMP **Matrix.....:** SOLID
L9TVX-DUP
Date Sampled...: 11/08/10 **Date Received..:** 11/10/10
% Moisture.....: 74 **Leach Date.....:** 11/19/10 **Leach Batch #..:** P032303

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K100532-001		
	25.7	26.2	%	1.9	(0-20)	SM20 2540G	11/17-11/18/10	0321259

Dilution Factor: 1 Analysis Time..: 08:13 MS Run Number..: 0321156

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. MACTECHONEYWELL

Mactec Honeywell Schmigel

Lot #: C0K170477

Rob Crowley

MACTEC Engineering and Consult
700 N Bell Avenue
Carnegie, PA 15106

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

December 2, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW	X
		HW	
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E871008)	WW	X
		HW	X
Illinois – NELAC	(#002319)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#04041)	WW	X
		HW	X
New Hampshire – NELAC	(#203010)	WW	X
		--	--
New Jersey – NELAC	(PA-005)	WW	X
		HW	X
New York – NELAC	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014002)	WW	X
		HW	X
Utah – NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Mactec Engineering & Consulting
Lot #: C0K170477

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on November 17, 2010. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The continuing calibrations had compounds >25%D but they were within expected performance range for the compounds. All results were reported.

GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

Sample BF-02-111610 was analyzed at a dilution due to the sample matrix.

Pesticides:
The matrix spike duplicate of sample BF-05-111610 recovered below the control limit for 4,4'-DDT. The RPD was above the control limit for endrin.

General Chemistry:
There were no problems associated with the analysis.

C0K170477

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: MACTEC	Client Project Manager: Rob Crowley	Site Contact: Chris Hortert	Lab Contact: Carrie Gamber
Address: 400 N. Bell Ave. Suite 200	Telephone: 412-279-6661	Telephone: 412-596-6975	Telephone: 412-963-2428
City/State/Zip: Pittsburgh Pa 15106	Email: recrowley@mactec.com	Analysis Turnaround Time (in BUS days)	COC No: 007616
Phone: 412-279-6661		TAT if different from below _____	_____ of _____ COCs
Project Name: Hw Mchmigel	Method of Shipment/Carrier: Fed ex	☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day	For lab use only: Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Number:	Shipping/Tracking No:		Job/SDG No:
PO #			

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: TCLP VOC	TCLP SVOC, metals, pest, PCB	TAL metals	TCL VOC/SVOC	Sample Specific Notes / Special Instructions:
BF-01-111610	11/16/10	1535				X							X		N	G	1	1	X	4	per Rob Crowley TPH metals on hold 11/17/10
BF-02-111610		1540				X							X		N	G	1	1			
BF-03-111610		1545				X							X		N	G	1	1			
BF-04-111610		1550				X							X		N	G	1	1			
BF-05-111610		1555				X							X		N	G	1	1			
BF-06-111610		1600				X							X		N	G	1	1			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
chris hortert	MACTEC	11/16/10 1700			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA-PH	Date/Time: 11/17/10 10:15

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TAL 0018-1 (04/10)

METHODS SUMMARY

C0K170477

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Organochlorine Pesticides	SW846 8081A	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3541
Total Residue as Percent Solids	SM20 2540G	
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B

References:

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C0K170477

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L96PE	001	BF-01-111610	11/16/10	15:35
L96PH	002	BF-02-111610	11/16/10	15:40
L96PJ	003	BF-03-111610	11/16/10	15:45
L96PL	004	BF-04-111610	11/16/10	15:50
L96PN	005	BF-05-111610	11/16/10	15:55
L96PQ	006	BF-06-111610	11/16/10	16:00
L96PR	007	TRIP BLANK	11/16/10	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-001 **Work Order #...:** L96PE1AE **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 06:32
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	23	ug/kg
Benzene	ND	5.7	ug/kg
Bromodichloromethane	ND	5.7	ug/kg
Bromoform	ND	5.7	ug/kg
Bromomethane	ND	5.7	ug/kg
2-Butanone	ND	5.7	ug/kg
Carbon disulfide	ND	5.7	ug/kg
Carbon tetrachloride	ND	5.7	ug/kg
Chlorobenzene	ND	5.7	ug/kg
Chloroethane	ND	5.7	ug/kg
Chloroform	ND	5.7	ug/kg
Chloromethane	ND	5.7	ug/kg
Cyclohexane	ND	5.7	ug/kg
Dibromochloromethane	ND	5.7	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg
1,2-Dibromoethane	ND	5.7	ug/kg
1,3-Dichlorobenzene	ND	5.7	ug/kg
1,4-Dichlorobenzene	ND	5.7	ug/kg
1,2-Dichlorobenzene	ND	5.7	ug/kg
Dichlorodifluoromethane	ND	5.7	ug/kg
1,1-Dichloroethane	ND	5.7	ug/kg
1,2-Dichloroethane	ND	5.7	ug/kg
1,1-Dichloroethene	ND	5.7	ug/kg
cis-1,2-Dichloroethene	ND	5.7	ug/kg
trans-1,2-Dichloroethene	ND	5.7	ug/kg
1,2-Dichloropropane	ND	5.7	ug/kg
cis-1,3-Dichloropropene	ND	5.7	ug/kg
trans-1,3-Dichloropropene	ND	5.7	ug/kg
Ethylbenzene	ND	5.7	ug/kg
2-Hexanone	ND	5.7	ug/kg
Isopropylbenzene	ND	5.7	ug/kg
Methyl acetate	ND	5.7	ug/kg
Methylene chloride	**2.4 J**	**5.7**	**ug/kg**
Methylcyclohexane	ND	5.7	ug/kg
4-Methyl-2-pentanone	ND	5.7	ug/kg
Methyl tert-butyl ether	ND	5.7	ug/kg
Styrene	ND	5.7	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-001 **Work Order #...:** L96PE1AE **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg
1,2,4-Trichloro-benzene	ND	5.7	ug/kg
Tetrachloroethene	ND	5.7	ug/kg
1,1,1-Trichloroethane	ND	5.7	ug/kg
1,1,2-Trichloroethane	ND	5.7	ug/kg
Trichloroethene	ND	5.7	ug/kg
Trichlorofluoromethane	ND	5.7	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg
Toluene	ND	5.7	ug/kg
Vinyl chloride	ND	5.7	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(52 - 124)
Toluene-d8	108	(72 - 127)
4-Bromofluorobenzene	86	(63 - 120)
Dibromofluoromethane	93	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-002 **Work Order #...:** L96PH1AE **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 08:04
Dilution Factor: 1
% Moisture.....: 21 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ug/kg
Benzene	ND	6.3	ug/kg
Bromodichloromethane	ND	6.3	ug/kg
Bromoform	ND	6.3	ug/kg
Bromomethane	ND	6.3	ug/kg
2-Butanone	ND	6.3	ug/kg
Carbon disulfide	ND	6.3	ug/kg
Carbon tetrachloride	ND	6.3	ug/kg
Chlorobenzene	ND	6.3	ug/kg
Chloroethane	ND	6.3	ug/kg
Chloroform	ND	6.3	ug/kg
Chloromethane	ND	6.3	ug/kg
Cyclohexane	ND	6.3	ug/kg
Dibromochloromethane	ND	6.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg
1,2-Dibromoethane	ND	6.3	ug/kg
1,3-Dichlorobenzene	ND	6.3	ug/kg
1,4-Dichlorobenzene	ND	6.3	ug/kg
1,2-Dichlorobenzene	ND	6.3	ug/kg
Dichlorodifluoromethane	ND	6.3	ug/kg
1,1-Dichloroethane	ND	6.3	ug/kg
1,2-Dichloroethane	ND	6.3	ug/kg
1,1-Dichloroethene	ND	6.3	ug/kg
cis-1,2-Dichloroethene	ND	6.3	ug/kg
trans-1,2-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloropropane	ND	6.3	ug/kg
cis-1,3-Dichloropropene	ND	6.3	ug/kg
trans-1,3-Dichloropropene	ND	6.3	ug/kg
Ethylbenzene	ND	6.3	ug/kg
2-Hexanone	ND	6.3	ug/kg
Isopropylbenzene	ND	6.3	ug/kg
Methyl acetate	ND	6.3	ug/kg
Methylene chloride	**1.4 J**	**6.3**	**ug/kg**
Methylcyclohexane	ND	6.3	ug/kg
4-Methyl-2-pentanone	ND	6.3	ug/kg
Methyl tert-butyl ether	ND	6.3	ug/kg
Styrene	ND	6.3	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-002 **Work Order #...:** L96PH1AE **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg
1,2,4-Trichloro-benzene	ND	6.3	ug/kg
Tetrachloroethene	ND	6.3	ug/kg
1,1,1-Trichloroethane	ND	6.3	ug/kg
1,1,2-Trichloroethane	ND	6.3	ug/kg
Trichloroethene	ND	6.3	ug/kg
Trichlorofluoromethane	ND	6.3	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg
Toluene	ND	6.3	ug/kg
Vinyl chloride	ND	6.3	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	86	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-003 **Work Order #...:** L96PJ1AE **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 08:29
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	23	ug/kg
Benzene	ND	5.8	ug/kg
Bromodichloromethane	ND	5.8	ug/kg
Bromoform	ND	5.8	ug/kg
Bromomethane	ND	5.8	ug/kg
2-Butanone	ND	5.8	ug/kg
Carbon disulfide	ND	5.8	ug/kg
Carbon tetrachloride	ND	5.8	ug/kg
Chlorobenzene	ND	5.8	ug/kg
Chloroethane	ND	5.8	ug/kg
Chloroform	ND	5.8	ug/kg
Chloromethane	ND	5.8	ug/kg
Cyclohexane	ND	5.8	ug/kg
Dibromochloromethane	ND	5.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg
1,2-Dibromoethane	ND	5.8	ug/kg
1,3-Dichlorobenzene	ND	5.8	ug/kg
1,4-Dichlorobenzene	ND	5.8	ug/kg
1,2-Dichlorobenzene	ND	5.8	ug/kg
Dichlorodifluoromethane	ND	5.8	ug/kg
1,1-Dichloroethane	ND	5.8	ug/kg
1,2-Dichloroethane	ND	5.8	ug/kg
1,1-Dichloroethene	ND	5.8	ug/kg
cis-1,2-Dichloroethene	ND	5.8	ug/kg
trans-1,2-Dichloroethene	ND	5.8	ug/kg
1,2-Dichloropropane	ND	5.8	ug/kg
cis-1,3-Dichloropropene	ND	5.8	ug/kg
trans-1,3-Dichloropropene	ND	5.8	ug/kg
Ethylbenzene	ND	5.8	ug/kg
2-Hexanone	ND	5.8	ug/kg
Isopropylbenzene	ND	5.8	ug/kg
Methyl acetate	ND	5.8	ug/kg
Methylene chloride	**1.7 J**	**5.8**	**ug/kg**
Methylcyclohexane	ND	5.8	ug/kg
4-Methyl-2-pentanone	ND	5.8	ug/kg
Methyl tert-butyl ether	ND	5.8	ug/kg
Styrene	ND	5.8	ug/kg

(Continued on next page)

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-003 **Work Order #...:** L96PJ1AE **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg
1,2,4-Trichloro-benzene	ND	5.8	ug/kg
Tetrachloroethene	ND	5.8	ug/kg
1,1,1-Trichloroethane	ND	5.8	ug/kg
1,1,2-Trichloroethane	ND	5.8	ug/kg
Trichloroethene	ND	5.8	ug/kg
Trichlorofluoromethane	ND	5.8	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg
Toluene	ND	5.8	ug/kg
Vinyl chloride	ND	5.8	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	86	(63 - 120)
Dibromofluoromethane	96	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-004 **Work Order #...:** L96PL1AE **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 08:52
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ug/kg
Benzene	ND	6.3	ug/kg
Bromodichloromethane	ND	6.3	ug/kg
Bromoform	ND	6.3	ug/kg
Bromomethane	ND	6.3	ug/kg
2-Butanone	ND	6.3	ug/kg
Carbon disulfide	ND	6.3	ug/kg
Carbon tetrachloride	ND	6.3	ug/kg
Chlorobenzene	ND	6.3	ug/kg
Chloroethane	ND	6.3	ug/kg
Chloroform	ND	6.3	ug/kg
Chloromethane	ND	6.3	ug/kg
Cyclohexane	ND	6.3	ug/kg
Dibromochloromethane	ND	6.3	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg
1,2-Dibromoethane	ND	6.3	ug/kg
1,3-Dichlorobenzene	ND	6.3	ug/kg
1,4-Dichlorobenzene	ND	6.3	ug/kg
1,2-Dichlorobenzene	ND	6.3	ug/kg
Dichlorodifluoromethane	ND	6.3	ug/kg
1,1-Dichloroethane	ND	6.3	ug/kg
1,2-Dichloroethane	ND	6.3	ug/kg
1,1-Dichloroethene	ND	6.3	ug/kg
cis-1,2-Dichloroethene	ND	6.3	ug/kg
trans-1,2-Dichloroethene	ND	6.3	ug/kg
1,2-Dichloropropane	ND	6.3	ug/kg
cis-1,3-Dichloropropene	ND	6.3	ug/kg
trans-1,3-Dichloropropene	ND	6.3	ug/kg
Ethylbenzene	ND	6.3	ug/kg
2-Hexanone	ND	6.3	ug/kg
Isopropylbenzene	ND	6.3	ug/kg
Methyl acetate	ND	6.3	ug/kg
Methylene chloride	**2.3 J**	**6.3**	**ug/kg**
Methylcyclohexane	ND	6.3	ug/kg
4-Methyl-2-pentanone	ND	6.3	ug/kg
Methyl tert-butyl ether	ND	6.3	ug/kg
Styrene	ND	6.3	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-004 **Work Order #...:** L96PL1AE **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg
1,2,4-Trichloro-benzene	ND	6.3	ug/kg
Tetrachloroethene	ND	6.3	ug/kg
1,1,1-Trichloroethane	ND	6.3	ug/kg
1,1,2-Trichloroethane	ND	6.3	ug/kg
Trichloroethene	ND	6.3	ug/kg
Trichlorofluoromethane	ND	6.3	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg
Toluene	ND	6.3	ug/kg
Vinyl chloride	ND	6.3	ug/kg
Xylenes (total)	ND	19	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	86	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-005 **Work Order #...:** L96PN1AE **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 09:16
Dilution Factor: 1
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	24	ug/kg
Benzene	ND	6.0	ug/kg
Bromodichloromethane	ND	6.0	ug/kg
Bromoform	ND	6.0	ug/kg
Bromomethane	ND	6.0	ug/kg
2-Butanone	ND	6.0	ug/kg
Carbon disulfide	ND	6.0	ug/kg
Carbon tetrachloride	ND	6.0	ug/kg
Chlorobenzene	ND	6.0	ug/kg
Chloroethane	ND	6.0	ug/kg
Chloroform	ND	6.0	ug/kg
Chloromethane	ND	6.0	ug/kg
Cyclohexane	ND	6.0	ug/kg
Dibromochloromethane	ND	6.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.0	ug/kg
1,2-Dibromoethane	ND	6.0	ug/kg
1,3-Dichlorobenzene	ND	6.0	ug/kg
1,4-Dichlorobenzene	ND	6.0	ug/kg
1,2-Dichlorobenzene	ND	6.0	ug/kg
Dichlorodifluoromethane	ND	6.0	ug/kg
1,1-Dichloroethane	ND	6.0	ug/kg
1,2-Dichloroethane	ND	6.0	ug/kg
1,1-Dichloroethene	ND	6.0	ug/kg
cis-1,2-Dichloroethene	ND	6.0	ug/kg
trans-1,2-Dichloroethene	ND	6.0	ug/kg
1,2-Dichloropropane	ND	6.0	ug/kg
cis-1,3-Dichloropropene	ND	6.0	ug/kg
trans-1,3-Dichloropropene	ND	6.0	ug/kg
Ethylbenzene	ND	6.0	ug/kg
2-Hexanone	ND	6.0	ug/kg
Isopropylbenzene	ND	6.0	ug/kg
Methyl acetate	ND	6.0	ug/kg
Methylene chloride	**2.0 J**	**6.0**	**ug/kg**
Methylcyclohexane	ND	6.0	ug/kg
4-Methyl-2-pentanone	ND	6.0	ug/kg
Methyl tert-butyl ether	ND	6.0	ug/kg
Styrene	ND	6.0	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-005 **Work Order #...:** L96PN1AE **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg
1,2,4-Trichloro-benzene	ND	6.0	ug/kg
Tetrachloroethene	ND	6.0	ug/kg
1,1,1-Trichloroethane	ND	6.0	ug/kg
1,1,2-Trichloroethane	ND	6.0	ug/kg
Trichloroethene	ND	6.0	ug/kg
Trichlorofluoromethane	ND	6.0	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.0	ug/kg
Toluene	ND	6.0	ug/kg
Vinyl chloride	ND	6.0	ug/kg
Xylenes (total)	ND	18	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	113	(52 - 124)
Toluene-d8	97	(72 - 127)
4-Bromofluorobenzene	87	(63 - 120)
Dibromofluoromethane	95	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-006 **Work Order #...:** L96PQ1AE **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 11:13
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	23	ug/kg
Benzene	ND	5.8	ug/kg
Bromodichloromethane	ND	5.8	ug/kg
Bromoform	ND	5.8	ug/kg
Bromomethane	ND	5.8	ug/kg
2-Butanone	ND	5.8	ug/kg
Carbon disulfide	ND	5.8	ug/kg
Carbon tetrachloride	ND	5.8	ug/kg
Chlorobenzene	ND	5.8	ug/kg
Chloroethane	ND	5.8	ug/kg
Chloroform	ND	5.8	ug/kg
Chloromethane	ND	5.8	ug/kg
Cyclohexane	ND	5.8	ug/kg
Dibromochloromethane	ND	5.8	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.8	ug/kg
1,2-Dibromoethane	ND	5.8	ug/kg
1,3-Dichlorobenzene	ND	5.8	ug/kg
1,4-Dichlorobenzene	ND	5.8	ug/kg
1,2-Dichlorobenzene	ND	5.8	ug/kg
Dichlorodifluoromethane	ND	5.8	ug/kg
1,1-Dichloroethane	ND	5.8	ug/kg
1,2-Dichloroethane	ND	5.8	ug/kg
1,1-Dichloroethene	ND	5.8	ug/kg
cis-1,2-Dichloroethene	ND	5.8	ug/kg
trans-1,2-Dichloroethene	ND	5.8	ug/kg
1,2-Dichloropropane	ND	5.8	ug/kg
cis-1,3-Dichloropropene	ND	5.8	ug/kg
trans-1,3-Dichloropropene	ND	5.8	ug/kg
Ethylbenzene	ND	5.8	ug/kg
2-Hexanone	ND	5.8	ug/kg
Isopropylbenzene	ND	5.8	ug/kg
Methyl acetate	ND	5.8	ug/kg
Methylene chloride	ND	5.8	ug/kg
Methylcyclohexane	ND	5.8	ug/kg
4-Methyl-2-pentanone	ND	5.8	ug/kg
Methyl tert-butyl ether	ND	5.8	ug/kg
Styrene	ND	5.8	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

GC/MS Volatiles

Lot-Sample #...: C0K170477-006 **Work Order #...:** L96PQ1AE **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg
1,2,4-Trichloro-benzene	ND	5.8	ug/kg
Tetrachloroethene	ND	5.8	ug/kg
1,1,1-Trichloroethane	ND	5.8	ug/kg
1,1,2-Trichloroethane	ND	5.8	ug/kg
Trichloroethene	ND	5.8	ug/kg
Trichlorofluoromethane	ND	5.8	ug/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg
Toluene	ND	5.8	ug/kg
Vinyl chloride	ND	5.8	ug/kg
Xylenes (total)	ND	17	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	116	(52 - 124)
Toluene-d8	95	(72 - 127)
4-Bromofluorobenzene	89	(63 - 120)
Dibromofluoromethane	102	(68 - 121)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K170477-007 **Work Order #...:** L96PR1AA **Matrix.....:** WATER
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0333106
Prep Date.....: 11/28/10 **Analysis Date..:** 11/28/10
Prep Batch #...: 0333171 **Analysis Time..:** 22:41
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	20	ug/L
Benzene	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	5.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	5.0	ug/L
Carbon tetrachloride	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
Chloroethane	ND	5.0	ug/L
Chloroform	ND	5.0	ug/L
Chloromethane	ND	5.0	ug/L
Cyclohexane	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L
1,2-Dibromoethane	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
Dichlorodifluoromethane	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
1,1-Dichloroethene	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,2-Dichloropropane	ND	5.0	ug/L
cis-1,3-Dichloropropene	ND	5.0	ug/L
trans-1,3-Dichloropropene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	5.0	ug/L
Methyl acetate	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
Methylcyclohexane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Styrene	ND	5.0	ug/L

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MACTEC Engineering and Consulting Inc

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: C0K170477-007 **Work Order #...:** L96PR1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
1,2,4-Trichloro-benzene	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
Vinyl chloride	ND	5.0	ug/L
Xylenes (total)	ND	15	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(62 - 123)
Toluene-d8	101	(80 - 120)
4-Bromofluorobenzene	103	(75 - 120)
Dibromofluoromethane	109	(80 - 120)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** L99N51AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K190000-065

Prep Date.....: 11/19/10 **Analysis Time..:** 06:09
Analysis Date..: 11/19/10 **Prep Batch #...:** 0323065
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** L99N51AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	117	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	103	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** MALG21AA **Matrix.....:** WATER
MB Lot-Sample #: C0K290000-171
Prep Date.....: 11/28/10 **Analysis Time..:** 18:22
Analysis Date..: 11/28/10 **Prep Batch #...:** 0333171
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/L	SW846 8260B
Benzene	ND	5.0	ug/L	SW846 8260B
Bromodichloromethane	ND	5.0	ug/L	SW846 8260B
Bromoform	ND	5.0	ug/L	SW846 8260B
Bromomethane	ND	5.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/L	SW846 8260B
Chlorobenzene	ND	5.0	ug/L	SW846 8260B
Chloroethane	ND	5.0	ug/L	SW846 8260B
Chloroform	ND	5.0	ug/L	SW846 8260B
Chloromethane	ND	5.0	ug/L	SW846 8260B
Cyclohexane	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Ethylbenzene	ND	5.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	5.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** MALG21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/L	SW846 8260B
Trichloroethene	ND	5.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	SW846 8260B
Toluene	ND	5.0	ug/L	SW846 8260B
Vinyl chloride	ND	5.0	ug/L	SW846 8260B
Xylenes (total)	ND	15	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(62 - 123)
Toluene-d8	94	(80 - 120)
4-Bromofluorobenzene	107	(75 - 120)
Dibromofluoromethane	115	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** L99N51AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K190000-065
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 06:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**94**	**(77 - 120)**	**SW846 8260B**
Chlorobenzene	**99**	**(79 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**96**	**(59 - 129)**	**SW846 8260B**
Trichloroethene	**100**	**(76 - 119)**	**SW846 8260B**
Toluene	**99**	**(78 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** L99N51AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K190000-065
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 06:55
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**37.6**	**ug/kg**	**94**	**SW846 8260B**
Chlorobenzene	**40.0**	**39.6**	**ug/kg**	**99**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**38.2**	**ug/kg**	**96**	**SW846 8260B**
Trichloroethene	**40.0**	**39.8**	**ug/kg**	**100**	**SW846 8260B**
Toluene	**40.0**	**39.6**	**ug/kg**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(52 - 124)
Toluene-d8	96	(72 - 127)
4-Bromofluorobenzene	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** MALG21AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K290000-171
Prep Date.....: 11/28/10 **Analysis Date..:** 11/28/10
Prep Batch #...: 0333171 **Analysis Time..:** 18:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**92**	**(80 - 120)**	**SW846 8260B**
Chlorobenzene	**98**	**(83 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**104**	**(69 - 127)**	**SW846 8260B**
Trichloroethene	**91**	**(80 - 120)**	**SW846 8260B**
Toluene	**99**	**(80 - 124)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(62 - 123)
Toluene-d8	105	(80 - 120)
4-Bromofluorobenzene	100	(75 - 120)
Dibromofluoromethane	104	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** MALG21AC **Matrix.....:** WATER
LCS Lot-Sample#: C0K290000-171
Prep Date.....: 11/28/10 **Analysis Date..:** 11/28/10
Prep Batch #...: 0333171 **Analysis Time..:** 18:45
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**40.0**	**36.8**	**ug/L**	**92**	**SW846 8260B**
Chlorobenzene	**40.0**	**39.3**	**ug/L**	**98**	**SW846 8260B**
1,1-Dichloroethene	**40.0**	**41.4**	**ug/L**	**104**	**SW846 8260B**
Trichloroethene	**40.0**	**36.5**	**ug/L**	**91**	**SW846 8260B**
Toluene	**40.0**	**39.4**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(62 - 123)
Toluene-d8	105	(80 - 120)
4-Bromofluorobenzene	100	(75 - 120)
Dibromofluoromethane	104	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** L96PE1AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K170477-001 L96PE1AH-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 07:17
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**99**	**(77 - 120)**			**SW846 8260B**
	93	**(77 - 120)**	**6.2**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**106**	**(79 - 120)**			**SW846 8260B**
	100	**(79 - 120)**	**5.8**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**88**	**(59 - 129)**			**SW846 8260B**
	76	**(59 - 129)**	**14**	**(0-25)**	**SW846 8260B**
Trichloroethene	**104**	**(76 - 119)**			**SW846 8260B**
	100	**(76 - 119)**	**4.1**	**(0-21)**	**SW846 8260B**
Toluene	**114**	**(78 - 124)**			**SW846 8260B**
	108	**(78 - 124)**	**5.0**	**(0-21)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
	103	(52 - 124)
Toluene-d8	108	(72 - 127)
	109	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)
	96	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** L96PE1AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K170477-001 L96PE1AH-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0323030
Prep Date.....: 11/19/10 **Analysis Date..:** 11/19/10
Prep Batch #...: 0323065 **Analysis Time..:** 07:17
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**46.0**	**45.3**	**ug/kg**	**99**		**SW846 8260B**
	ND	**46.0**	**42.6**	**ug/kg**	**93**	**6.2**	**SW846 8260B**
Chlorobenzene	**ND**	**46.0**	**48.9**	**ug/kg**	**106**		**SW846 8260B**
	ND	**46.0**	**46.1**	**ug/kg**	**100**	**5.8**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**46.0**	**40.4**	**ug/kg**	**88**		**SW846 8260B**
	ND	**46.0**	**35.0**	**ug/kg**	**76**	**14**	**SW846 8260B**
Trichloroethene	**ND**	**46.0**	**47.9**	**ug/kg**	**104**		**SW846 8260B**
	ND	**46.0**	**46.0**	**ug/kg**	**100**	**4.1**	**SW846 8260B**
Toluene	**ND**	**46.0**	**52.4**	**ug/kg**	**114**		**SW846 8260B**
	ND	**46.0**	**49.9**	**ug/kg**	**108**	**5.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(52 - 124)
	103	(52 - 124)
Toluene-d8	108	(72 - 127)
	109	(72 - 127)
4-Bromofluorobenzene	93	(63 - 120)
	92	(63 - 120)
Dibromofluoromethane	97	(68 - 121)
	96	(68 - 121)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** MAAAL1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: C0K190469-008 MAAAL1AD-MSD
Date Sampled...: 11/18/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0333106
Prep Date.....: 11/28/10 **Analysis Date..:** 11/28/10
Prep Batch #...: 0333171 **Analysis Time..:** 19:09
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**90**	**(80 - 120)**			**SW846 8260B**
	86	**(80 - 120)**	**3.9**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**89**	**(83 - 120)**			**SW846 8260B**
	87	**(83 - 120)**	**3.0**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**94**	**(69 - 127)**			**SW846 8260B**
	90	**(69 - 127)**	**5.3**	**(0-20)**	**SW846 8260B**
Trichloroethene	**88**	**(80 - 120)**			**SW846 8260B**
	84	**(80 - 120)**	**4.9**	**(0-20)**	**SW846 8260B**
Toluene	**93**	**(80 - 124)**			**SW846 8260B**
	86	**(80 - 124)**	**7.5**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(62 - 123)
	100	(62 - 123)
Toluene-d8	104	(80 - 120)
	103	(80 - 120)
4-Bromofluorobenzene	116	(75 - 120)
	102	(75 - 120)
Dibromofluoromethane	107	(80 - 120)
	102	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: C0K170477 **Work Order #...:** MAAAL1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: C0K190469-008 MAAAL1AD-MSD
Date Sampled...: 11/18/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0333106
Prep Date.....: 11/28/10 **Analysis Date..:** 11/28/10
Prep Batch #...: 0333171 **Analysis Time..:** 19:09
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**40.0**	**35.8**	**ug/L**	**90**		**SW846 8260B**
	ND	**40.0**	**34.5**	**ug/L**	**86**	**3.9**	**SW846 8260B**
Chlorobenzene	**ND**	**40.0**	**35.7**	**ug/L**	**89**		**SW846 8260B**
	ND	**40.0**	**34.6**	**ug/L**	**87**	**3.0**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**40.0**	**37.8**	**ug/L**	**94**		**SW846 8260B**
	ND	**40.0**	**35.8**	**ug/L**	**90**	**5.3**	**SW846 8260B**
Trichloroethene	**ND**	**40.0**	**35.1**	**ug/L**	**88**		**SW846 8260B**
	ND	**40.0**	**33.4**	**ug/L**	**84**	**4.9**	**SW846 8260B**
Toluene	**ND**	**40.0**	**37.1**	**ug/L**	**93**		**SW846 8260B**
	ND	**40.0**	**34.4**	**ug/L**	**86**	**7.5**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(62 - 123)
	100	(62 - 123)
Toluene-d8	104	(80 - 120)
	103	(80 - 120)
4-Bromofluorobenzene	116	(75 - 120)
	102	(75 - 120)
Dibromofluoromethane	107	(80 - 120)
	102	(80 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-001 **Work Order #...:** L96PE1AC **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326002
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 17:24
Dilution Factor: 0.99
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	76	ug/kg
Acenaphthylene	ND	76	ug/kg
Acetophenone	ND	380	ug/kg
Anthracene	ND	76	ug/kg
Atrazine	ND	380	ug/kg
Benzo(a)anthracene	ND	76	ug/kg
Benzo(a)pyrene	ND	76	ug/kg
Benzo(b)fluoranthene	ND	76	ug/kg
Benzo(ghi)perylene	ND	76	ug/kg
Benzo(k)fluoranthene	ND	76	ug/kg
Benzaldehyde	ND	380	ug/kg
1,1'-Biphenyl	ND	380	ug/kg
bis(2-Chloroethoxy) methane	ND	380	ug/kg
bis(2-Chloroethyl)-ether	ND	76	ug/kg
bis(2-Ethylhexyl) phthalate	ND	760	ug/kg
4-Bromophenyl phenyl ether	ND	380	ug/kg
Butyl benzyl phthalate	ND	380	ug/kg
Caprolactam	ND	1900	ug/kg
Carbazole	ND	76	ug/kg
4-Chloroaniline	ND	380	ug/kg
4-Chloro-3-methylphenol	ND	380	ug/kg
2-Chloronaphthalene	ND	76	ug/kg
2-Chlorophenol	ND	380	ug/kg
4-Chlorophenyl phenyl ether	ND	380	ug/kg
Chrysene	ND	76	ug/kg
Dibenz(a,h)anthracene	ND	76	ug/kg
Dibenzofuran	ND	380	ug/kg
3,3'-Dichlorobenzidine	ND	380	ug/kg
2,4-Dichlorophenol	ND	76	ug/kg
Diethyl phthalate	ND	380	ug/kg
2,4-Dimethylphenol	ND	380	ug/kg
Dimethyl phthalate	ND	380	ug/kg
Di-n-butyl phthalate	ND	380	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-001 **Work Order #...:** L96PE1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg
2,4-Dinitrophenol	ND	1900	ug/kg
2,4-Dinitrotoluene	ND	380	ug/kg
2,6-Dinitrotoluene	ND	380	ug/kg
Di-n-octyl phthalate	ND	380	ug/kg
Fluoranthene	ND	76	ug/kg
Fluorene	ND	76	ug/kg
Hexachlorobenzene	ND	76	ug/kg
Hexachlorobutadiene	ND	76	ug/kg
Hexachlorocyclopenta-diene	ND	380	ug/kg
Hexachloroethane	ND	380	ug/kg
Indeno(1,2,3-cd)pyrene	ND	76	ug/kg
Isophorone	ND	380	ug/kg
2-Methylnaphthalene	ND	76	ug/kg
2-Methylphenol	ND	380	ug/kg
4-Methylphenol	ND	380	ug/kg
Naphthalene	ND	76	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	760	ug/kg
2-Nitrophenol	ND	380	ug/kg
4-Nitrophenol	ND	1900	ug/kg
N-Nitrosodi-n-propyl-amine	ND	76	ug/kg
N-Nitrosodiphenylamine	ND	380	ug/kg
2,2'-oxybis (1-Chloropropane)	ND	76	ug/kg
Pentachlorophenol	ND	380	ug/kg
Phenanthrene	ND	76	ug/kg
Phenol	ND	76	ug/kg
Pyrene	ND	76	ug/kg
2,4,5-Trichloro-phenol	ND	380	ug/kg
2,4,6-Trichloro-phenol	ND	380	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-001 **Work Order #...:** L96PE1AC **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	99	(35 - 124)
2-Fluorobiphenyl	63	(35 - 105)
2-Fluorophenol	64	(39 - 103)
Nitrobenzene-d5	58	(25 - 104)
Phenol-d5	68	(25 - 105)
Terphenyl-d14	52	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-002 **Work Order #...:** L96PH1AC **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326002
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 17:44
Dilution Factor: 2
% Moisture.....: 21 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	170	ug/kg
Acenaphthylene	ND	170	ug/kg
Acetophenone	ND	840	ug/kg
Anthracene	ND	170	ug/kg
Atrazine	ND	840	ug/kg
Benzo(a)anthracene	ND	170	ug/kg
Benzo(a)pyrene	ND	170	ug/kg
Benzo(b)fluoranthene	ND	170	ug/kg
Benzo(ghi)perylene	ND	170	ug/kg
Benzo(k)fluoranthene	ND	170	ug/kg
Benzaldehyde	ND	840	ug/kg
1,1'-Biphenyl	ND	840	ug/kg
bis(2-Chloroethoxy) methane	ND	840	ug/kg
bis(2-Chloroethyl)-ether	ND	170	ug/kg
bis(2-Ethylhexyl) phthalate	ND	1700	ug/kg
4-Bromophenyl phenyl ether	ND	840	ug/kg
Butyl benzyl phthalate	ND	840	ug/kg
Caprolactam	ND	4300	ug/kg
Carbazole	ND	170	ug/kg
4-Chloroaniline	ND	840	ug/kg
4-Chloro-3-methylphenol	ND	840	ug/kg
2-Chloronaphthalene	ND	170	ug/kg
2-Chlorophenol	ND	840	ug/kg
4-Chlorophenyl phenyl ether	ND	840	ug/kg
Chrysene	ND	170	ug/kg
Dibenz(a,h)anthracene	ND	170	ug/kg
Dibenzofuran	ND	840	ug/kg
3,3'-Dichlorobenzidine	ND	840	ug/kg
2,4-Dichlorophenol	ND	170	ug/kg
Diethyl phthalate	ND	840	ug/kg
2,4-Dimethylphenol	ND	840	ug/kg
Dimethyl phthalate	ND	840	ug/kg
Di-n-butyl phthalate	ND	840	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-002 **Work Order #...:** L96PH1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	4300	ug/kg
2,4-Dinitrophenol	ND	4300	ug/kg
2,4-Dinitrotoluene	ND	840	ug/kg
2,6-Dinitrotoluene	ND	840	ug/kg
Di-n-octyl phthalate	ND	840	ug/kg
Fluoranthene	ND	170	ug/kg
Fluorene	ND	170	ug/kg
Hexachlorobenzene	ND	170	ug/kg
Hexachlorobutadiene	ND	170	ug/kg
Hexachlorocyclopenta-diene	ND	840	ug/kg
Hexachloroethane	ND	840	ug/kg
Indeno(1,2,3-cd)pyrene	ND	170	ug/kg
Isophorone	ND	840	ug/kg
2-Methylnaphthalene	ND	170	ug/kg
2-Methylphenol	ND	840	ug/kg
4-Methylphenol	ND	840	ug/kg
Naphthalene	ND	170	ug/kg
2-Nitroaniline	ND	4300	ug/kg
3-Nitroaniline	ND	4300	ug/kg
4-Nitroaniline	ND	4300	ug/kg
Nitrobenzene	ND	1700	ug/kg
2-Nitrophenol	ND	840	ug/kg
4-Nitrophenol	ND	4300	ug/kg
N-Nitrosodi-n-propyl-amine	ND	170	ug/kg
N-Nitrosodiphenylamine	ND	840	ug/kg
2,2'-oxybis (1-Chloropropane)	ND	170	ug/kg
Pentachlorophenol	ND	840	ug/kg
Phenanthrene	ND	170	ug/kg
Phenol	ND	170	ug/kg
Pyrene	ND	170	ug/kg
2,4,5-Trichloro-phenol	ND	840	ug/kg
2,4,6-Trichloro-phenol	ND	840	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-002 **Work Order #...:** L96PH1AC **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	88	(35 - 124)
2-Fluorobiphenyl	66	(35 - 105)
2-Fluorophenol	69	(39 - 103)
Nitrobenzene-d5	66	(25 - 104)
Phenol-d5	73	(25 - 105)
Terphenyl-d14	63	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-003 **Work Order #...:** L96PJ1AC **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326002
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 18:04
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	78	ug/kg
Acenaphthylene	ND	78	ug/kg
Acetophenone	ND	380	ug/kg
Anthracene	ND	78	ug/kg
Atrazine	ND	380	ug/kg
Benzo(a)anthracene	ND	78	ug/kg
Benzo(a)pyrene	ND	78	ug/kg
Benzo(b)fluoranthene	ND	78	ug/kg
Benzo(ghi)perylene	ND	78	ug/kg
Benzo(k)fluoranthene	ND	78	ug/kg
Benzaldehyde	ND	380	ug/kg
1,1'-Biphenyl	ND	380	ug/kg
bis(2-Chloroethoxy) methane	ND	380	ug/kg
bis(2-Chloroethyl)-ether	ND	78	ug/kg
bis(2-Ethylhexyl) phthalate	**120 J**	**780**	**ug/kg**
4-Bromophenyl phenyl ether	ND	380	ug/kg
Butyl benzyl phthalate	ND	380	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	ND	78	ug/kg
4-Chloroaniline	ND	380	ug/kg
4-Chloro-3-methylphenol	ND	380	ug/kg
2-Chloronaphthalene	ND	78	ug/kg
2-Chlorophenol	ND	380	ug/kg
4-Chlorophenyl phenyl ether	ND	380	ug/kg
Chrysene	ND	78	ug/kg
Dibenz(a,h)anthracene	ND	78	ug/kg
Dibenzofuran	ND	380	ug/kg
3,3'-Dichlorobenzidine	ND	380	ug/kg
2,4-Dichlorophenol	ND	78	ug/kg
Diethyl phthalate	**51 J**	**380**	**ug/kg**
2,4-Dimethylphenol	ND	380	ug/kg
Dimethyl phthalate	ND	380	ug/kg
Di-n-butyl phthalate	ND	380	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-003 **Work Order #...:** L96PJ1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg
2,4-Dinitrophenol	ND	2000	ug/kg
2,4-Dinitrotoluene	ND	380	ug/kg
2,6-Dinitrotoluene	ND	380	ug/kg
Di-n-octyl phthalate	ND	380	ug/kg
Fluoranthene	ND	78	ug/kg
Fluorene	ND	78	ug/kg
Hexachlorobenzene	ND	78	ug/kg
Hexachlorobutadiene	ND	78	ug/kg
Hexachlorocyclopenta-diene	ND	380	ug/kg
Hexachloroethane	ND	380	ug/kg
Indeno(1,2,3-cd)pyrene	ND	78	ug/kg
Isophorone	ND	380	ug/kg
2-Methylnaphthalene	ND	78	ug/kg
2-Methylphenol	ND	380	ug/kg
4-Methylphenol	ND	380	ug/kg
Naphthalene	ND	78	ug/kg
2-Nitroaniline	ND	2000	ug/kg
3-Nitroaniline	ND	2000	ug/kg
4-Nitroaniline	ND	2000	ug/kg
Nitrobenzene	ND	780	ug/kg
2-Nitrophenol	ND	380	ug/kg
4-Nitrophenol	ND	2000	ug/kg
N-Nitrosodi-n-propyl-amine	ND	78	ug/kg
N-Nitrosodiphenylamine	ND	380	ug/kg
2,2'-oxybis (1-Chloropropane)	ND	78	ug/kg
Pentachlorophenol	ND	380	ug/kg
Phenanthrene	ND	78	ug/kg
Phenol	ND	78	ug/kg
Pyrene	ND	78	ug/kg
2,4,5-Trichloro-phenol	ND	380	ug/kg
2,4,6-Trichloro-phenol	ND	380	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-003 **Work Order #...:** L96PJ1AC **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	75	(35 - 124)
2-Fluorobiphenyl	55	(35 - 105)
2-Fluorophenol	56	(39 - 103)
Nitrobenzene-d5	53	(25 - 104)
Phenol-d5	58	(25 - 105)
Terphenyl-d14	71	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-004 **Work Order #...:** L96PL1AC **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326002
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 18:24
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	84	ug/kg
Acenaphthylene	ND	84	ug/kg
Acetophenone	ND	410	ug/kg
Anthracene	ND	84	ug/kg
Atrazine	ND	410	ug/kg
Benzo(a)anthracene	ND	84	ug/kg
Benzo(a)pyrene	ND	84	ug/kg
Benzo(b)fluoranthene	ND	84	ug/kg
Benzo(ghi)perylene	ND	84	ug/kg
Benzo(k)fluoranthene	ND	84	ug/kg
Benzaldehyde	ND	410	ug/kg
1,1'-Biphenyl	ND	410	ug/kg
bis(2-Chloroethoxy) methane	ND	410	ug/kg
bis(2-Chloroethyl)-ether	ND	84	ug/kg
bis(2-Ethylhexyl) phthalate	**170 J**	**840**	**ug/kg**
4-Bromophenyl phenyl ether	ND	410	ug/kg
Butyl benzyl phthalate	ND	410	ug/kg
Caprolactam	ND	2100	ug/kg
Carbazole	ND	84	ug/kg
4-Chloroaniline	ND	410	ug/kg
4-Chloro-3-methylphenol	ND	410	ug/kg
2-Chloronaphthalene	ND	84	ug/kg
2-Chlorophenol	ND	410	ug/kg
4-Chlorophenyl phenyl ether	ND	410	ug/kg
Chrysene	ND	84	ug/kg
Dibenz(a,h)anthracene	ND	84	ug/kg
Dibenzofuran	ND	410	ug/kg
3,3'-Dichlorobenzidine	ND	410	ug/kg
2,4-Dichlorophenol	ND	84	ug/kg
Diethyl phthalate	ND	410	ug/kg
2,4-Dimethylphenol	ND	410	ug/kg
Dimethyl phthalate	ND	410	ug/kg
Di-n-butyl phthalate	ND	410	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-004 **Work Order #...:** L96PL1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	2100	ug/kg
2,4-Dinitrophenol	ND	2100	ug/kg
2,4-Dinitrotoluene	ND	410	ug/kg
2,6-Dinitrotoluene	ND	410	ug/kg
Di-n-octyl phthalate	ND	410	ug/kg
Fluoranthene	ND	84	ug/kg
Fluorene	ND	84	ug/kg
Hexachlorobenzene	ND	84	ug/kg
Hexachlorobutadiene	ND	84	ug/kg
Hexachlorocyclopenta-diene	ND	410	ug/kg
Hexachloroethane	ND	410	ug/kg
Indeno(1,2,3-cd)pyrene	ND	84	ug/kg
Isophorone	ND	410	ug/kg
2-Methylnaphthalene	ND	84	ug/kg
2-Methylphenol	ND	410	ug/kg
4-Methylphenol	ND	410	ug/kg
Naphthalene	ND	84	ug/kg
2-Nitroaniline	ND	2100	ug/kg
3-Nitroaniline	ND	2100	ug/kg
4-Nitroaniline	ND	2100	ug/kg
Nitrobenzene	ND	840	ug/kg
2-Nitrophenol	ND	410	ug/kg
4-Nitrophenol	ND	2100	ug/kg
N-Nitrosodi-n-propyl-amine	ND	84	ug/kg
N-Nitrosodiphenylamine	ND	410	ug/kg
2,2'-oxybis (1-Chloropropane)	ND	84	ug/kg
Pentachlorophenol	ND	410	ug/kg
Phenanthrene	ND	84	ug/kg
Phenol	ND	84	ug/kg
Pyrene	ND	84	ug/kg
2,4,5-Trichloro-phenol	ND	410	ug/kg
2,4,6-Trichloro-phenol	ND	410	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-004 **Work Order #...:** L96PL1AC **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(35 - 124)
2-Fluorobiphenyl	53	(35 - 105)
2-Fluorophenol	54	(39 - 103)
Nitrobenzene-d5	51	(25 - 104)
Phenol-d5	56	(25 - 105)
Terphenyl-d14	67	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-005 **Work Order #...:** L96PN1AC **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326002
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 18:44
Dilution Factor: 0.99
% Moisture.....: 17 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	80	ug/kg
Acenaphthylene	ND	80	ug/kg
Acetophenone	ND	390	ug/kg
Anthracene	ND	80	ug/kg
Atrazine	ND	390	ug/kg
Benzo(a)anthracene	ND	80	ug/kg
Benzo(a)pyrene	ND	80	ug/kg
Benzo(b)fluoranthene	ND	80	ug/kg
Benzo(ghi)perylene	ND	80	ug/kg
Benzo(k)fluoranthene	ND	80	ug/kg
Benzaldehyde	ND	390	ug/kg
1,1'-Biphenyl	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	80	ug/kg
bis(2-Ethylhexyl) phthalate	ND	800	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	ND	80	ug/kg
4-Chloroaniline	ND	390	ug/kg
4-Chloro-3-methylphenol	ND	390	ug/kg
2-Chloronaphthalene	ND	80	ug/kg
2-Chlorophenol	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Chrysene	ND	80	ug/kg
Dibenz(a,h)anthracene	ND	80	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	390	ug/kg
2,4-Dichlorophenol	ND	80	ug/kg
Diethyl phthalate	ND	390	ug/kg
2,4-Dimethylphenol	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-005 **Work Order #...:** L96PN1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg
2,4-Dinitrophenol	ND	2000	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg
Di-n-octyl phthalate	ND	390	ug/kg
Fluoranthene	ND	80	ug/kg
Fluorene	ND	80	ug/kg
Hexachlorobenzene	ND	80	ug/kg
Hexachlorobutadiene	ND	80	ug/kg
Hexachlorocyclopenta-diene	ND	390	ug/kg
Hexachloroethane	ND	390	ug/kg
Indeno(1,2,3-cd)pyrene	ND	80	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	80	ug/kg
2-Methylphenol	ND	390	ug/kg
4-Methylphenol	ND	390	ug/kg
Naphthalene	ND	80	ug/kg
2-Nitroaniline	ND	2000	ug/kg
3-Nitroaniline	ND	2000	ug/kg
4-Nitroaniline	ND	2000	ug/kg
Nitrobenzene	ND	800	ug/kg
2-Nitrophenol	ND	390	ug/kg
4-Nitrophenol	ND	2000	ug/kg
N-Nitrosodi-n-propyl-amine	ND	80	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
2,2'-oxybis (1-Chloropropane)	ND	80	ug/kg
Pentachlorophenol	ND	390	ug/kg
Phenanthrene	ND	80	ug/kg
Phenol	ND	80	ug/kg
Pyrene	ND	80	ug/kg
2,4,5-Trichloro-phenol	ND	390	ug/kg
2,4,6-Trichloro-phenol	ND	390	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-005 **Work Order #...:** L96PN1AC **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	70	(35 - 124)
2-Fluorobiphenyl	62	(35 - 105)
2-Fluorophenol	61	(39 - 103)
Nitrobenzene-d5	58	(25 - 104)
Phenol-d5	63	(25 - 105)
Terphenyl-d14	66	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-006 **Work Order #...:** L96PQ1AC **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326002
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 19:04
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	77	ug/kg
Acenaphthylene	ND	77	ug/kg
Acetophenone	ND	380	ug/kg
Anthracene	ND	77	ug/kg
Atrazine	ND	380	ug/kg
Benzo(a)anthracene	ND	77	ug/kg
Benzo(a)pyrene	ND	77	ug/kg
Benzo(b)fluoranthene	ND	77	ug/kg
Benzo(ghi)perylene	ND	77	ug/kg
Benzo(k)fluoranthene	ND	77	ug/kg
Benzaldehyde	ND	380	ug/kg
1,1'-Biphenyl	ND	380	ug/kg
bis(2-Chloroethoxy) methane	ND	380	ug/kg
bis(2-Chloroethyl)-ether	ND	77	ug/kg
bis(2-Ethylhexyl) phthalate	ND	770	ug/kg
4-Bromophenyl phenyl ether	ND	380	ug/kg
Butyl benzyl phthalate	ND	380	ug/kg
Caprolactam	ND	2000	ug/kg
Carbazole	ND	77	ug/kg
4-Chloroaniline	ND	380	ug/kg
4-Chloro-3-methylphenol	ND	380	ug/kg
2-Chloronaphthalene	ND	77	ug/kg
2-Chlorophenol	ND	380	ug/kg
4-Chlorophenyl phenyl ether	ND	380	ug/kg
Chrysene	ND	77	ug/kg
Dibenz(a,h)anthracene	ND	77	ug/kg
Dibenzofuran	ND	380	ug/kg
3,3'-Dichlorobenzidine	ND	380	ug/kg
2,4-Dichlorophenol	ND	77	ug/kg
Diethyl phthalate	ND	380	ug/kg
2,4-Dimethylphenol	ND	380	ug/kg
Dimethyl phthalate	ND	380	ug/kg
Di-n-butyl phthalate	ND	380	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-006 **Work Order #...:** L96PQ1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg
2,4-Dinitrophenol	ND	2000	ug/kg
2,4-Dinitrotoluene	ND	380	ug/kg
2,6-Dinitrotoluene	ND	380	ug/kg
Di-n-octyl phthalate	ND	380	ug/kg
Fluoranthene	ND	77	ug/kg
Fluorene	ND	77	ug/kg
Hexachlorobenzene	ND	77	ug/kg
Hexachlorobutadiene	ND	77	ug/kg
Hexachlorocyclopenta-diene	ND	380	ug/kg
Hexachloroethane	ND	380	ug/kg
Indeno(1,2,3-cd)pyrene	ND	77	ug/kg
Isophorone	ND	380	ug/kg
2-Methylnaphthalene	ND	77	ug/kg
2-Methylphenol	ND	380	ug/kg
4-Methylphenol	ND	380	ug/kg
Naphthalene	ND	77	ug/kg
2-Nitroaniline	ND	2000	ug/kg
3-Nitroaniline	ND	2000	ug/kg
4-Nitroaniline	ND	2000	ug/kg
Nitrobenzene	ND	770	ug/kg
2-Nitrophenol	ND	380	ug/kg
4-Nitrophenol	ND	2000	ug/kg
N-Nitrosodi-n-propyl-amine	ND	77	ug/kg
N-Nitrosodiphenylamine	ND	380	ug/kg
2,2'-oxybis (1-Chloropropane)	ND	77	ug/kg
Pentachlorophenol	ND	380	ug/kg
Phenanthrene	ND	77	ug/kg
Phenol	ND	77	ug/kg
Pyrene	ND	77	ug/kg
2,4,5-Trichloro-phenol	ND	380	ug/kg
2,4,6-Trichloro-phenol	ND	380	ug/kg

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MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

GC/MS Semivolatiles

Lot-Sample #...: C0K170477-006 **Work Order #...:** L96PQ1AC **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	75	(35 - 124)
2-Fluorobiphenyl	63	(35 - 105)
2-Fluorophenol	63	(39 - 103)
Nitrobenzene-d5	59	(25 - 104)
Phenol-d5	64	(25 - 105)
Terphenyl-d14	76	(25 - 127)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** MADNW1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K220000-011
Prep Date.....: 11/22/10 **Analysis Time..:** 11:26
Analysis Date..: 11/24/10 **Prep Batch #...:** 0326011
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	67	ug/kg	SW846 8270C
Acenaphthylene	ND	67	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	67	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	67	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	67	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	67	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	67	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	67	ug/kg	SW846 8270C
Benzaldehyde	ND	330	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)- ether	ND	67	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	670	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
Caprolactam	ND	1700	ug/kg	SW846 8270C
Carbazole	ND	67	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	67	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Chrysene	ND	67	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	67	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	330	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	67	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	1700	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1700	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** MADNW1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	67	ug/kg	SW846 8270C
Fluorene	ND	67	ug/kg	SW846 8270C
Hexachlorobenzene	ND	67	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	67	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	67	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	67	ug/kg	SW846 8270C
2-Methylphenol	ND	330	ug/kg	SW846 8270C
4-Methylphenol	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	67	ug/kg	SW846 8270C
2-Nitroaniline	ND	1700	ug/kg	SW846 8270C
3-Nitroaniline	ND	1700	ug/kg	SW846 8270C
4-Nitroaniline	ND	1700	ug/kg	SW846 8270C
Nitrobenzene	ND	670	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitrophenol	ND	1700	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	67	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	67	ug/kg	SW846 8270C
Pentachlorophenol	ND	330	ug/kg	SW846 8270C
Phenanthrene	ND	67	ug/kg	SW846 8270C
Phenol	ND	67	ug/kg	SW846 8270C
Pyrene	ND	67	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	330	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	91	(35 - 124)
2-Fluorobiphenyl	65	(35 - 105)
2-Fluorophenol	69	(39 - 103)
Nitrobenzene-d5	62	(25 - 104)
Phenol-d5	72	(25 - 105)
Terphenyl-d14	78	(25 - 127)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** MADNW1AA **Matrix.....:** SOLID

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** MADNW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K220000-011
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 12:05
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**70**	**(47 - 104)**	**SW846 8270C**
1,2,4-Trichloro-benzene	**69**	**(43 - 100)**	**SW846 8270C**
1,4-Dichlorobenzene	**64**	**(35 - 99)**	**SW846 8270C**
4-Bromophenyl phenyl ether	**77**	**(47 - 110)**	**SW846 8270C**
Butyl benzyl phthalate	**60**	**(41 - 118)**	**SW846 8270C**
4-Chloro-3-methylphenol	**75**	**(47 - 109)**	**SW846 8270C**
2-Chlorophenol	**65**	**(40 - 101)**	**SW846 8270C**
2,4-Dinitrotoluene	**83**	**(45 - 124)**	**SW846 8270C**
Hexachloroethane	**63**	**(37 - 97)**	**SW846 8270C**
4-Methylphenol	**71**	**(42 - 105)**	**SW846 8270C**
Naphthalene	**67**	**(43 - 100)**	**SW846 8270C**
4-Nitrophenol	**79**	**(36 - 127)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**63**	**(42 - 107)**	**SW846 8270C**
Pentachlorophenol	**67**	**(17 - 122)**	**SW846 8270C**
Phenol	**63**	**(41 - 102)**	**SW846 8270C**
Pyrene	**65**	**(41 - 115)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	97	(35 - 124)
2-Fluorobiphenyl	67	(35 - 105)
2-Fluorophenol	69	(39 - 103)
Nitrobenzene-d5	66	(25 - 104)
Phenol-d5	72	(25 - 105)
Terphenyl-d14	72	(25 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** MADNW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K220000-011
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 12:05
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**6670**	**4680**	**ug/kg**	**70**	**SW846 8270C**
1,2,4-Trichloro-benzene	**6670**	**4630**	**ug/kg**	**69**	**SW846 8270C**
1,4-Dichlorobenzene	**6670**	**4250**	**ug/kg**	**64**	**SW846 8270C**
4-Bromophenyl phenyl ether	**6670**	**5110**	**ug/kg**	**77**	**SW846 8270C**
Butyl benzyl phthalate	**6670**	**4010**	**ug/kg**	**60**	**SW846 8270C**
4-Chloro-3-methylphenol	**6670**	**5020**	**ug/kg**	**75**	**SW846 8270C**
2-Chlorophenol	**6670**	**4310**	**ug/kg**	**65**	**SW846 8270C**
2,4-Dinitrotoluene	**6670**	**5530**	**ug/kg**	**83**	**SW846 8270C**
Hexachloroethane	**6670**	**4230**	**ug/kg**	**63**	**SW846 8270C**
4-Methylphenol	**13300**	**9460**	**ug/kg**	**71**	**SW846 8270C**
Naphthalene	**6670**	**4480**	**ug/kg**	**67**	**SW846 8270C**
4-Nitrophenol	**6670**	**5280**	**ug/kg**	**79**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**6670**	**4230**	**ug/kg**	**63**	**SW846 8270C**
Pentachlorophenol	**6670**	**4440**	**ug/kg**	**67**	**SW846 8270C**
Phenol	**6670**	**4220**	**ug/kg**	**63**	**SW846 8270C**
Pyrene	**6670**	**4350**	**ug/kg**	**65**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	97	(35 - 124)
2-Fluorobiphenyl	67	(35 - 105)
2-Fluorophenol	69	(39 - 103)
Nitrobenzene-d5	66	(25 - 104)
Phenol-d5	72	(25 - 105)
Terphenyl-d14	72	(25 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** L980G1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K180533-001 L980G1A5-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0326002
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 15:25
Dilution Factor: 1 **% Moisture.....:** 14

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**71**	**(47 - 104)**			**SW846 8270C**
	70	**(47 - 104)**	**1.6**	**(0-40)**	**SW846 8270C**
1,2,4-Trichloro- benzene	**72**	**(43 - 100)**			**SW846 8270C**
	70	**(43 - 100)**	**2.1**	**(0-36)**	**SW846 8270C**
1,4-Dichlorobenzene	**67**	**(35 - 99)**			**SW846 8270C**
	64	**(35 - 99)**	**4.4**	**(0-49)**	**SW846 8270C**
4-Bromophenyl phenyl ether	**72**	**(47 - 110)**			**SW846 8270C**
	75	**(47 - 110)**	**4.6**	**(0-46)**	**SW846 8270C**
Butyl benzyl phthalate	**56**	**(41 - 118)**			**SW846 8270C**
	59	**(41 - 118)**	**5.1**	**(0-41)**	**SW846 8270C**
4-Chloro-3-methylphenol	**74**	**(47 - 109)**			**SW846 8270C**
	72	**(47 - 109)**	**3.2**	**(0-36)**	**SW846 8270C**
2-Chlorophenol	**70**	**(40 - 101)**			**SW846 8270C**
	67	**(40 - 101)**	**5.3**	**(0-42)**	**SW846 8270C**
2,4-Dinitrotoluene	**74**	**(45 - 124)**			**SW846 8270C**
	75	**(45 - 124)**	**0.73**	**(0-41)**	**SW846 8270C**
Hexachloroethane	**66**	**(37 - 97)**			**SW846 8270C**
	63	**(37 - 97)**	**5.6**	**(0-48)**	**SW846 8270C**
4-Methylphenol	**75**	**(42 - 105)**			**SW846 8270C**
	73	**(42 - 105)**	**1.5**	**(0-43)**	**SW846 8270C**
Naphthalene	**71**	**(43 - 100)**			**SW846 8270C**
	69	**(43 - 100)**	**2.1**	**(0-32)**	**SW846 8270C**
4-Nitrophenol	**68**	**(36 - 127)**			**SW846 8270C**
	68	**(36 - 127)**	**0.05**	**(0-43)**	**SW846 8270C**
N-Nitrosodi-n-propyl- amine	**68**	**(42 - 107)**			**SW846 8270C**
	66	**(42 - 107)**	**2.6**	**(0-43)**	**SW846 8270C**
Pentachlorophenol	**55**	**(17 - 122)**			**SW846 8270C**
	55	**(17 - 122)**	**1.6**	**(0-52)**	**SW846 8270C**
Phenol	**68**	**(41 - 102)**			**SW846 8270C**
	66	**(41 - 102)**	**3.1**	**(0-39)**	**SW846 8270C**
Pyrene	**63**	**(41 - 115)**			**SW846 8270C**
	63	**(41 - 115)**	**0.01**	**(0-43)**	**SW846 8270C**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** L980G1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K180533-001 L980G1A5-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(35 - 124)
	81	(35 - 124)
2-Fluorobiphenyl	68	(35 - 105)
	68	(35 - 105)
2-Fluorophenol	73	(39 - 103)
	70	(39 - 103)
Nitrobenzene-d5	69	(25 - 104)
	68	(25 - 104)
Phenol-d5	76	(25 - 105)
	74	(25 - 105)
Terphenyl-d14	63	(25 - 127)
	63	(25 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** L980G1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K180533-001 L980G1A5-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/18/10 **MS Run #.....:** 0326002
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326011 **Analysis Time..:** 15:25
Dilution Factor: 1 **% Moisture.....:** 14

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**7730**	**5480**	**ug/kg**	**71**		**SW846 8270C**
	ND	**7730**	**5390**	**ug/kg**	**70**	**1.6**	**SW846 8270C**
1,2,4-Trichloro- benzene	**ND**	**7730**	**5560**	**ug/kg**	**72**		**SW846 8270C**
	ND	**7730**	**5450**	**ug/kg**	**70**	**2.1**	**SW846 8270C**
1,4-Dichlorobenzene	**ND**	**7730**	**5160**	**ug/kg**	**67**		**SW846 8270C**
	ND	**7730**	**4940**	**ug/kg**	**64**	**4.4**	**SW846 8270C**
4-Bromophenyl phenyl ether	**ND**	**7730**	**5530**	**ug/kg**	**72**		**SW846 8270C**
	ND	**7730**	**5790**	**ug/kg**	**75**	**4.6**	**SW846 8270C**
Butyl benzyl phthalate	**ND**	**7730**	**4350**	**ug/kg**	**56**		**SW846 8270C**
	ND	**7730**	**4580**	**ug/kg**	**59**	**5.1**	**SW846 8270C**
4-Chloro-3-methylphenol	**ND**	**7730**	**5750**	**ug/kg**	**74**		**SW846 8270C**
	ND	**7730**	**5560**	**ug/kg**	**72**	**3.2**	**SW846 8270C**
2-Chlorophenol	**ND**	**7730**	**5430**	**ug/kg**	**70**		**SW846 8270C**
	ND	**7730**	**5150**	**ug/kg**	**67**	**5.3**	**SW846 8270C**
2,4-Dinitrotoluene	**ND**	**7730**	**5760**	**ug/kg**	**74**		**SW846 8270C**
	ND	**7730**	**5800**	**ug/kg**	**75**	**0.73**	**SW846 8270C**
Hexachloroethane	**ND**	**7730**	**5140**	**ug/kg**	**66**		**SW846 8270C**
	ND	**7730**	**4860**	**ug/kg**	**63**	**5.6**	**SW846 8270C**
4-Methylphenol	**ND**	**15500**	**11500**	**ug/kg**	**75**		**SW846 8270C**
	ND	**15500**	**11400**	**ug/kg**	**73**	**1.5**	**SW846 8270C**
Naphthalene	**ND**	**7730**	**5480**	**ug/kg**	**71**		**SW846 8270C**
	ND	**7730**	**5360**	**ug/kg**	**69**	**2.1**	**SW846 8270C**
4-Nitrophenol	**ND**	**7730**	**5300**	**ug/kg**	**68**		**SW846 8270C**
	ND	**7730**	**5290**	**ug/kg**	**68**	**0.05**	**SW846 8270C**
N-Nitrosodi-n-propyl- amine	**ND**	**7730**	**5250**	**ug/kg**	**68**		**SW846 8270C**
	ND	**7730**	**5110**	**ug/kg**	**66**	**2.6**	**SW846 8270C**
Pentachlorophenol	**ND**	**7730**	**4220**	**ug/kg**	**55**		**SW846 8270C**
	ND	**7730**	**4280**	**ug/kg**	**55**	**1.6**	**SW846 8270C**
Phenol	**ND**	**7730**	**5300**	**ug/kg**	**68**		**SW846 8270C**
	ND	**7730**	**5130**	**ug/kg**	**66**	**3.1**	**SW846 8270C**
Pyrene	**ND**	**7730**	**4890**	**ug/kg**	**63**		**SW846 8270C**
	ND	**7730**	**4890**	**ug/kg**	**63**	**0.01**	**SW846 8270C**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** L980G1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K180533-001 L980G1A5-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	81	(35 - 124)
	81	(35 - 124)
2-Fluorobiphenyl	68	(35 - 105)
	68	(35 - 105)
2-Fluorophenol	73	(39 - 103)
	70	(39 - 103)
Nitrobenzene-d5	69	(25 - 104)
	68	(25 - 104)
Phenol-d5	76	(25 - 105)
	74	(25 - 105)
Terphenyl-d14	63	(25 - 127)
	63	(25 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

GC Semivolatiles

Lot-Sample #...: C0K170477-001 **Work Order #...:** L96PE1AD **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326029
Prep Date.....: 11/22/10 **Analysis Date..:** 11/23/10
Prep Batch #...: 0326043 **Analysis Time..:** 23:46
Dilution Factor: 0.99
% Moisture.....: 13 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
alpha-BHC	ND	1.9	ug/kg
beta-BHC	ND	1.9	ug/kg
delta-BHC	ND	1.9	ug/kg
gamma-BHC (Lindane)	ND	1.9	ug/kg
Heptachlor	ND	1.9	ug/kg
Aldrin	ND	1.9	ug/kg
Heptachlor epoxide	ND	1.9	ug/kg
Endosulfan I	ND	1.9	ug/kg
Dieldrin	ND	1.9	ug/kg
4,4'-DDE	ND	1.9	ug/kg
Endrin	ND	1.9	ug/kg
Endrin ketone	ND	1.9	ug/kg
Endrin aldehyde	ND	1.9	ug/kg
Endosulfan II	ND	1.9	ug/kg
4,4'-DDD	ND	1.9	ug/kg
Endosulfan sulfate	ND	1.9	ug/kg
4,4'-DDT	ND	1.9	ug/kg
Methoxychlor	ND	3.8	ug/kg
alpha-Chlordane	ND	1.9	ug/kg
gamma-Chlordane	ND	1.9	ug/kg
Toxaphene	ND	76	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(45 - 130)
Decachlorobiphenyl	68	(45 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

GC Semivolatiles

Lot-Sample #...: C0K170477-002 **Work Order #...:** L96PH1AD **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326029
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 00:16
Dilution Factor: 0.99
% Moisture.....: 21 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
alpha-BHC	ND	2.1	ug/kg
beta-BHC	ND	2.1	ug/kg
delta-BHC	ND	2.1	ug/kg
gamma-BHC (Lindane)	ND	2.1	ug/kg
Heptachlor	ND	2.1	ug/kg
Aldrin	ND	2.1	ug/kg
Heptachlor epoxide	ND	2.1	ug/kg
Endosulfan I	ND	2.1	ug/kg
Dieldrin	ND	2.1	ug/kg
4,4'-DDE	ND	2.1	ug/kg
Endrin	ND	2.1	ug/kg
Endrin ketone	ND	2.1	ug/kg
Endrin aldehyde	ND	2.1	ug/kg
Endosulfan II	ND	2.1	ug/kg
4,4'-DDD	ND	2.1	ug/kg
Endosulfan sulfate	ND	2.1	ug/kg
4,4'-DDT	ND	2.1	ug/kg
Methoxychlor	ND	4.1	ug/kg
alpha-Chlordane	ND	2.1	ug/kg
gamma-Chlordane	ND	2.1	ug/kg
Toxaphene	ND	84	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(45 - 130)
Decachlorobiphenyl	87	(45 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

GC Semivolatiles

Lot-Sample #...: C0K170477-003 **Work Order #...:** L96PJ1AD **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326029
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 00:47
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
alpha-BHC	ND	2.0	ug/kg
beta-BHC	ND	2.0	ug/kg
delta-BHC	ND	2.0	ug/kg
gamma-BHC (Lindane)	ND	2.0	ug/kg
Heptachlor	ND	2.0	ug/kg
Aldrin	ND	2.0	ug/kg
Heptachlor epoxide	ND	2.0	ug/kg
Endosulfan I	ND	2.0	ug/kg
Dieldrin	ND	2.0	ug/kg
4,4'-DDE	**0.51 J**	**2.0**	**ug/kg**
Endrin	ND	2.0	ug/kg
Endrin ketone	ND	2.0	ug/kg
Endrin aldehyde	ND	2.0	ug/kg
Endosulfan II	ND	2.0	ug/kg
4,4'-DDD	ND	2.0	ug/kg
Endosulfan sulfate	ND	2.0	ug/kg
4,4'-DDT	ND	2.0	ug/kg
Methoxychlor	ND	3.8	ug/kg
alpha-Chlordane	ND	2.0	ug/kg
gamma-Chlordane	ND	2.0	ug/kg
Toxaphene	ND	78	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(45 - 130)
Decachlorobiphenyl	83	(45 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

GC Semivolatiles

Lot-Sample #...: C0K170477-004 **Work Order #...:** L96PL1AD **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326029
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 01:17
Dilution Factor: 0.99
% Moisture.....: 20 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
alpha-BHC	ND	2.1	ug/kg
beta-BHC	ND	2.1	ug/kg
delta-BHC	ND	2.1	ug/kg
gamma-BHC (Lindane)	ND	2.1	ug/kg
Heptachlor	ND	2.1	ug/kg
Aldrin	ND	2.1	ug/kg
Heptachlor epoxide	ND	2.1	ug/kg
Endosulfan I	ND	2.1	ug/kg
Dieldrin	ND	2.1	ug/kg
4,4'-DDE	ND	2.1	ug/kg
Endrin	ND	2.1	ug/kg
Endrin ketone	ND	2.1	ug/kg
Endrin aldehyde	ND	2.1	ug/kg
Endosulfan II	ND	2.1	ug/kg
4,4'-DDD	ND	2.1	ug/kg
Endosulfan sulfate	ND	2.1	ug/kg
4,4'-DDT	ND	2.1	ug/kg
Methoxychlor	ND	4.1	ug/kg
alpha-Chlordane	ND	2.1	ug/kg
gamma-Chlordane	ND	2.1	ug/kg
Toxaphene	ND	83	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(45 - 130)
Decachlorobiphenyl	60	(45 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

GC Semivolatiles

Lot-Sample #...: C0K170477-005 **Work Order #...:** L96PN1AD **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326029
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 01:48
Dilution Factor: 0.99
% Moisture.....: 17 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
alpha-BHC	ND	2.0	ug/kg
beta-BHC	ND	2.0	ug/kg
delta-BHC	ND	2.0	ug/kg
gamma-BHC (Lindane)	ND	2.0	ug/kg
Heptachlor	ND	2.0	ug/kg
Aldrin	ND	2.0	ug/kg
Heptachlor epoxide	ND	2.0	ug/kg
Endosulfan I	ND	2.0	ug/kg
Dieldrin	ND	2.0	ug/kg
4,4'-DDE	**0.48 J**	**2.0**	**ug/kg**
Endrin	ND	2.0	ug/kg
Endrin ketone	ND	2.0	ug/kg
Endrin aldehyde	ND	2.0	ug/kg
Endosulfan II	ND	2.0	ug/kg
4,4'-DDD	ND	2.0	ug/kg
Endosulfan sulfate	ND	2.0	ug/kg
4,4'-DDT	ND	2.0	ug/kg
Methoxychlor	ND	3.9	ug/kg
alpha-Chlordane	ND	2.0	ug/kg
gamma-Chlordane	ND	2.0	ug/kg
Toxaphene	ND	80	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(45 - 130)
Decachlorobiphenyl	89	(45 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

GC Semivolatiles

Lot-Sample #...: C0K170477-006 **Work Order #...:** L96PQ1AD **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326029
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 03:20
Dilution Factor: 0.99
% Moisture.....: 13 **Method.....:** SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS
alpha-BHC	ND	1.9	ug/kg
beta-BHC	ND	1.9	ug/kg
delta-BHC	ND	1.9	ug/kg
gamma-BHC (Lindane)	ND	1.9	ug/kg
Heptachlor	ND	1.9	ug/kg
Aldrin	ND	1.9	ug/kg
Heptachlor epoxide	ND	1.9	ug/kg
Endosulfan I	ND	1.9	ug/kg
Dieldrin	ND	1.9	ug/kg
4,4'-DDE	**0.64 J**	**1.9**	**ug/kg**
Endrin	ND	1.9	ug/kg
Endrin ketone	ND	1.9	ug/kg
Endrin aldehyde	ND	1.9	ug/kg
Endosulfan II	ND	1.9	ug/kg
4,4'-DDD	ND	1.9	ug/kg
Endosulfan sulfate	ND	1.9	ug/kg
4,4'-DDT	ND	1.9	ug/kg
Methoxychlor	ND	3.8	ug/kg
alpha-Chlordane	ND	1.9	ug/kg
gamma-Chlordane	ND	1.9	ug/kg
Toxaphene	ND	77	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(45 - 130)
Decachlorobiphenyl	92	(45 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** MADQP1AA **Matrix.....:** SOLID
MB Lot-Sample #: C0K220000-043

Prep Date.....: 11/22/10 **Analysis Time..:** 04:22
Analysis Date..: 11/24/10 **Prep Batch #...:** 0326043
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Aldrin	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
Dieldrin	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	1.7	ug/kg	SW846 8081A
Endrin	ND	1.7	ug/kg	SW846 8081A
Endrin ketone	ND	1.7	ug/kg	SW846 8081A
Endrin aldehyde	ND	1.7	ug/kg	SW846 8081A
Endosulfan II	ND	1.7	ug/kg	SW846 8081A
4,4'-DDD	ND	1.7	ug/kg	SW846 8081A
Endosulfan sulfate	ND	1.7	ug/kg	SW846 8081A
4,4'-DDT	ND	1.7	ug/kg	SW846 8081A
Methoxychlor	ND	3.3	ug/kg	SW846 8081A
alpha-Chlordane	ND	1.7	ug/kg	SW846 8081A
gamma-Chlordane	ND	1.7	ug/kg	SW846 8081A
Toxaphene	ND	67	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(45 - 130)
Decachlorobiphenyl	102	(45 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** MADQP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K220000-043
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 03:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
gamma-BHC (Lindane)	**95**	**(66 - 124)**	**SW846 8081A**
Heptachlor	**95**	**(70 - 128)**	**SW846 8081A**
Aldrin	**94**	**(70 - 123)**	**SW846 8081A**
Dieldrin	**97**	**(70 - 123)**	**SW846 8081A**
Endrin	**108**	**(70 - 127)**	**SW846 8081A**
4,4'-DDT	**84**	**(61 - 126)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(45 - 130)
Decachlorobiphenyl	102	(45 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** MADQP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: C0K220000-043
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 03:51
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
gamma-BHC (Lindane)	**33.3**	**31.7**	**ug/kg**	**95**	**SW846 8081A**
Heptachlor	**33.3**	**31.8**	**ug/kg**	**95**	**SW846 8081A**
Aldrin	**33.3**	**31.5**	**ug/kg**	**94**	**SW846 8081A**
Dieldrin	**33.3**	**32.3**	**ug/kg**	**97**	**SW846 8081A**
Endrin	**33.3**	**36.0**	**ug/kg**	**108**	**SW846 8081A**
4,4'-DDT	**33.3**	**28.0**	**ug/kg**	**84**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(45 - 130)
Decachlorobiphenyl	102	(45 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** L96PN1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K170477-005 L96PN1AG-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326029
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 02:19
Dilution Factor: 1 **% Moisture.....:** 17

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
gamma-BHC (Lindane)	**72**	**(66 - 124)**			**SW846 8081A**
	73	**(66 - 124)**	**0.99**	**(0-20)**	**SW846 8081A**
Heptachlor	**82**	**(70 - 128)**			**SW846 8081A**
	75	**(70 - 128)**	**8.5**	**(0-20)**	**SW846 8081A**
Aldrin	**83**	**(70 - 123)**			**SW846 8081A**
	75	**(70 - 123)**	**11**	**(0-20)**	**SW846 8081A**
Dieldrin	**82**	**(70 - 123)**			**SW846 8081A**
	81	**(70 - 123)**	**1.5**	**(0-20)**	**SW846 8081A**
Endrin	**92**	**(70 - 127)**			**SW846 8081A**
	71 p	**(70 - 127)**	**25**	**(0-20)**	**SW846 8081A**
4,4'-DDT	**64**	**(61 - 126)**			**SW846 8081A**
	52 a	**(61 - 126)**	**21**	**(0-37)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(45 - 130)
	82	(45 - 130)
Decachlorobiphenyl	89	(45 - 130)
	69	(45 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: C0K170477 **Work Order #...:** L96PN1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: C0K170477-005 L96PN1AG-MSD
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10 **MS Run #.....:** 0326029
Prep Date.....: 11/22/10 **Analysis Date..:** 11/24/10
Prep Batch #...: 0326043 **Analysis Time..:** 02:19
Dilution Factor: 1 **% Moisture.....:** 17

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY		RPD	METHOD
gamma-BHC (Lindane)	**ND**	**40.2**	**29.0**	**ug/kg**	**72**			**SW846 8081A**
	ND	**40.2**	**29.3**	**ug/kg**	**73**		**0.99**	**SW846 8081A**
Heptachlor	**ND**	**40.2**	**32.9**	**ug/kg**	**82**			**SW846 8081A**
	ND	**40.2**	**30.3**	**ug/kg**	**75**		**8.5**	**SW846 8081A**
Aldrin	**ND**	**40.2**	**33.6**	**ug/kg**	**83**			**SW846 8081A**
	ND	**40.2**	**30.1**	**ug/kg**	**75**		**11**	**SW846 8081A**
Dieldrin	**ND**	**40.2**	**33.0**	**ug/kg**	**82**			**SW846 8081A**
	ND	**40.2**	**32.5**	**ug/kg**	**81**		**1.5**	**SW846 8081A**
Endrin	**ND**	**40.2**	**37.0**	**ug/kg**	**92**			**SW846 8081A**
	ND	**40.2**	**28.7**	**ug/kg**	**71**	**p**	**25**	**SW846 8081A**
4,4'-DDT	**ND**	**40.2**	**25.6**	**ug/kg**	**64**			**SW846 8081A**
	ND	**40.2**	**20.7**	**ug/kg**	**52**	**a**	**21**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(45 - 130)
	82	(45 - 130)
Decachlorobiphenyl	89	(45 - 130)
	69	(45 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-01-111610

General Chemistry

Lot-Sample #...: C0K170477-001 **Work Order #...:** L96PE **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**87.0**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322099**

Dilution Factor: 1 Analysis Time..: 08:30 MS Run #.....: 0322070

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-02-111610

General Chemistry

Lot-Sample #...: C0K170477-002 **Work Order #...:** L96PH **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 21

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.0**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322099**

Dilution Factor: 1 Analysis Time..: 08:30 MS Run #.....: 0322070

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-03-111610

General Chemistry

Lot-Sample #...: C0K170477-003 **Work Order #...:** L96PJ **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.1**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322099**

Dilution Factor: 1 Analysis Time..: 08:30 MS Run #.....: 0322070

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-04-111610

General Chemistry

Lot-Sample #...: C0K170477-004 **Work Order #...:** L96PL **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**79.8**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322099**

Dilution Factor: 1 Analysis Time..: 08:30 MS Run #.....: 0322070

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-05-111610

General Chemistry

Lot-Sample #...: C0K170477-005 **Work Order #...:** L96PN **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**82.8**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322099**

Dilution Factor: 1 Analysis Time..: 08:30 MS Run #.....: 0322070

MACTEC Engineering and Consulting Inc

Client Sample ID: BF-06-111610

General Chemistry

Lot-Sample #...: C0K170477-006 **Work Order #...:** L96PQ **Matrix.....:** SOLID
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.6**	**1.0**	**%**	**SM20 2540G**	**11/18-11/19/10**	**0322099**

Dilution Factor: 1 Analysis Time..: 08:30 MS Run #.....: 0322070

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0K170477 **Work Order #...:** L96PE-SMP **Matrix.....:** SOLID
L96PE-DUP
Date Sampled...: 11/16/10 **Date Received..:** 11/17/10
% Moisture.....: 13

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: C0K170477-001		
	87.0	88.1	%	1.2	(0-20)	SM20 2540G	11/18-11/19/10	0322099

Dilution Factor: 1 Analysis Time..: 08:30 MS Run Number..: 0322070

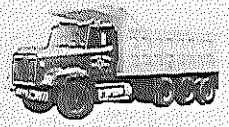
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P.O. Box 171
Watervliet, N.Y. 12189

Phone
674-2854

NO. 600693

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201-184348

SOLD TO	DELIVER TO	ORDER #
DECEMBER '11 COD WEST SAND LAKE, NY	5079 RT. 67, HOOSICK FALLS	6276
		DATE: 12/08/11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
LEWIS	DECE11	000116		29800	

TRUCK	DRIVER	OWNER	HAULER	CODE
17	VINCE			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
TOPY	TOP SOIL -YD	18.00		
99	TRUCK MATERIAL CYD	18.00		

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL
Dlvrd	COD	08:00 AM			

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
	1	

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

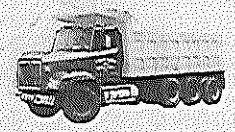
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201-184354

SOLD TO	DELIVER TO	ORDER #
DECEMBER '11 COD WEST SAND LAKE, NY	5079 RT. 67, HOOSICK FALLS	6296
		DATE
		12/08/11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
LEWIS	DECE11	000116		29800	

TRUCK	DRIVER	OWNER	HAULER	CODE
17	VINCE			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
TOPY	TOP SOIL -YD	18.00		
99	TRUCK MATERIAL CYD	18.00		
			TAX	
			TOTAL	

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING
Dlvrd	COD	10:04 AM		

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
	2	

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201-182860

SOLD TO	DELIVER TO	ORDER #
NOVEMBER 2011 NY	5079 RT. 67, HOOSICK FALLS	5215
	91 CK 1053	DATE 11/17/11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
	NOVE11	002149	68200	28220	39980

TRUCK	DRIVER	OWNER	HAULER	CODE
FH03			BAHAN, JOESPH	

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
2 4 99	3/4" LEDGEROCK STONE -IN TRUCK MATERIAL TON	19.99 19.99		3

JOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL
lvrd	COD	12:36 PM			

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
39.98	3	

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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201-182851

SOLD TO	DELIVER TO	ORDER #
NOVEMBER 2011 NY	5079 RT. 67, HOOSICK FALLS	5215

DATE
11/17/11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
	NOVE11	000149	67860	27800	40060

TRUCK	DRIVER	OWNER	HAULER	CODE
MPCHER			TEMPORY TRUCK VENDOR	

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
2 99	3/4" LEDGEROCK STONE -TN TRUCK MATERIAL TON	20.03 20.03		

JOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL
lvrd	COD	11:53 AM			

ONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
39.04	2	

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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201-182810

SOLD TO	DELIVER TO	ORDER #
NOVEMBER 2011 NY	5079 RT. 67, HOOSICK FALLS	5215
		DATE 11/17/11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
	NOVE11	000149	65820	27800	38020

TRUCK	DRIVER	OWNER	HAULER	CODE
TMPCREB			TEMPORY TRUCK VENDOR	

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
. 2 999	3/4" LEDGEROCK STONE -TN TRUCK MATERIAL TON	19.01 19.01		

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL
Blvrd	COD	09:17 AM			

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
19.01	1	

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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201-182913

SOLD TO	DELIVER TO	ORDER #
NOVEMBER 2011 NY	5079 RT. 67, HOOSICK FALLS	5281
		DATE 11/18/11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
	NOVE11	000149	63200	28220	34980

TRUCK	DRIVER	OWNER	HAULER	CODE
BEHOB			BAHAN, JOESPH	

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
2 999	3/4" LEDGEROCK STONE -TN TRUCK MATERIAL TON	17.49 17.49		

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL
Alvrd	COD	08:10 AM			

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
17.49	1	

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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201-182945

SOLD TO	DELIVER TO	ORDER #
NOVEMBER 2011 NY	5079 RT. 67, HOOSICK FALLS	5281
		DATE 11/18/11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
	NOVE11	000149	69000	28220	40780

TRUCK	DRIVER	OWNER	HAULER	CODE
HEHOS			SAHAN, JOESPH	

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
2 99	3/4" LEDGEROCK STONE -TN TRUCK MATERIAL TON	20.39 20.39		

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL
River	COD	10:59 AM				

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
37.88	2	

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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SOLD TO	DELIVER TO	ORDER #
LOU'S ENVIRONMENTAL	5079 RT 67 Hoosick Falls	
		DATE 11/18/11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		MFIN PIT			

TRUCK	DRIVER	OWNER	HAULER	CODE
H501	STEVE		HENNESSEY	

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	SAND PD CHK 1054 11-18-11	18 yd.		+ STONE

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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SOLD TO	DELIVER TO	ORDER #
Curtis Environmental	5179 R-67 Hoosick Falls	
		DATE: 11-21-11

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		Work Pit			

TRUCK	DRIVER	OWNER	HAULER	CODE
11	Vinc			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sand PD CHK# 1055	16 yds	4	64 00
			TAX TOTAL	

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
3 Loads		27187450 PA

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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NO. 553021

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SOLD TO	DELIVER TO	ORDER #
Louis Imwinkl	5097 Rt 67 Hoosick	
		DATE 12.6.10

O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		Miller			

RUCK	DRIVER	OWNER	HAULER	CODE
7	Tony			

RODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	1 0924 R2	924	10	

OB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL

ONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

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Phone
674-2854

NO. 553026

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11:17 AM

SOLD TO	DELIVER TO	ORDER #
LEWIS ENVIORNMENTAL 1119 Route 146	5097 RT 67 HOOSIC	

DATE: 12/6/10

O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		WEIR			

TRUCK	DRIVER	OWNER	HAULER	CODE
9	STEVE			

RODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	FILL SAND	18 YD		

OB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL

ONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

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Phone
674-2854

NO. 553027

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ASTM C33 Material Conformance

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12:35

SOLD TO	DELIVER TO	ORDER #
1235 West Hoosick LEWIS ENVIORNMENTAL	5097 RT 67 HOOSIC	DATE 12/6/XX

#	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		WEIR			

TRUCK	DRIVER	OWNER	HAULER	CODE
9	STEVE			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	FILL SAND	18 YD		

	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

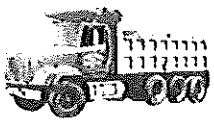
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Phone
674-2854

NO. 553032

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ASTM C33 Material Conformance



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SOLD TO	DELIVER TO	ORDER #
1102 Scott Powell Lewis Environmental	5097 RT 67 Hoosick	DATE 12-6-10

#	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		LeSage			

TRUCK	DRIVER	OWNER	HAULER	CODE
17	Dave			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sandy Fill	18 yds		

TIME	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

2% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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P.O. Box 171
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Phone
674-2854

NO. 553033

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ASTM C33 Material Conformance



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SOLD TO	DELIVER TO	ORDER #
1352 Scott Powell	5097 RT 67 Hoosick	
		DATE 12-6-10

D. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT

TRUCK	DRIVER	OWNER	HAULER	CODE
17				

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sand Fill	18yds		

JOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

2% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

TROY SAND And GRAVEL INC.

P.O. Box 171
Watervliet, N.Y. 12189

Phone
674-2854

NO. 553034

Washed & Processed NYS DOT Approved Materials
ASTM C33 Material Conformance



www.troysandandgravel.com

SOLD TO	DELIVER TO	ORDER #
Lewis Excavating 1727 Route 66	5097 RT 67 Hoosick	
		DATE 12-6-10

#	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		WAre			

TRUCK	DRIVER	OWNER	HAULER	CODE
17	Ulises			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sandy Fill	18 yrs		

	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

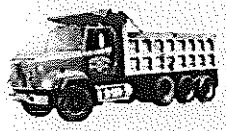
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SOLD TO	DELIVER TO	ORDER #
Lewis Enviromental 1057 Route 67	5097 RT 67 Hoosick	

DATE	TRUCK #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
12-6-10			LARe			

TRUCK	DRIVER	OWNER	HAULER	CODE
7	JW			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	SAND/ Fill	18.05		
			TAX	
			TOTAL	

JOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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SOLD TO	DELIVER TO	ORDER #
Travis L Mulkins Inc Mail 1218 Rt 9W Ste 2	5077 RT 67 Hoosick	

DATE: 12·6·10

#	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		WAre			

TRUCK	DRIVER	OWNER	HAULER	CODE
7	Tim			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	SAND #11	18 YDS		

TIME	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL	

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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Phone
674-2854

NO. 553039

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D TO	DELIVER TO	ORDER #
Lewis Excavating PO# 0735097 12767 1352 Route 146 Hoosick		
		DATE 12.6.10

	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		WARE			

X	DRIVER	OWNER	HAULER	CODE
2	Tom			

CT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sand Fill	18 yds		

	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL

R YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

ER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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Phone
674-2854

NO. 553192

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ASTM C33 Material Conformance



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	DELIVER TO	ORDER #
115 ENV 0835	5097 Rt 67 HOOSIC FALLS	DATE 12/7/10

CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
	ZERONDA			

DRIVER	OWNER	HAULER	CODE
STEVE			

DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
SAND	18YD		

COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL

L.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

ITH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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SOLD TO	DELIVER TO	ORDER #
Lewis Environmental EST 0900	5094 RT 67 Hoosick Falls	
		DATE 12-7-10

#	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		Tarala			

TRUCK	DRIVER	OWNER	HAULER	CODE
17	Vince			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sand	16.61		

TIME	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX / TOTAL

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)
		Wayne Mac

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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NO. 553193

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SOLD TO	DELIVER TO	ORDER #
1031 LEWIS ENVIORNMENTAL	5097 RT 67 HOOSIC FALLS	
		DATE 12/7/10

	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		ZERONDA			

TRUCK	DRIVER	OWNER	HAULER	CODE
9	STEVE			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	SAND	18 YD		

	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL	

TON OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

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P.O. Box 171
Watervliet, N.Y. 12189

Phone
674-2854

NO. 553204

Washed & Processed NYS DOT Approved Materials
ASTM C33 Material Conformance

www.troysandandgravel.com

SOLD TO	DELIVER TO	ORDER #
1102 [illegible]	5097 Rt 67	
[illegible] Environmental	Hoosick	DATE 12-7-1[illegible]

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		Zeppelin			

TRUCK	DRIVER	OWNER	HAULER	CODE
17	Mike			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sand	18 yds		

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING	TAX TOTAL

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

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Phone
674-2854

NO. 553187

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ASTM C33 Material Conformance



www.troysandandgravel.com

TO	DELIVER TO	ORDER #
Twin Environmental 1205	5097 RT 67 Hoosick Falls	
		DATE 12.7.10

	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		Twin			

	DRIVER	OWNER	HAULER	CODE
1	Steve			

CT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sand	16 yds		

	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL
					0	

R YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATURE)

ER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

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Phone
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NO. 553202

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ASTM C33 Material Conformance

www.troysandandgravel.com

SOLD TO	DELIVER TO	ORDER #
1A40 Scott Farrell Lewis Excavating	5077 RT 67 Hoosick	DATE 12-7-16

P.O. #	CUST. #	JOB NO.	GROSS WEIGHT	TARE WEIGHT	NET WEIGHT
		Zerrahn			

TRUCK	DRIVER	OWNER	HAULER	CODE
17	Willie			

PRODUCT NO.	DESCRIPTION	SHIPPED QUANTITY	UNIT PRICE	AMOUNT
	Sand & Gravel	18 yds		

FOB	COD	LEAVE PIT	ARRIVE JOB	START UNLOADING		TAX TOTAL	

TONS OR YD DEL.	NO. OF LOADS DEL.	BY SIGNING YOU AGREE TO THE TERMS ON THE BACK OF THIS AGREEMENT (SIGNATUR

1½% PER MONTH WILL BE CHARGED ON ACCOUNTS OVER 30 DAYS OLD. ANNUAL PERCENTAGE RATE 18%.

TRUCKER'S COPY

APPENDIX H

Survey Data

December 21, 2012

Mr. Eric Reisinger
AMEC
800 North Bell Avenue, Suite 200
Pittsburgh, Pennsylvania 15106

RE: Schmigel Site – Hoosick Falls, New York
CHA Project No.: 24956.1000.34000

Dear Mr. Reisinger:

The following tables provide the requested information for the ground water monitoring wells and the limits of a former excavation, at the Schmigel Site, located in Hoosick Falls, New York:

Monitoring Well Data					
Well	**Northing**	**Easting**	**Ground Elev**	**Steel Casing**	**PVC Casing**
MW 1	Not Found				
MW 2	1494532.074	810024.358	519.9	522.5*	
MW 3	1494646.849	810195.021	530.4	533.38	533.22
OW 27	1494762.958	810177.298	538.4	541.09	540.88
OW 28	1494811.745	810150.333	539.8		539.76
OW 29	1494696.801	810125.715	518.8	522.09	522.41
***Elevation of top of casing cover**					

Horizontal Datum: NAD 83(ft) - New York State Plane Coordinate System, NY East
Vertical Datum: NGVD 1929 (U.S.G.S. BM "TT9 GDF 1942", Elev 448.19')

III Winners Circle, P.O. Box 5269, Albany, NY 12205-0269
T 518.453.4500 • F 518.458.1735 • www.chacompanies.com

Excavation Limit Data Points				
Point #	**Northing**	**Easting**	**Ground Elev**	**Desc**
2010	1494798.883	810149.677	539.1	LIMIT
2011	1494781.668	810157.599	538.5	LIMIT
2012	1494767.335	810165.970	538.2	LIMIT
2013	1494767.559	810177.086	538.0	LIMIT
2014	1494767.881	810183.463	539.0	LIMIT
2015	1494771.451	810195.566	539.6	LIMIT
2016	1494781.429	810191.716	539.6	LIMIT
2017	1494788.123	810195.118	539.8	LIMIT
2018	1494798.732	810203.668	540.3	LIMIT
2019	1494809.457	810201.034	540.5	LIMIT
2020	1494822.721	810194.043	541.6	LIMIT
2021	1494829.630	810192.367	541.5	LIMIT
2022	1494832.413	810180.947	541.5	LIMIT
2023	1494831.881	810174.168	541.0	LIMIT
2024	1494834.295	810166.131	540.6	LIMIT
2025	1494828.353	810155.655	540.5	LIMIT
2026	1494822.458	810150.296	540.5	LIMIT
2027	1494817.672	810148.240	540.1	LIMIT
2028	1494809.656	810154.391	539.9	LIMIT
2029	1494805.037	810153.945	539.5	LIMIT

Horizontal Datum: NAD 83(ft) - New York State Plane Coordinate System, NY East
Vertical Datum: NGVD 1929 (U.S.G.S. BM "TT9 GDF 1942", Elev 448.19')

Well locations and excavation limits were established during an onsite meeting with Mr. Rob Crowley, of your office.

Thank you very much for this opportunity and should you have any questions or require additional information, please feel free to contact me at 518-453-4585 or via the Internet at jquinn@chacompanies.com.



Sincerely,

John E. Quinn, Jr., PLS
Associate

CHA

APPENDIX I

Field Notes

Projects

RICH GALLOWAY (973) 455-4640

BOB BRENENSTUHL (OWNER)
HOME: (518) 686-7716
CELL (518) 810-2831

Fed Ex # 1770 7887 5

Jim Morris 518-402-9814

Steve Cross 315-406-9342
Tom SHAW - 516-322-3886 Heritage

Best Western
220 Northside dr.
Bennington, VT 05201

9/27/10

1

0800 LEFT HOTEL FOR SITE STOPPED TO GET SAMPLING BOWLS, SPOONS, SHOVEL, ZIP LOCK BAGS AND COOLER

ALSO PICKED UP PIN FLAGS AND WHITE MARKING PAINT

DROVE TO SITE FROM ALBANY.

1000 ARRIVED AT SITE BEGAN FINDING STAKES FROM TEST PITS

LAID OUT EXCAVATION AREA IN WHITE PAINT AND RED PIN FLAGS

MR BRENENSTUHL STOPPED - DISCUSSED PLAN FORWARD

MR BRENENSTUHL WANTS THE DRAINAGE DITCH REPAIRED IN THE END.
- SAND SOIL MAY BE STAGED ACROSS ROAD.

11:30 COMPLETED MARKOUT & WENT TO GET LUNCH

1230 BACK ON SITE, BEGAN PREPARING SAMPLE BOTTLE LABELS & JARS. SAMPLES WILL BE ANALYZED FOR TCLP VOCS, TCLP SVOCS, TCLP METALS, PCBS, REACTIVE CN, SO4, PH, IGNITABILITY.

CONTRACTORS BEGAN ARRIVING SO I PUT OFF SAMPLE COLLECTION.

CONTRACTORS ON SITE:

{STEVE CROSS - HERITAGE
{BARRY PRYOR - TMC

MIKE FAITH - LEWIS

TOM MADISON - OPTECH

SHOWED CONTRACTORS SITE

DISCUSSED WORK PLAN REQUIREMENTS.

ASKED FOR DITCH RECONSTRUCTION WITH RIPRAP AS AN OPTIONAL COST.

2:00 CONTRACTORS OFF - SITE FINISHED COLLECTING SAMPLES.

COLLECTED BOTH SAMPLES AS 6-POINT COMPOSITES. TCLP VOC FRACTION PLACED DIRECTLY INTO JARS. ALL OTHER PARAMS PLACED IN MIXING BOWL FOR BLENDING. SAMPLES BLENDED & LARGE ROCKS REMOVED PRIOR TO PLACING IN JARS.

1- 4oz GLASS TCLP VOCS
1- 8oz GLASS TCLP SVOCS / PCBS
1- 8oz GLAS TCLP METALS
1- 8oz GLASS CN SO4 PH IGNITABILITY

NO PRESERVATIVES.

SOIL WAS VERY DRY, MOSTLY SILT & SAND SIZED.

SAMPLE NUMBERS

1450 HON-HFDISP1-0910 COLLECTED FROM REAR OF EXCAVATION AREA

1455 HON-HFDISP2-0910 COLLECTED FROM ROAD-SIDE OF EXCAVATION AREA.

1530 LEFT SITE TO DRIVE BACK TO ALBANY. ICED SAMPLES IN COOLER, COMPLETED CHAIN OF CUSTODY AND DROVE TO FED-EX NEAR ALBANY AIRPORT. SHIPPED SAMPLES TO TESTAMERICA IN PITTSBURGH @ 1730.

GOD

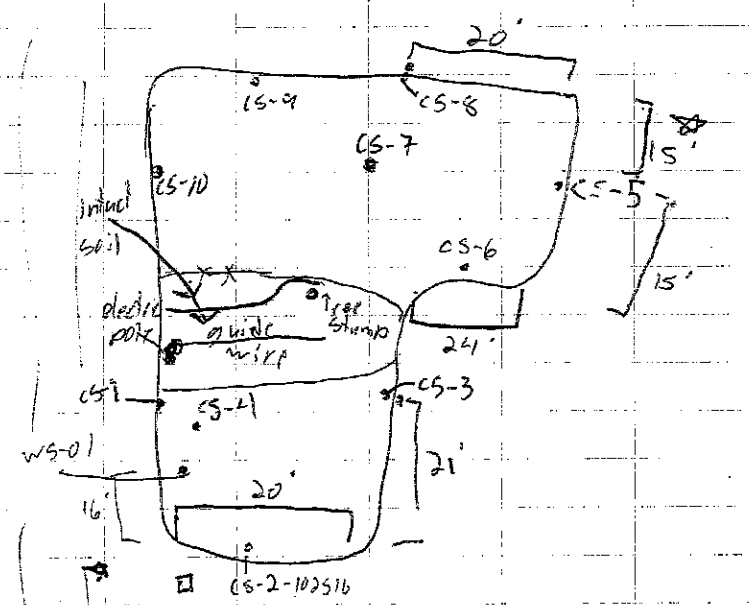
10/25/10

Personnel: Chris Herbert
Rob Crowley

Weather: 45° overcast

Purpose: soil excavation
tree clearing

-0700 on site
- wait for tree clearing company to arrive
-0800 tree service on site
- cut down and chip trees
-0946 NYDEP on site
-1000 Lewis Environmental on site
-1100 tree service off site
- Do H&S walk through
-1155 start excavation clearing
-1156 start air monitoring
-1230 start excavation
- start at South end
-1315 find drum with white material inside PID reading > 100 ppm in the SW corner
-1350 collect MS-01-102510 for grayish black soil on bottom of excavation
- water staying at 4'
- cannot go deeper without



★ = lead samples and VOC monitoring 10/25/10

□ = lead samples and VOC monitoring 10/26

10/25/10

causing the walls to collapse
- 1500 stop excavating for the day
  - stabalize excavation walls
  - moved excavated soil onto plastic
- 1510 recover air samples
  394 liters on SW sampler LSW-1-102510
  386 liters on NE sampler LNE-1-102510
- finish cleaning up site
  - fence in excavation

~~1650 off site~~ CH

1540 collect CS-1-102516 from side wall

1550 collect CS-2-102510 " "

standing water at bottom of excavation

1650 off site

8

10/26/10

Chris Herbert

Weather: 60° foggy

Purpose: Site excavation

-0715 onsite
- there was rain last night
- excavation bottom had ≈ 90% of water
- as we left yesterday talked to Mr. Brenenstuhl
  - he said we can stage dirt right up to pile of tires
- start getting air monitoring equipment prepared

-0745 Lewis onsite
- talk about days activities
- do tail gate meeting

-0805 start air monitoring
- take a scoop of soil from center of excavation to see if water is gone
- water fills the hole dug up
  - find drum shard
  - remove drum shard and do not continue deeper will only dig up more water

9

-0837 recover 5 4th B intact crushed drums ≈ 12' south of electric pole
highest PID reading 37 ppm
all drums are empty
- below the water at ≈ 8-9' is dry black material that was sampled yesterday as WS-1

-0905 collect CS-3-102616

-0930 start digging eastern most part of the excavation

-0940 talk to Rob
- if there is no water in eastern part of the excavation we will mix that soil with the slope in the southern part of the excavation in an attempt to dry out the material to dig deeper

-0953 ~~hit bed~~ 1st bcy believe we hit bedrock at ≈ 9' dry
- will transfer soil from eastern section to southern section of excavation to try and dry out the material

-1010 got all standing water absorbed
- more water coming in from SW corner
- create a dam to get down to ≈ 9-10 feet to collect confirmatory

10/26/10

Sample

-1045 collect CS-4-102610
- stabalize the walls in the southern area then transfer remainder of soil out of the hole

-1130 collect CS-5-102610

-1200 Talk to Rob
- will start flipping soil and confirming there are no drums in the hole 1210 collect CS-6-102610

-1230 collect CS-7-102610 from center of excavation

-1240 NYS DEP on site

-1255 collect CS-8-102610

-1330 start overpacking drums
- collect D-1-102610 @ 1345 green jello material
- collect D-2-102610 @ 1356 white/pink soft wax
- third ~~overpacked~~ CH drum material too hard to sample
- collect D-3-102610 @ 1430 very hard material white

- talked to Rob
- no longer just flipping excavation material will stage for off site disposal

10/26/10

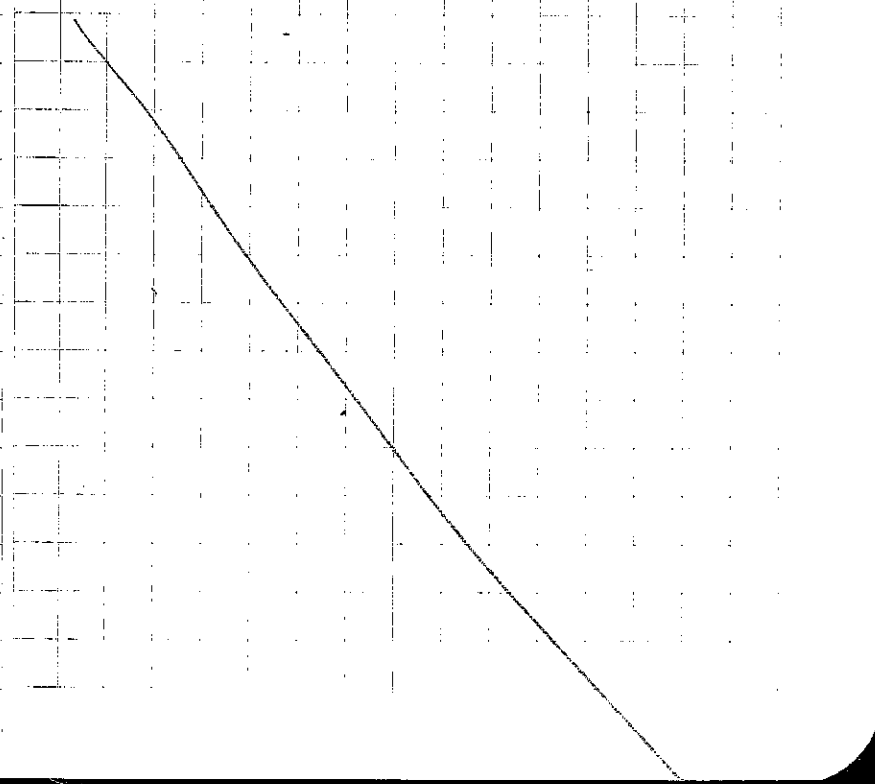
collect sample D-4-102610 @ 1520 white elastic material

-1530 start cleaning up site
- compile drums that need over packed

-1541 collect LNW-1-102610 T=454 vol.=908

-1547 collect LSW-2-102610 T=459 vol.=918
- clean up site
- cover drums
- cover excavated soil
- string fencing around excavation

-1700 offsite



10/27/10

Chris Hortert

Weather: 64° off and on rain

Purpose: Continue excavation activities

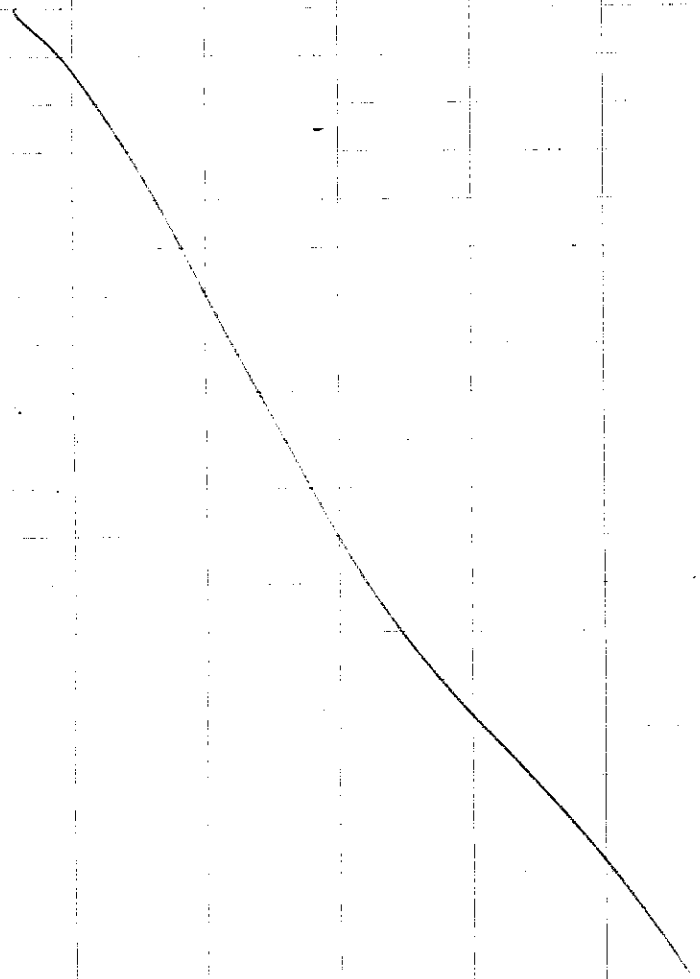
- 0715 on site
- 0725 Lewis on site
- standing water in drive ways appears to have rained all night
- calibrate PID's to 0 and 100 ppm
- 0750 start moving material flipped yesterday
- 0920 complete
  - Continue excavating west
- 1020 start pulling drums out of NW corner
  - recover — 1 empty
    - ≈ 5 white white hard material same as D-3
    - 2 pink soft material like D-2
    - 2 yellow material
- 1110 collect CS-10-102710 CH
- 1120 collect CS-9-102710 with replicate
- need to get more overpack drums
- stage all drums on plastic
- will finish excavation and overpack drums in the morning

- 1300 complete staging drums
  - ~~finish~~ start the remainder of the excavation
- 1330 stop excavation due to odor
  - wait for fumes to dissapate
- 1350 resume excavation wearing a respirator due to high PID in excavator
  - continue to pull drums out
  - ~~air~~ monitoring ok away from excavation
- 1526 as of now have 30 drums to be overpacked
  - discuss the plan for the rest of the week
- 1520 start preparing the site for the evening
- 1530 collect LNW-~~02~~2-102710
  - vol. - 916 L.
  - time 458 min
- 1533 collect LSW-3-102710
  - vol. - 916 L
  - time - 459 min.
- do not use CS-9 or CS-10 due to finding more drums
- Talk with Mike Faith of Lems and Rob from MACTEC to discuss

10/27/10

- remainder of the week and next week

1720 offsite



10/28/10

Chris Hortert

Weather: 49° high winds

Purpose: overpack drums

0850 onsite

- talk to Rob
  - will clean up the site the remainder of this week
  - will wait until we get confirmatory samples then continue excavation

- 0900 wayne from Lewis calls just leaving facility
- 1004 Lewis onsite with 21 drums
  - start unloading overpacks
- 1100 start overpacking
  collect drum samples

1103-D-5-10288 10
1109-D-6-10288 10
1118-D-7-10288 10
1125-D-8-10288 10
1145-D-9-10288 10
1153-D-10-10288 10
1200-D-11-10288 10
1213-D-12-10288 10
1225-D-13-10288 10
1-28-D-14-10288 10

16 10/28/16

1152 truck arrives to load out tires from property owners yard
-1235 D-15 -102810
-1359 D-16 -102810
-1410 D-17 -102810
-1416 D-18 -102810
-1425 D-19 -102810
1430 D-20 -102810
-1240 move over packs from staging area to yard to make room
-1320 complete moving overpacks
-take break
-1350 resume overpacks
1440 D-21 -102816
1442 D-22 -102810
1450 D-23 -102816
1500 D-24 -102810 -will leave in plastic bags too sticky
1507 D-25 -102810
-1515 compole overpacks that are here
-move overpacks to the other side of the road
-1600 offsite

10/29/16 17

Chris Harter
Weather: 50°
Purpose: install silt fence
prep site for weekend
-0720 on site
-0735 Lewis on site
-0752 local newspaper onsite
refer her to Jim Moras
-0754 reporter off site
-0755 start installing silt fence
-0759 neighbor stops by asking questions
attempts to refer him to Jim Moras did not want his #
-0945 complete silt fence
-clean up site
-~~pick~~ load trucks
-1040 offsite

18

11/1/10

Chris Herbert

Purpose: overpack drums move staged

Sol

Weather: 44°

-1050 on site

-Lewis already on site

-overpack drums unloaded

- start overpacking

1130 D-26 -110110

1140 D-27 -110110

1145 D-28 -110110

1200 D-29 -110110

1215 D-30 -110110

1225 D-31 -110110

1230 D-32 -110110

1240 D-33 -110110

1245 D-34 -110110

1255 D-35 -110110

1300 complete overpacking drums

Overpack material that fell out of the drums

-first take lunch

1330 start moving full overpacks from the staging area

1415 complete moving overpacks

start packing material that melted onto the plastic

19

11/01/10

1446 D-36 -110110

1428 D-37 -110110

1435 D-38 -110110

1445 D-39 -110110

1455 D-40 -110110

1510 D-41 -110110

-1520 complete overpacking

-move ~~out~~ overpacked drums

-clean up site

-1600 off site

11/2/10

Chris Horlert

Purpose: move staged excavated material across the driveway

weather: 37° overcast

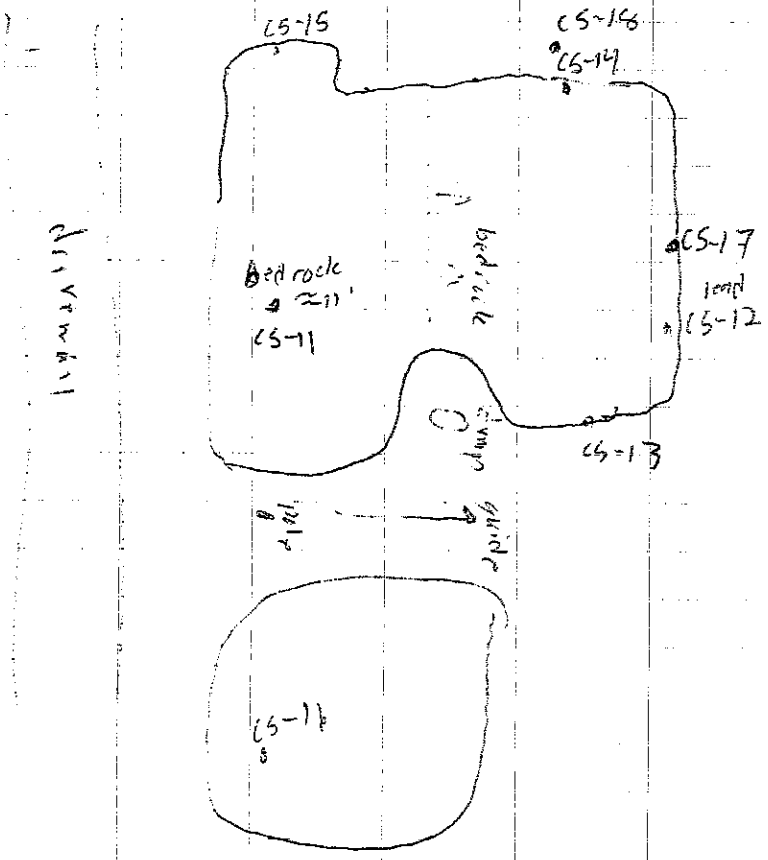
- 0720 onsite
- 0726 Lewis onsite
  - warm up equipment
- 0745 tear down ~~silt fence~~ CH North ≈ 30' of silt fence to create a road for the dump truck
  - uncover soil pile
  - get excavator ontop of pile to start moving excavated material
  - put plastic down where the pile is moving to
- 0826 talk to Rob
  - CS-1 → CS-3 good
  - CS-4 good for lead Acetone ↑ needs VOC sample
  - CS-5 ↑ lead VOC ok
  - CS-6 ↑ Acetone, meth. Lead ok need VOC
  - CS-7 ↑ lead VOC ok
  - CS-8 ↑ lead need VOC
- 0830 start moving excavated material
- 1000 stop moving excavated soil and move excavator to the staging area

west of the driveway to ~~pull~~ CH pile up soil to make more room to continue moving soil from N of the excavation to west of the driveway

- 1130 finish mounding up soil on west side of the driveway
  - clean tracks
- 1150 back ontop of soil mound to the North of the excavation to move more soil to the west of the driveway
- 1300 area west of driveway full
  - bring excavator over to pile the material higher to create more room
- 1430 start ~~form~~ confirming no more drums in existing hole
  - clear hole from east to west to the tree stump hit weathered bed rock
- find more drums on west part of excavation collect
  - ISOC - D-42-110210
  - ISOS D-43-110210
  - ISIO D-44-110210
  - start scrapping bed rock pull up weathered bed rock

11/2/10

CS-19



11/2/10

attempt CS-11-110210 @ 1520
barely any soil mostly rock
- clear perimeter where hits were
collect: CS-12-110210 @ 1605 lead
CS-13-110210 @ 1610
CS-14-110210 @ 1620
- remove upper 4' to continue
excavation North
- 1645 start clean up
- 1730 offsite

11/3/10

Chris Herbert

Purpose: complete excavation

Weather: 32° overcast

-0720 onsite

-0730 Lewis onsite
- warm up equipment

-0750 start digging

-0800 hit bed rock @ ≈ 5' no more drums N. excavation complete
- overpack remaining drums

D-45-110310	@	0840
D-46-110310	@	0845
D-47-110310	@	0855
D-48-110310	@	0905

-0930 complete overpack
move overpacked drums

-0945 collect CS-15-110310 plus replicate from N. wall
- clean excavator

-1020 start laying out plastic to put wet material on to finish S. excavation

-1115 start S. excavation
- collect CS-16-110310 @ 1145
collect D-49-110310 @ 1150
- clean up hole

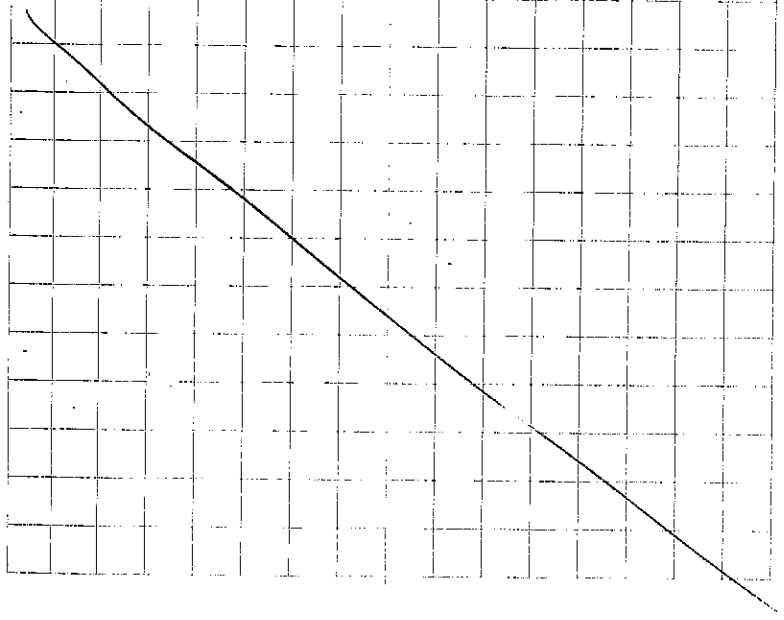
- very close to bed rock pulling up mostly gravel

-1155 complete S. excavation
- complete overpack
- start covering piles and installing silt fence

-1305 Wayne's replacement on site

-1420 Wayne off site
- finish silt fence
- finish putting up construction fence

-1700 off site



11/15/10

Chris Horter

weather: 50° mostly cloudy

Purpose: back fill excavation
load out staged soil

- 0900 on site excavation full of water
  - wait for electric company
- 1007 Lewis Environmental on site
- 1045 electric company on site
  - talk ~~to~~ CH with property owner's son
  - wants the electric pole moved to west side of driveway
- 1115 electric company off site
- saw not working on the tires
  - use excavator to rip apart tires
- will back fill with stone first to deal with water, also having ~~excavator~~ CH 20,000 gallon baker tank delivered for excess water
- level area for baker tank to sit

-1600 off site

11/16/10

Chris Horter

Weather: 45° clear

Purpose: backfill excavation
load out soil

-0730 onsite with Lewis

-0740 trucks start coming

time	truck #	departure time	scheduled time	est. load ~~return~~ accept time
0746	47	0807	0900	23
0903	311	0815	0826	23
0847	313	0855	0840	24
0847	312	0905	0900	23
0933	75	0950	0920	23
0934	76	1000	0940	23
1001	315	1015	1000 ~~0946~~	23
1001	314	1020	1020	23
1025	319	1040	1040	23
1025	14	1053	1100	23
1045	19	1115	1120	23
1142	48	1153	1140	23
1142	54	1159	1200	23
			1220	
			1240	

-0930 frac tank on site

-1030 first truck of backfill rock onsite

-1211 2nd stone truck onsite

11/16/10

-1255 rock truck arrives
- Talk to Heritage
  - no more trucks today for excavated soil
- collect back fill samples for TCLP VOC, TCLP-SVOC, Metals PCB and TCLP-Pesticid
  - BF-01 - 111610 @ 1530
  - BF-02 - 111610 @ 1540
  - BF-03 - 111610 @ 1545
  - BF-04 - 111610 @ 1550
  - BF-05 - 111610 @ 1555
  - BF-06 - 111610 @ 1600
- 1600 offsite to Fedex

11/17/10

Chris Herbert
Weather: 49° overcast light rain
Purpose: backfill and load out
-0730 on site
- set up to pump water out of the excavation
- trucks come

time	truck #	departure	scheduled time	load
0740	47	0802	0800	23
0750	311	0815	0820	23
0826	312	0850	0840	23
0940	19	0950	0900	23
0956	319	1010	0920	23
0957	14	1025	0940	23

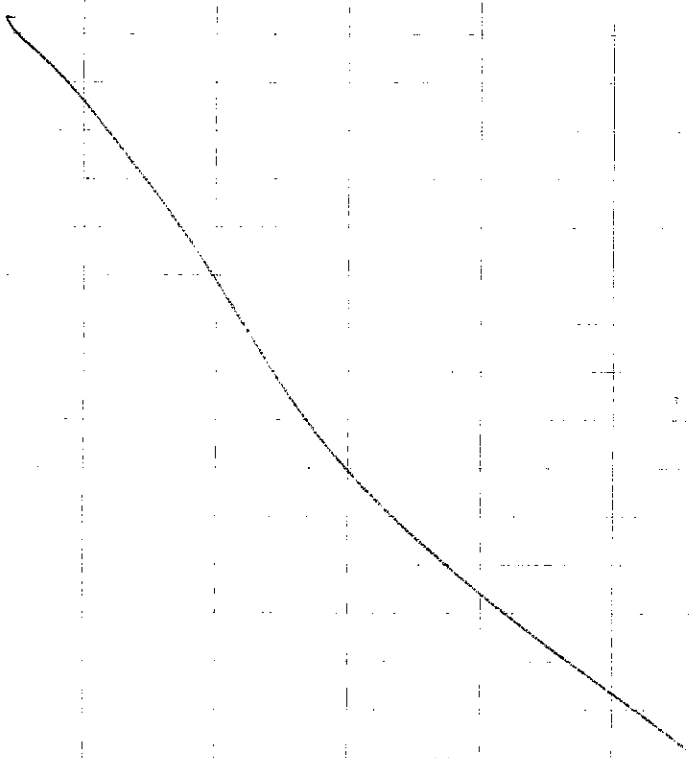
-0834 neighbor comes by asking questions
-1115 lunch
wait for stem
-1200 collect WW-1-111710 water sample
-1215 collect WW-2-111710 water sample
-1230 collect CS-17-111710 for lead
-1240 collect CS-18-111710 for lead
-prior to lunch excavated 3' along east and north walls
-1310 collect CS-19-111710 background lead

XLC75T

30

11/17/10

- 1320 collect CS-20-111710 VOC and lead
- 1430 start digging bottom of Southern area
- 1445 hit bed rock @ ≈ 11'
  - clean out hole for off load tomorrow
  - clean up site.
- 1600 offsite



31

11/18/10

Chris Horter

Weather: 34° mostly clear

Purpose: off load soil

- 0730 onsite
- 0737 trucks on site

Truck #

311 leaves @ 0837

47 leaves @ 0815

- move stone to fill in excavations

12/6/10

Chris Hartert - MACTEC

Sergio > Lewis

- Purpose (Scott) - backfill excavation
- 0700 onsite
  - excavator not on site
  - Lewis dealing with missing equipment
- 0900 talk to Rob
  - frac tank to be pumped out tomorrow
- 0930 first 3 backfill trucks onsite
  - the trucks brough stone instead of fill
  - will take 1 load of stone for Southern excavation send back other trucks
- 1020 excavator onsite
  - backfill excavation and smooth out area
  - 1 stone truck and 8 soil trucks for the day
  - will get 6 more tomorrow to complete backfilling excavation
  - Lewis to pick up heater to melt ice on in the frac tank
- 1500 offsite

12/7/10

Chris Hartert

Weather -25°

Purpose - backfill excavation

- 0800 on site
  - 3"-5" of snow last night
  - use excavator to spread sand so trucks do not slide into the monitoring wells or on the road
  - complete backfill and dress area
  - use a truck and lay gravel down on driveway
- 1600 offsite

12/8/10

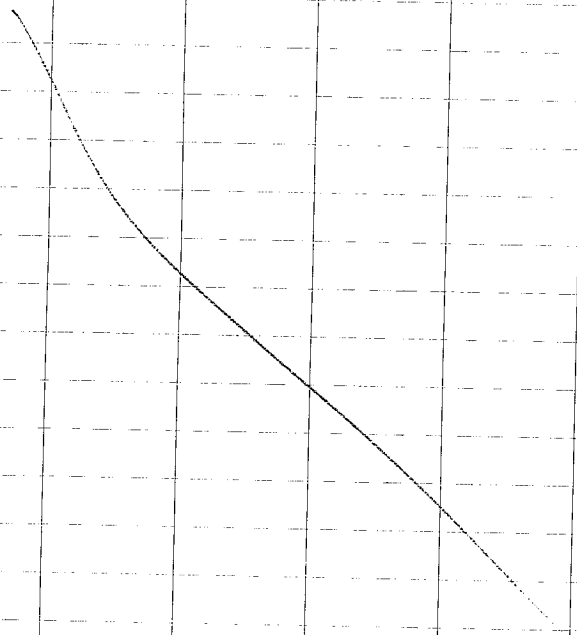
Chris Horter
Weather: 18°
Purpose: pump out frac tank
- 0730 onsite
  - excavator already cleaned and called off
  - wait for vac trucks to arrive
- 0930 first tanker onsite
  - second comes in right after
  - have to defrost valves on trucks
  - while pumping see ≈1" of ice on side walls
- 1130 trucks off site
  - open up side hatch and put tornado heater blowing in the side hatch to melt ice
- 2015 talk to Rob
  - stop for the night
  - will start again in morning before the trucks arrive
- 2030 offsite

12/9/10

Chris Horter
Weather: 7°
Purpose: pump out frac tank
- 0700 onsite
  - open up frac tank
  - ≈ 3/4" of ice on water
  - start heating with tornado heater again
- 0937 first truck onsite
- 1010 second truck onsite
  - axle for pump on first truck broke
  - have to pump with vac truck and transfer to second truck
- 1235 tank truck offsite
- 1245 ~6" tall of water out of the tank
- 1350 Lewis goes in the tank to push the ice to the corner
  - suck out as much water as possible
  - put tornado heaters directly blowing on the ice
- 1425 Vac truck leaves due to driving hours
  - get 55 gal drums for remaining material

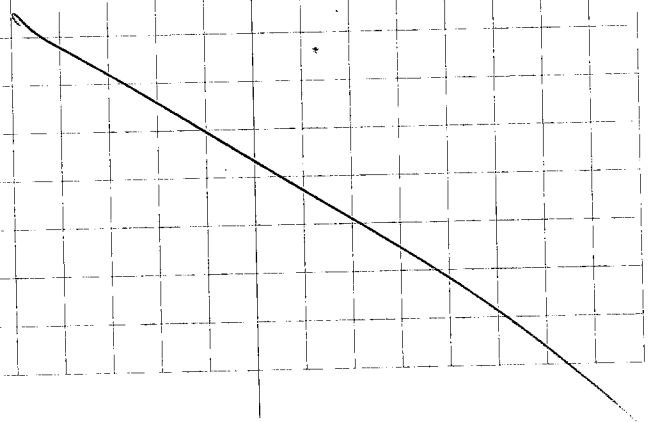
12/9/10

-1800 Lewis goes back in tank to clean up
-1845 out of tank re heat
-~~1915~~ generator fails
-can not heat tank or defrost any water used during cleaning
-will get generator and do a final cleaning in the morning
-~~2040~~ 2015 offsite



12/10/10

Chris Hortert
weather: 8°
purpose: clean frac tank
-0745 on site
-Lewis at rental store getting a new generator
-0815 Lewis onsite
-warm up tank
-1200 attempt to clean tank
-pressure washer line breaks
-go for new pressure washer
-1300 pressure wash frac tank
-1500 complete cleaning
-clean up equipment
-1600 offsite



G.O pg 1 of 1

4/18/11 Drum Pick Up

Personnel: Greg Osusky

Weather: 38°F, Cloudy

Purpose: Pick up all drums on site
- Heritage will pick up drums

0835 Greg O. on-site
drums appear intact - numbers are visable on sides of drums
- Drums D-1, D-5, D-14, & D-29 are Haz

0915 Heritage on-site Kurt & Tom

0945 Heritage begins loading drums
- Bobcat not on-site yet - moving light drums
- no transformer on pole to be moved
- no transformer on pole @ bottom of driveway - transformer is on pole which is about 300 ft West (60 yds) of bottom of driveway on south side of highway - next pole in-line from pole @ bottom of driveway

1005 Bobcat on-site

1115 first round of drums loaded
24 drums remaining

1120 Heritage & Greg O. off-site

1412 Greg back to site Heritage here
- begin loading remaining drums

1501 All drums loaded - offsite - End of Day

Greg S. Osusky 4/18/11

Page not used

Greg S. Osusky 4/18/11

MEETING ON-SITE REGARDING POWER POLE PLACEMENT.

0903 TIM LANCE CALLED TO LET ME KNOW HE WOULD BE LATE. WE WERE SUPPOSED TO MEET AT 9:30.

0955 TIM LANCE FROM NATIONAL GRID ON-SITE. I CALLED BOB BRENENSTUHL (PROPERTY OWNER) TO MEET US.

TIM, BOB & I DISCUSSED THE PLANNED LOCATION OF THE POWER POLE. ~~THE~~ POLE WAS/IS TO BE PLACED ADJACENT TO ~~THE~~ AN EXISTING POLE ON THE WEST SIDE OF MR BRENENSTUHL'S DRIVEWAY. THE NATIONAL GRID CREW APPARENTLY WANTED TO PLACE THE POLE ~ 20' EAST, NEAR THE DRIVEWAY.

NOTE THAT THE DESIGN LOCATION HAD BEEN AGREED TO BY NATIONAL GRID (TIM LANCE) AND THE PROPERTY OWNER (BOB BRENENSTUHL).

IT WAS DETERMINED THAT THE DISCREPANCY WAS AN APPARENT MISCOMMUNICATION WITHIN NATIONAL GRID, NOT DUE TO MOVING STAKES.

THE LOCATION WAS STAKED BY MR LANCE, SO THE POLE CAN BE SET.

WE WILL NEED TO ARRANGE TO HAVE TREES CUT TO CLEAR THE ROW. THE TREES ARE ENTIRELY ON MR BRENENSTUHL'S PROPERTY AND HE IS OK WITH CUTTING THEM.

1045 FINISHED & LEFT SITE

11/15/11

Personnel: Eric Weiler & Rob Crowley
Weather: 50s cloudy
Purpose: Excavate soils under and around telephone poll. Dispose of tires & trash and rip rap drainage swale.

EW & RC onsite @ 1230

Meet w/ property owners son and neighbor to discuss planned work

Telephone line still on poll, wire has been disconnected at either end of next poll. However line is still on poll. RC calls phone company to discuss when line and poll will be removed.

Lewis has excavator onsite Case CX160 with thumb attachment.

Lewis onsite w/ two people, one dump truck and one supply truck w/ ~10 overpacks.

H&S tailgate after briefing of planned site activities.

Lewis sets up and starts Husky 5000 watt generator to run corded saw all for cutting tires.

~~Lewis~~ RC offsite @ 1400

Lewis begins cutting tires removing tires from rims and cutting remaining rubber into quarters.

Lewis also lays out plastic to stage soil on for disposal. Staging areas along the N end E sides, away from road of excavation.

Remove large tree stump. Lewis also removes guide wire. snapping the line @ the connection to the anchor.

Water entering excavation from the North in gravel material

11/15/11

Appox. depth to water 2' bgs filling excavation area.

Lewis set additional staging area for large pieces of concrete which can be returned to the excavation.

Find the gravel backfill from past excavations on the N E and most of S ends of the excavationo area.

No intact drums encountered 3 drum carcassed filled w/ solid material, some orange and white in color. mostly white Will put into overpack drums and Sample for disposal.

Lewis and EW offsite @ 1700

11/16/11

Personnel: Eric Weller
Weather: 50s cloudy
Purpose: Same
Equipment: Camera
PID
Bottles/Coolers
XRF

EW onsite @ 0715 Lewis already onsite warming up equipment.

Lewis puts drums pieces with material inside overpack drums.

Lewis continues excavation downward scraping the bottom for drums as the side extents have been verified by observed backfill material from previous work at site.

EW sample 2 of the overpack drums Overpack-1-1111 @ 0915 and Overpack-2-1111 @ 0930

Will collect all soil samples for disposal characterization which includes: TCLP, VOCs, TCLP SVOCs TCLP Metals, TCLP Mercury, Paint Filter Ignitability, Sulfide, and Cyanide. Samples collected in 2 jars: 4oz clear jar for TCLP VOCs and a 1L clear jar for waste parameters

Collect Sample Overpack-3-1111@1145

Verizon onsite @ 0900 to remove pole and telephone line. They were here to put up line but recieved clearance to remove line and pole.

First they disconnected the line by Rt 67A then removed line from abandoned pole then from the pole uphill @ house.

There @ 4 to 5 trucks onsite for Verizon.

A different truck removes old pole located next to new 26-1 pole and then removes the pole located inside excavation area.

Verizon lays both removed poles on ground next to roadway opposite excavation area.

Verizon offsite @ 1115

EW offsite for lunch 1215-1245

Collect Sample Overpack-4-1111@1330

Samples from Overpack 1&2 are dry, hard chips of material while 3 and 4 are mostly ~~thistle~~ softer rubbery which can be cut.

Lewis also continues cutting tires into quarters

Collect Sample Overpack-5-1111@1345

11/16/11

Overpack-6-1111 @ 1400

Overpack-7-1111 @ 1430

Overpack-8-1111 @ 1500

Overpack-9-1111 @ 1530

Continue excavating soil towards the west where the pole had been. Encountering bedrock along the way.

Number the drums will put labels or mark drums completely tomorrow.

Will try to ship samples to lab tonight.

Because of forecasted rain piles will be covered overnight.

EW & Lewis offsite @ 1700

11/17/11

Personnel: Erik Weiler
Weather: 40s cloudy
Purpose Load trucks, excavate last of soil backfill excavation
Equipment: Same

EW onsite @ 0630 Lewis already onsite.

Expecting 6 trucks today starting @ 0700 to load soil for disposal.

1st 2 trucks arrive @ 0815 loaded & offsite @ 0835

2nd 2 trucks onsite @ 0840 loaded & offsite @ 0905

3rd 2 truck onsite @ 0910 loaded & offsite @ 0940

Lewis continues to cut tire with saw all and generator.

11/17/11

Lewis consolidates remaining soils into one pile.

Stone truck arrives @ 1015

Place crushed drum w/ material into last overpack drum #10

Collect Sample Overpack-10-1111@1045

2nd and 3rd loads of stone delivered after lunch

Collect Sample Confirm-1-1111@ 1430 for VOCs and lead

1520 ERIC LEFT SITE FOR AIRPORT.
CONTRACTOR STAGING WASTE SOIL AND QUARTERING TIRES.

1700 CLEANED UP, PUT FENCE UP ON ROAD & LEFT SITE.

11/18/2011

0650 ON-SITE - CONSTRUCTION CREW NOT ON SITE YET.

0700 LEWIS ON-SITE. CLEANING UP MISC. TRASH & PUTTING IT WITH DEBRIS.

HAD LEWIS PUSH ROCK INTO EXCAVATION AS MUCH AS POSSIBLE.

0900 ALL DEBRIS SEGREGATED, ROCK PLACED IN 3/4 OF EXCAVATION
WAITING ON BACKFILL AND WASTE HAULING TRUCKS.

0905 FIRST LOAD OF ROCK ON-SITE ZACK HAD HIM DUMP INTO EXCAVATION.

11/21/11

Personnel: Eric Weiler
Weather: 40s mostly cloudy
Purpose: Continue Backfilling excavation
~~Equipment~~: Same

EW onsite @ 0700

Lewis onsite all soil offsite for disposal on friday.

Excavation area was backfilled w/ gravel to above water level and then one load of sand placed on top.

Waiting on sand and stone arrival from quarry.

Large rip rap stone 6" to 12" onsite @ 0915. Put stone on rolled ~~out~~ geotextile fabric nonwoven placed into swale down from excavation area.

1st load of sand delivered at 0920. Expect 2 more loads of sand expected today.

Both loads arrive by 1 pm

Place sand throughout to level out area and have drainage towards roadway

Also, create burm along roadway for water drainage.

Place 1st load of rip rap and spread out approx cover a little less than ½ of area.

Stack drums in line beside roadway

EW & Lewis offsite @ 1500

S

11/22/11

Personnel: Eric Weiler
Weather: 40s Sunny
Purpose: Continue site restoration
Equipment: Same

EW onsite @ 0715 Lewis already onsite.

Will recieve 2 loads of rip rap stone today.

Place extra straw bales on area disturbed by construction activities

1st load of stone arrives @ 1145 place on geotextile

Remove cones, paint wells orange to make more distinguishable.

2nd load of stone arrives and Lewis spreads over geotextile.

EW offsite to catch flight. @ 1330.

Lewis will clean up material and any construction materials and mobilize offsite

Recieve a call from contractor property owner thought additional soil would be placed at previous stockpile area to fill in embankment. Lewis is unable to pay for any additional soil so they can not get any more. When AMEC is back onsite for drum removal the soil will be backfilled. Owner will contact Rob Crowley and he will inform property owner at that time.

Personnel: Eric Weiler
Weather: 40° F rain and cloud
Purpose: Fill low spot w/ paddle and deliver 2 loads of topsoil.
Equipment: Camera
Bobcat T190 Track

EW onsite @ 0715 Lewis already onsite.

Take pictures. There is a location of soil that settled between drainage swale and driveway, where drums are sitting.

Lewis moves drums to other side of roadway. using drum holder on Bobcat.

Lewis moves tires to allow room to deliver topsoil where soil was staged during original soil removal.

Lewis off-site to get stone to backfill low spot beside roadway. Lewis uses roll-off trailer to bring soil.

Lewis places soil/gravel in low spot Use berm from previous activity to be high side of fill and roadway as low side. Use bobcat to backdrag and smooth out gravel.

Use additional gravel to fill potholes in drive. Smooth out all ruts from work activities.

Topsoil for fill at previous stockpile area can not be delivered today will be delivered tomorrow.

EW offsite @ 1530

S

12/8/11

Personnel: Eric Weiler

Weather: 30s, sunny, snow overnight

Purpose: Have 2 loads of topsoil delivered

Equipment: Same

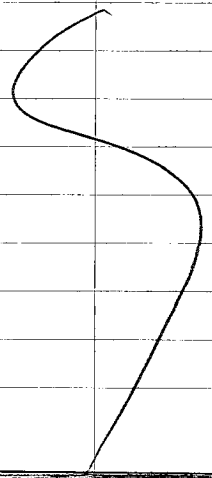
EW onsite @ 0730

Lewis onsite @ 0830, having mechanical problems with roll off truck, could not get truck started.

1st truck delivered @ 0845

2nd truck delivered @ 1045

EW and Lewis offsite @ 1100



12/22/11

Eric Weiler

40s Sunny

Load out drums for disposal

Equipment: Bobcat w/ Forks attachment

EW onsite @ 1000

Heritage onsite with Box truck to haul drums away.

4 drums were knocked over in past week since Heritage onsite to inspect drums for removal. In talking to site owner the drums were knoked over by tractor-trailer onsite to remove property owners tires.

Heritage has 2 employees onsite to move ~~trucks~~ drums inside box truck, also have operator onsite to use bobcat to place drums onto truck lift gate.

Load all drums, sign manifest paperwork

EW & Heritage offsite @ 1200