SITE CHARACTERIZATION
FINAL REPORT

KAPLAN'S SCRAP YARD INC.
104 E. WOODLAWN AVENUE
ELMIRA, NEW YORK

NYSDEC ORDER
#B9-0727-06-08

NYSDEC SITE
#HW808042

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Prepared For:
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway
Albany, New York 12233

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Engineer's Certification

I Mark P. Ruhnke, P.E., certify that I am currently a NYS registered professional engineer and that this Site Characterization Final Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigations and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Eisenbach and Ruhnke Engineering, P.C.

6/5/2012

Mark P. Ruhnke, P.E.
Vice President

Executive Summary

This report presents the findings of a Site Characterization Investigation ("SC Investigation") completed in July 2006 at the Kaplan's Scrap Yard, Inc. ("the Site"), located at 104 East Woodlawn Avenue in Elmira, New York. The SC Investigation was performed under Consent Order ("Order") #B9-0727-06-08 between the New York State Department of Environmental Conservation ("Department") and Kaplan's Scrap Yard, Inc.

The scope of work for the SC Investigation is defined in the Site Characterization & Interim Remedial Measure Work Plan ("SC/IRM Work Plan") completed by E&R and approved by the Department. The purpose of the SC Investigation is to further define the extent of environmental impact present on-site, assess off-site adjacent properties for impacts, and determine if additional remediation is needed beyond the proposed interim remedial measures. The investigation consisted of the following scope of work:

1.) Assessment of surface soil and groundwater in the former slag pile area (Samples: Refer to Figure 4, B-10-SS-01 & B-10-SS-02);
2.) Additional assessment of surface soil in the metal processing areas;
   a.) on-site (Samples SS-12 & SS-13)
   b.) off-site (Samples SS-10 & SS-11)
3.) Installation of additional soil borings finished with monitoring wells at the following locations:
   B-8/MW-8 - hydraulically up-gradient soil boring/monitoring well west of the fence line on the northwest boundary of the Site;
   B-9/MW-9 - soil boring/monitoring located east of the PCB soil removal area;
   B-10/MW-10 - soil boring/monitoring located in former Slag Pile Area;
   B-11/MW-11 - soil boring/monitoring located east of the Paper Building, hydraulically down gradient of subsurface petroleum spill area;
   B-12/MW-12 - soil boring/monitoring located at southeast corner of site.
4.) Additional assessment of PCB Impacted soil on northeast corner of the site (refer to Figure-5, samples PCB-01 through PCB-15).
5.) Provide recommendations for remediation and/or institutional controls to prevent health exposures or further releases of contaminants into the environment.
6.) Report groundwater sampling results completed during the site remediation in 2010 and 2011.

Upon completing the scope of work and reviewing the data, E&R has identified the extent of PCB impacted soil on the northeast corner of the site, and E&R has verified low-level SVOC, Metals and PCB impact in the surface soils throughout the site. Based on the findings, E&R has developed the following recommendations for site remediation and long term institutional controls.

A remedial measure is recommended for the PCB-impacted soils on the northeast corner of the site. E&R proposes all soil with a total PCB concentration greater than or equal to 1 mg/kg be excavated, as shown on Figure-5, and disposed off-site. This PCB remediation work is to be done under an USEPA approved Self-Implemented Cleanup Plan per 40 CFR 761.61(a).

SVOCs, metals and PCBs are present on the Site above the NYSDEC TAGM 4046 soil cleanup levels for unrestricted (residential) use, but are generally below the 6NYCRR Part 375-6 Remedial Soil Cleanup Objectives for Protection of Public Health at Restricted Use Industrial Sites. In order to continue to utilize the Site for industrial use, without performing extensive remediation, and still provide protection for human health and the environment, the Site should be restricted to industrial use in the form a deed restriction or environmental easement.

All work activities (site characterization tasks) described within this report were performed in accordance with the Department approved Site Characterization and Interim Remedial Measure Work Plan, Completed by Eisenbach and Ruhnke, Engineering, P.C., dated July 25, 2006, revised April 30, 2007.

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1.0 INTRODUCTION

1.1 Statement of Purpose

This report presents the findings of a Site Characterization Investigation ("SC Investigation") completed in August 2007 at the Kaplan's Scrap Yard, Inc. ("the Site"), located at 104 East Woodlawn Avenue in Elmira, New York (see Figures 1&2). The SC Investigation was performed under Consent Order ("Order") #B9-0727-06-08 between the New York State Department of Environmental Conservation ("Department") and Kaplan Scrap Yard, Inc and was approved in July of 2006.

The scope of work for the SC Investigation is defined in the Site Characterization & Interim Remedial Measure Work Plan ("SC/IRM Work Plan") completed by E&R and approved by the Department June 1, 2007. The purpose of the SC Investigation is to further define the extent of environmental impact present on-site, assess off-site adjacent properties for impacts, and determine if additional remediation is needed beyond the proposed interim remedial measures.

The scope of work and tasks are presented below and discussed in detail within the following report.

1.2 Scope of Work

The scope of Work for this investigation includes the following tasks (refer to Figure -4):

1.) Assessment of surface soil and groundwater in the former slag pile area (Samples: B-10-SS-01 & B-10-SS-02);
2.) Additional assessment of surface soil in the metal processing areas;
   a.) on-site (Samples SS-12 & SS-13)
   b.) off-site (Samples SS-10 & SS-11)
3.) Installation of additional soil borings finished with monitoring wells at the following locations:
   B-8/MW-8 - hydraulically up-gradient soil boring/monitoring well west of the fence line on the northwest boundary of the Site;

   B-9/MW-9 - soil boring/monitoring well located east of the PCB soil removal area;

   B-10/MW-10 - soil boring/monitoring well located in former Slag Pile Area;

   B-11/MW-11 - soil boring/monitoring well located east of the Paper Building, hydraulically down gradient of subsurface petroleum spill area;

   B-12/MW-12 - soil boring/monitoring well located at southeast corner of site.
4.) Additional assessment of PCB Impacted soil on northeast corner of the site (refer to Figure-5, samples PCB-01 through PCB-15).
5.) Provide recommendations for remediation and/or institutional controls to prevent health exposures or further releases of contaminants into the environment.
6.) Report groundwater sampling results completed during the site remediation in 2010 and 2011.

1.3 Report Organization

The remainder of this report is organized into the following sections: Section 2.0 gives the Site Background, Section 3.0 presents Site Cleanup Criteria and Guidance Values (SCGs), Section 4.0 presents Investigation Procedures, Section 5.0 presents the Site Characterization Tasks, Section 6.0 presents the Site Physical Conditions/Field Observations, Section 7.0 presents Environmental Media and Site Contaminants, Section 8.0 presents Site Contaminants and Sources, Section 9.0 presents Migration Routes, Section 10.0 presents Routes of Exposure, Section 11.0 presents Exposure Pathways, Section 12.0 presents Significance of Findings and Recommended Remedial Actions, and Section 13.0 lists References.

2.0 SITE BACKGROUND

2.1 Site Description

The Site is approximately 1.9-acres in size and is located in the City of Elmira, New York. The parcel is identified on Chemung County Tax Map, Sheet number 079.18, as Parcel 23 in block 4 and is zoned IA – light industrial.

The Site is currently developed as an industrial scrap metal recycling facility. The facility includes a gravel access road, scale, office area, two storage buildings and various recycling equipment (see Figures 2&3). The recycling equipment on-site includes: two mechanically driven scissor shears, two mechanically driven paper balers, a dormant "Harris" metal baler, a mobile metal baler and various cranes.

The property is essentially 95% covered with scrap metal, buildings, access roads and equipment.

2.2 Site History

Based on a review of County tax and deed records, the current Owner of the property is Kaplan Scrapyard, Inc, which acquired the property from Leonard Kaplan in 1995.

Based on an interview with Mr. Misnick (owner/operator), the site has been used for scrap metal recycling by the Kaplans since the property was acquired by Leonard and Arthur Kaplan in 1964, from the Lehigh Valley Railroad. Prior to the Kaplan's acquiring the property, the property is reported to have been used as a coal yard.

The Lehigh Valley Railroad, or Canal Railroad Company, acquired the property in 1881 from the State of New York.

Review of a 1931 Sanborn Fire Insurance map reveals the Site is developed with a railroad and adjacent properties are developed with railroads (E&R, Phase 1). Review of a 1950 Sanborn Fire Insurance Map reveals the Site is occupied with the B.A.H. Coal Company, railroads and ore sheds. Sanborn maps for 1988, 1990 and 1992 show the property occupied with "Junk sheds" that are believed to be the same structures that currently occupy the Site (E&R, Phase 1).

2.3 Previous Investigations

A Phase I Environmental Site Assessment was completed by Eisenbach and Ruhnke (E&R, Phase 1) dated May 26, 2005. An Environmental Investigation was completed by Eisenbach and Ruhnke (E&R, Environmental Investigation) dated September 15, 2005.

3.0 STANDARDS, CRITERIA AND GUIDANCE (SCGs)

The analytical results for on-site surface and subsurface soil samples are being compared to 6NYCRR Part 375-6 Remedial Soil Cleanup Objectives for Protection of Public Health at Restricted Use Industrial Sites, Table 375-6.8(b) ("375-RUSCO").

The results of both on-site and off-site groundwater analysis are compared to the NYSDEC Division of Water, *Ambient Water Quality Standards and Guidance Values* ("NYS Groundwater Standards).

The off-site surface and subsurface soil samples have been compared to the "*New York State Department of Environmental Conservation, Division of Hazardous Waste Remediation, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives*" ("TAGM 4046-RSCO").

4.0 INVESTIGATION PROCEDURES

This section provides a description of the methodologies used for conducting the field investigation. All sample collection was in general accordance with SC/IRM Work Plan and the NYSDEC DER-10 Sampling Guidelines Documents. Sampling included the use of trip blanks, field blanks, duplicates and laboratory QC samples. The investigation content was based on the NYSDEC's DER 10 Guidance Document.

4.1 Surface Soil Sample Collection

Surface soil samples were collected by using a hand-operated steel auger. The auger would be advanced into the surface soils at 6-inch depth intervals. Soil would be emptied from the auger into plastic bags. The sample would then be homogenized in the plastic bag and then the soil would be placed into a glass sample container. The container would then be labeled and placed on ice for delivery to the laboratory. Augers were decontaminated with an Alconox detergent solution between uses.

4.2 Soil Boring Installation

Soil borings were installed throughout the site using a truck mounted geoprobe rig to a depth of approximately 6 to 20 feet below grade. The borings were advanced in 4-foot intervals using 2-inch diameter, 4-foot long, hollow core with PVC lined tubes (core tubes). These hollow cores with the PVC core tubes were advanced using the geoprobe push rod and pneumatic hammer system. The hollow cores were extracted and the core tubes containing the soil sample were removed, cut open and given to the engineer for assessment. All core tubes were disposed of after each use, and all hollow core sampling tubes were decontaminated with an Alconox detergent solution between uses.

4.3 Soil Assessment

Soil samples were collected from the core tubes that were removed from the hollow core samplers. Soil samples were examined by the field engineer and classified for environmental and geologic characteristics. The geologic characteristics included change in stratifications and soil types, such as rock, sand, and clay. The environmental condition of the samples was assessed by inspecting for signs of staining, oil, odors and VOCs using a PID[1]. Soil samples were removed from the core tube, in two-foot sections, and placed in a plastic zip-lock bag and labeled with boring ID and depth interval. The sample was assessed again for the presence of VOCs, odors and staining. A PID meter was inserted into the bag and was observed for PID readings. If staining was identified, water would occasionally be added to the sample to determine if sheen would develop. All observations and PID readings were recorded in the Boring Logs (see Appendix B).

4.4 Subsurface Soil Sample Collection

Soil samples were collected from depths revealing the highest PID readings or heaviest staining. When no PID readings or staining was observed, samples were collected from the zone of fill material, if identified, or if no fill was present, from soil above the groundwater table. All soil samples collected were placed on ice and delivered to the laboratory via chain of custody.

4.5 Monitoring Well Installation & Development

Monitoring wells were installed by finishing the geoprobe soil borings with 1.25-inch PVC, 0.10-inch slotted screened, monitoring wells. Each well was approximately 15 to 20 feet deep including 10 to 15 feet of screen and a five foot section of a solid riser. The wells were finished with a quartz sand pack, bentonite clay seal at the surface and protective steel coverings. Well construction details are included in the Boring Logs (see Appendix-B).

The monitoring wells were developed by using a peristaltic pump and purging water until three volumes were removed, the well went dry, or water being removed had no visible silt loading or discoloration.

4.6 Groundwater Assessment

Prior to collection of groundwater samples, the depth to the groundwater table from the top of well casing was recorded. Groundwater samples were then collected from the monitoring wells using a peristaltic pump. Observations of the groundwater conditions, including color, turbidity, odors and presence of product or sheens were recorded on the Groundwater Sampling Logs (see Appendix – B).

The elevations of the groundwater table have been plotted as contours and are included as Figure -6.

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[1] PID-Photoionization detector, used for detection of volatile organic compounds (11.7eV lamp)

4.7 Groundwater Sampling

Groundwater samples were collected from the monitoring wells using a peristaltic pump. Prior to the sampling, the water temperature, pH and turbidity were measured. The wells were purged until the turbidity was less than 50 NTU. Once the turbidity was less than 50 NTU, groundwater was collected in the sample containers, labeled and placed on ice for delivery to the laboratory. Observations of the samples and the condition of the wells have been recorded on the groundwater sampling Logs (see Appendix –B).

5.0 SITE CHATACTERIZATION TASKS

5.1 Assess Soil and Groundwater in the Former Slag Pile Area.

Remedial action was necessary to remove the slag material that was classified as hazardous waste due to its lead leachability. This slag was removed and the remaining soil and groundwater in this area was assessed for residual impact as discussed below.

To assess this area, two surface soil samples were collected from the locations shown on Figure-4; Samples: B-10-SS-01 (6-19") and B-10-SS-02 (7-24"). The SC/IRM Work Plan called for collecting these samples from 0 to 2-inches below ground surface, but the actual samples were collected from the depths indicated in the sample name. The reason for the change in the depth is due to the fact that fill material was imported and placed on the ground where the slag had been removed. The samples were collected from original soil located below the imported fill material.

Sample B-10-SS-01 (6-19") was analyzed by laboratory procedure for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Sample B-10-SS-02 was analyzed by laboratory procedure for TAL Metals only.

Sample B-10-SS-01 (6-19")

VOCs- No VOCs were detected in sample B-10-SS-01 above the 375-RUSCO levels.

SVOCs- No SVOCs were detected in sample B-10-SS-01 above the 375-RUSCO levels

TAL Metals- One Metal was detected in sample B-10-SS-01 at levels exceeding the 375-RUSCO: Arsenic (24 mg/kg).

PCBs- No PCBs were detected in sample B-10-SS-01.

Pesticides/Herbicides- No pesticides or herbicides were detected in sample B-10-SS-01 above the 375-RUSCO levels

Sample B-10-SS-02 (7-24")

TAL Metals- No Metals were detected in sample B-10-SS-02 at levels exceeding the 375-RUSCOs.

The SC/IRM Work Plan called for placing a soil boring and monitoring well at this location to assess the subsurface soil and groundwater from impact from the slag. A monitoring well was attempted multiple times to be placed at this location, but the boring was refused at approximately 11-feet below grade. No groundwater sample was collected from this location. A subsurface soil sample was collected and results are discussed in Section - 5.3.4.

5.2 Additional Assessment of Metal Processing Areas

Additional surface soil samples were collected from on-site and off-site metal processing areas. The off-site samples were required by the NYSDEC on the southwest side of the site where the scrap operations have expanded onto an adjacent leased property (see Figure-4).

5.2.1 On-site Areas

Two (2) additional surface soil samples were collected from the Metal Processing Area as shown on Figure-4, samples SS-12 & SS-13. These samples were collected from the top six inches of soil and were analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals.

Table-2 is a summary of the surface soil sample results compared to Part 375 -RUSCOs for industrial sites. The following is a summary of the results categorized by contaminant:

Soil Sample SS-12
VOCs- No VOCs were detected in SS-12 above the 375-RUSCO levels.

SVOCs- One SVOC compound was detected in the SS-12 sample above the 375-RUSCOs: Benzo(a)pyrene (3000 ug/kg) .

TAL Metals- No metals were detected in SS-12 at levels above the 375-RUSCOs.

PCBs- No PCBs were detected in SS-12 sample at levels above the 375-RUSCO level of 25 mg/kg (total) in surface soil.

Pesticides/Herbicides- No pesticides or herbicides were detected in the SS-12 sample.

Soil Sample SS-13
VOCs- No VOCs were detected in SS-13 above the 375-RUSCO levels.

SVOCs- One SVOC compound was detected in the SS-13 sample above the 375-RUSCOs: Benzo(a)pyrene (4,900 ug/kg).

TAL Metals- One metal was detected in sample SS-13 sample above the 375-RUSCOs: mercury (7.3 mg/kg).

PCBs- No PCBs were detected in SS-13 sample at levels above the 375-RUSCO level of 25 mg/kg (total) in surface soil.

Pesticides/Herbicides- - No pesticides or herbicides were detected in the SS-13 sample.

5.2.2 Off-site Areas

Two (2) surface soil samples were collected from the off-site Metal Processing Area as shown on Figure-4, samples SS-10 & SS-11. These samples were collected from the top 6 inches of soil and were analyzed for TCL VOCs, SVOCs, PCBs/Pesticides and TAL Metals.

Table-5 is a summary of the off-site sample results compared to TAGM 4046- RSCOs. The following is a discussion of the results categorized by contaminant:

Soil Sample SS-10

VOCs- No VOCs were detected in SS-10 above the TAGM 4046-RSCOs.

SVOCs- Six SVOC compounds were detected in sample SS-10 above the TAGM 4046-RSCOs: Benzo(b)pyrene (5,700 µg/kg); Benzo(b)fluoranthene (6,400 µg/kg); Benzo(k) fluoranthene (4,800); Chrysene (3,700 µg/kg); Dibenzo(a,h)Anthracene (1,700 µg/kg), and Indeno(1,2,3-cd)Pyrene (4,800 µg/kg).

TAL Metals- Nine TAL metals were detected in sample SS-10 at levels above the TAGM 4046-RSCOs: Arsenic (44mg/kg); Berylium (0.62 mg/kg), Calcium (17,0000 mg/kg); Chromium (38 mg/kg); Copper (150 mg/kg); Iron (60,000 mg/kg); Mercury (0.37 mg/kg), Nickel (29 mg/kg); and Zinc (330 mg/kg).

PCBs- One PCB conger was detected in sample SS-10 with a PCB level of 3.3 mg/kg. This is above the TAGM 4046-RSCOs level of 1.0 mg/kg (total) in surface soil.

Pesticides/Herbicides- No pesticides or herbicides were detected in the SS-10 sample.

Soil Sample SS-11

VOCs- No VOCs were detected in SS-11 above the TAGM 4046-RSCOs.

SVOCs- Four SVOC compounds were detected in sample SS-11 above the TAGM 4046-RSCOs: Benzo(b)pyrene (1,100 µg/kg); Benzo(b)fluoranthene (1,400 µg/kg); Chrysene (820 µg/kg); and Dibenzo(a,h)Anthracene (230 µg/kg).

TAL Metals- Ten TAL metals were detected in sample SS-11 at levels above the TAGM 4046-RSCOs: Arsenic (24mg/kg); Berylium (0.51 mg/kg), Cadmium (5 mg/kg); Calcium 13,000 mg/kg); Chromium (530 mg/kg); Copper (260 mg/kg); Iron (70,000 mg/kg); Mercury (0.66 mg/kg), Nickel (92 mg/kg); and Zinc (510 mg/kg).

PCBs- Two PCB congers were detected in sample SS-11 for a total PCB level of 1.08 mg/kg. This is above the TAGM 4046-RSCOs level of 1.0 mg/kg (total) in surface soil.

Pesticides/Herbicides- - No pesticides or herbicides were detected in the SS-11 sample.

5.3 Additional Soil Boring and Monitoring Well Installation

NYSDEC had requested the following areas on-site and off-site be assessed for environmental impact. These areas were assessed via samples collected through additional borings and monitoring wells. Details of each area with discussion for the purpose of each boring/well, sample collection and results is provided in the following.

5.3.1 B-8/MW-8 - hydraulically up-gradient soil boring/monitoring well west of the fence line on the northwest boundary of the Site;

This well was installed to establish a hydraulically up-gradient groundwater condition and determine if any off-site contaminants were migrating to the site.

The soil boring B-8 was installed to a depth of approximately 19 feet, and groundwater was encountered at approximately 9 feet below grade. The soil boring was finished with a 1.25" PVC monitoring well MW-8, consisting of 15 feet of screen and 7 feet of riser. The riser was protected with a steel, lockable stand-up type protective casing.

No impacted soil was observed in this boring, no staining, no odors and no PID readings. A subsurface soil sample was collected from this boring for laboratory analysis from a depth of 10 to 12 feet below grade (Sample ID: "B-8 (10-12')"). The sample was analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results of the sample are compared to the TAGM 4046- RSCOs and summarized in Table-5 and discussed below.

A groundwater sample (Sample ID: MW-8) was collected from well MW-8 and was analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results of the off-site samples are compared to the NYS Groundwater Standards and are summarized in Table-5 and discussed below.

Soil Sample B-8(10-12')

VOCs- No VOCs were detected in sample B-8(10-12') at levels above the TAGM 4046 RSCOs.

SVOCs- No SVOCs were detected in sample B-8(10-12') at levels above the TAGM 4046 RSCOs.

TAL Metals- Sample B-8(10-12') contained the following metals above the TAGM 4046-RSCOs: Chromium (13 mg/kg); Iron (19,000 mg/kg); Nickel (22 mg/kg); Selenium (9 mg/kg); Zinc (78 mg/kg).

PCBs- No PCBs were detected in sample B-8(10-12').

Pesticides/Herbicides- No Pesticides or Herbicides were detected in sample B-8(10-12').

Groundwater Sample MW-8

VOCs- No VOCs were detected in sample MW-8.

SVOCs- No SVOCs were detected in sample MW-8.

TAL Metals- Sample MW-8 contained the following metals above the NYS Groundwater Standards: Iron (4.8 mg/l); Manganese (0.69 mg/l) and Selenium (0.027 mg/l).

PCBs- No PCBs were detected in sample MW-8.

Pesticides/Herbicides- No Pesticides or Herbicides were detected in sample MW-8.

5.3.2 B-9/MW-9 -soil boring/monitoring well located east of the PCB impacted area;

This well was installed to determine if the subsurface soil and groundwater has been impacted from the PCBs detected in surface soils on the northeast side of the site.

The soil boring B-9 was installed to a depth of approximately 16 feet, and groundwater was encountered at approximately 11 feet below grade. The soil boring was finished with a 1.25" PVC monitoring well MW-9, consisting of 10 feet of screen and 8 feet of riser. The riser was protected with a steel, lockable stand-up type protective casing.

No impacted soil was observed in this boring, no staining, no odors and no PID readings. A subsurface soil sample was collected from this boring for laboratory analysis from a depth of 10 to 12 feet below grade (Sample ID: "B-9 (10-12')"). The sample was analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results are compared to the 375-RUSCOs and are summarized in Table-1 and discussed below.

A groundwater sample (Sample ID: MW-9) was collected from well MW-9 and was analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results of the sample are compared to the NYS Groundwater Standards and are summarized in Table-4.2 and discussed below.

Soil Sample B-9(10-12')

VOCs- No VOC were detected in sample B-9(10-12') at levels above the 375-RUSCOs.

SVOCs- No SVOC were detected in sample B-9(10-12') at levels above the 375-RUSCOs.

TAL Metals- Sample B-9(10-12') contained one metal above the 375-RUSCOs: Magnesium (11,000 mg/kg).

PCBs- No PCBs were detected in sample B-9(10-12').

Pesticides/Herbicides- No Pesticides or Herbicides were detected sample B-9(10-12').

Groundwater Sample MW-9

VOCs- No VOCs were detected in sample MW-9.

SVOCs- No SVOCs were detected in sample MW-9.

TAL Metals- Sample MW-9 contained the following metals above the NYS Groundwater Standards: Iron (6.8 mg/l), Manganese (0.72 mg/l) and Sodium (79 mg/l).

PCBs- No PCBs were detected in sample MW-9.

Pesticides/Herbicides- No Pesticides or Herbicides were detected in sample MW-9.

5.3.3 B-10/MW-10 - soil boring/monitoring well located in former Slag Pile Area;

This boring and monitoring well was to be installed to determine if the subsurface soil and groundwater had been impacted from the hazardous slag located on the east side of the site.

The soil boring B10 was installed to a depth of approximately 11 feet below grade and no groundwater was encountered. A soil boring/well was attempted multiple times to be placed at this location, but the boring was refused at approximately 11-feet below grade. No groundwater sample was collected from this location. A subsurface soil sample was collected from this boring for laboratory analysis from a depth of 8 to 9.5 feet below grade (Sample ID: "B-10 (8-9.5')". The sample was analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results are compared to the 375-RUSCOs and are summarized in Table-1 and discussed below.

No impacted soil was observed in this boring, no staining, no odors and no PID readings.

Soil Sample B-10(8-9.5')

VOCs- No VOC were detected in sample B-10(8-9.5') at levels above the 375-RUSCOs.

SVOCs- No SVOC were detected in sample B-10(8-9.5') at levels above the 375-RUSCOs.

TAL Metals- No Metal were detected in sample B-10(8-9.5') at levels above the 375-RUSCOs.

PCBs- No PCBs were detected in sample B-10(8-9.5').

Pesticides/Herbicides- No Pesticides or Herbicides were detected sample B-10(8-9.5').

5.3.4 B-11/MW-11 - soil boring/monitoring well located east of the Paper Building, hydraulically down gradient of subsurface petroleum spill area;

This boring/well was installed hydraulically down-gradient of a subsurface petroleum spill area located on the west side of the Paper Building. The purpose of the well was to determine if the groundwater was impacted with petroleum and was migrating in the groundwater.

The soil boring B-11 was originally scheduled to be placed on the west side of the Paper Building. Due to this planned location being inaccessible, this boring/well was moved to inside the building, adjacent to the petroleum impacted area, and hydraulically down gradient. The boring/well was installed through the concrete floor down to a depth of approximately 23 feet, and groundwater was encountered at approximately 9 feet below grade. The soil boring was finished with a 1.25" PVC monitoring well consisting of 18 feet of screen and 5 feet of riser. The riser was left flush with the surface of the concrete floor.

No impacted soil was observed in this boring, no staining, no odors and no significant PID readings. A subsurface soil sample was collected from this boring for laboratory analysis from a depth of 10 to 15 feet below grade (Sample ID: "B-11(12-15')"). The sample was analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results of the sample are compared to the 375-RUSCOs and are discussed below and summarized in Table-1.

A groundwater sample (Sample ID: MW-11) was collected from the well MW-11 and was analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results of the sample are compared to the NYS Groundwater Standards and summarized in Table-4.2 and discussed below.

Soil Sample B-11(12-15')

VOCs- No VOCs were detected in sample B-11(12-15') at levels above the 375-RUSCOs.

SVOCs- No SVOCs were detected in sample B-11(12-15') at levels above the 375-RUSCOs.

TAL Metals- No Metals were detected in Sample B-11(12-15') at levels above the 375-RUSCOs.

PCBs- No PCBs were detected in sample B-11(12-15').

Pesticides/Herbicides- No Pesticides or Herbicides were detected in sample B-11(12-15').

Groundwater Sample MW-11

VOCs- No VOCs were detected in sample MW-11 above the NYS Groundwater Standards.

SVOCs- No SVOCs were detected in sample MW-11 above the NYS Groundwater Standards.

TAL Metals- Sample MW-11 contained the following metals above the NYS Groundwater Standards: Iron (12 mg/l); Manganese (0.42 mg/l); Selenium (0.025 mg/l) and Sodium (57 mg/l).

PCBs- No PCBs were detected in sample MW-11.

Pesticides/Herbicides- No Pesticides or Herbicides were detected in sample MW-11.

5.3.5 B-12/MW-12 - Soil boring/monitoring located at southeast corner of site.

This well was installed to establish a hydraulically down-gradient condition and determine any site contaminants were migrating off-site, or if surface water that was draining off-site was carrying and settling contaminants in this low lying area.

The soil boring B-12 was installed to a depth of approximately 12 feet, and groundwater was encountered at approximately 6 feet below grade. The soil boring was finished with a 1.25" PVC monitoring well consisting of 12 feet of screen and 8 feet of riser. The riser was protected with a steel, lockable stand-up type protective casing.

A slight petroleum odor was observed at the interface of the sand and gravel layer above a gray clay layer at approximately seven feet below grade. No staining was observed and a PID reading of 5 ppm was recorded at four to eight feet. Two subsurface soil samples were collected from this boring for laboratory analysis. One from a depth of 4 to 8 feet below grade (Sample ID: "B-12 (4-8')"), and one 8 to 9 feet below grade (Sample ID: "B-12(8-9'). These samples were analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results of the sample are compared to the TAGM 4046-RSCOs and are discussed below and summarized in Table-5.

A groundwater sample (Sample ID: MW-12) was collected from the well and was analyzed for TCL VOCs, SVOCS, PCBs/Pesticides and TAL Metals. Results of the sample are compared to the NYS Groundwater Standards and are discussed below and summarized in Table-5.

Soil Sample B-12(4-8')

VOCs- No VOCs were detected in sample B-12(4-8') at levels above the TAGM 4046 RSCOs.

SVOCs- The following six SVOCS compounds were detected in sample B-12(4-8') at levels above the TAGM 4046-RSCOs: Benzo(a)pyrene (3,700 µg/kg); Benzo(b)fluoranthene (2,600 µg/kg); Benzo(k) fluoranthene (1,800); Chrysene (2,400 µg/kg); and Dibenzo(a,h)Anthracene (500 µg/kg).

TAL Metals- Sample B-12(4-8'') contained the following metals above the TAGM 4046-RSCO: Arsenic (14 mg/kg); Calcium (33,000 mg/kg); Iron (18,000 mg/kg); Mercury (0.15mg/kg); Nickel (13 mg/kg); Selenium (9 mg/kg); Zinc (35 mg/kg).

PCBs- No PCBs were detected in sample B-12(4-8').

Pesticides/Herbicides- No Pesticides or Herbicides were detected in sample B-12(4-8').

Soil Sample B-12(8-9')

VOCs- No VOCs were detected in sample B-12(8-9') at levels above the TAGM 4046 RSCOs.

SVOCs- No SVOCs were detected in sample B-12(8-9') at levels above the TAGM 4046 RSCOs.

TAL Metals- Sample B-12(8-9'') contained the following metals above the TAGM 4046-RSCOs: Arsenic (11 mg/kg); Calcium (36,000 mg/kg); Chromium (10 mg/kg); Iron (17,000 mg/kg); Magnesium (7800 mg/kg); Nickel (16 mg/kg); Selenium (6.8 mg/kg); Zinc (42 mg/kg).

PCBs- No PCBs were detected in sample B-12(8-9').

Pesticides/Herbicides- No Pesticides or Herbicides were detected in sample B-12(8-9').

Groundwater Sample MW-12

VOCs- No VOCs were detected in sample MW-12.

SVOCs- No SVOCs were detected in sample MW-12.

TAL Metals- Sample MW-12 contained the following metals above the NYS Groundwater Standards: Iron (3.1 mg/l); Manganese (0.49 mg/l) and Selenium (0.04 mg/l) and Sodium (59 mg/l).

PCBs- No PCBs were detected in sample MW-12.

Pesticides/Herbicides- No Pesticides or Herbicides were detected in sample MW-12.

5.4 Additional Assessment of PCB Impacted Soil on Northeast Corner of the site

Additional surface soil samples were collected from the northeast corner of the site to further define the extent of PCB impact and prepare for interim remedial action in this area. This task was not included in the SC/IRM Work Plan but was completed as a planning tool to support the interim remedial measure.

This task consisted of collecting 15 samples from a grid pattern in the northeast area of the site where high levels of PCBs were discovered in the Phase II Investigation. Samples PCB-01 through sample PCB-15 were collected from the top 6 inches of soil in a grid pattern and analyzed for total PCBs (see Figure-5 for sampling grid).

Results of theses samples (see Table-3) have been compared to the NYS Department of Health (DOH) established cleanup criteria of 1 mg/kg. The DOH has requested this area be assessed to this standard due to the potential for the impacted soil in this area to be carried off-site by traffic to the general public. Sampling reveals levels ranging from 0.8 mg/kg to 56 mg/kg. This area is proposed to be remediated by removing the top 6 to 12 inches of soil from the area with the greatest impact.

E&R proposes to complete the interim remedial measure as shown on Figure-5 and remove all soil with total PCB concentration greater than or equal to 1 mg/kg. Soil samples will be collected after the excavation to confirm the objective of removing the soil containing 1 mg/kg PCB has been achieved.

The PCB remediation should be completed in compliance with the USEPA 40CFR 761(a) Self-Implementing Cleanup Plan. A plan should be prepared and submitted to the USEPA regional office for approval prior to implementing. All soils with PCBs at levels 50ppm and over shall be removed and disposed of as a regulated hazardous waste. Soil with PCBS levels greater the one and less than 50 ppm shall be removed and dispose of as a contaminate PCB containing solid waste.

6.0 SITE PHYSICAL CONDITIONS/ FIELD OBSERVATIONS

6.1 Geology

During inspection of the Site, the surface soil of the Site was observed to consist of topsoil in some areas with gravel and scrap metal debris. No significant fill material was identified in the subsurface throughout the Site. Some minor amounts of fill (brick) were observed on the south side of the site at depths between 5 to 8 feet.

The soil consists of a coarse, medium, fine sand and gravel mixed with brown clay from two to approximately ten feet below grade. At ten feet, a uniform gray clay is encountered and extends down to approximately 20 feet were a shale bedrock was observed (Refer to Appendix B for details in the Boring Logs).

6.2 Hydrology

Groundwater has been determined to be moving in an east, southeast direction toward Newtown Creek. The site is located in a 500 year flood plain and the nearest surface water is Eldridge Lake located North of the Site

6.3 Soil Condition

No significant fill material was observed in the borings on-site. The surface soils are mixed with scrap metals, stained and are in poor condition.

6.4 Groundwater Condition

Groundwater was measured to be approximately 6 to 8 feet below ground surface moving in a southeast direction. Ground water is pumped from the site via domestic well and is used for non-potable purposes (i.e. Bathroom).

7.0 Structure and Utility Surveys

7.1 Above Grade Structures Survey

All buildings on-site are used by Kaplan's for the scrap metal recycling process. These include two buildings, one is a conglomerate of three structures, and one is an abandoned facility used to house the dormant "Harris Baler". These buildings are slab-on-grade structures except the "Harris Baler" building which has a below grade foundation and basement used for servicing the baler. These structures are un-insulated, except for a small office attached to the non-ferrous building. These buildings are not equipped with any floor drains or sanitary drains, except for a small bathroom in the non-ferrous building. The basement structure at the Harris Baler was observed to contain oil staining on the concrete foundation below grade from repeated leaking of the baler hydraulic oil. (note: this area was assessed in the previous investigation (E&R, Environmental Investigation)

7.2 Subsurface Structure and Utility Survey

Two main subsurface structures and utilities were identified at, and adjacent to the Site. These include the municipal pressure sewer located along adjacent west side of the site, and an underground septic leach field located on-site. The exact location of the pressure sewer line can be observed on Figure -2. No underground storm water drainage was identified. The Site is not serviced with domestic potable city water or city sewer service.

8.0 ENVIRONMENTAL MEDIA AND SITE CONTAMINANTS

This section reviews all existing data from the SC/IRM Investigation and the previous Environmental Investigation (E&R, Environmental Investigation), and evaluates the contaminants in each environmental media (surface soil, subsurface soil & groundwater). For reference, summary tables and sampling figures from the E&R Environmental Investigation is included in Appendix-D.

8.1 Surface Soils

VOCs- No VOCs were detected in surface soil samples.

SVOCs-The surface soils samples, samples SS-12 & SS-13 collected at the site in the scrap processing area have identified the surface soils to be impacted with multiple Semi-Volatile Organic Compounds (SVOC's). All the compounds are at levels below 375-RUSCOs, except Bezo(a) Pyrene in both samples.

TAL Metals- The surface soils samples, from the SC Investigation, samples SS-12; SS-13; B-10-SS-01; B-10-SS-02 and samples from the Phase II Investigation, SS-1, SS-2, SS-3, SS-4 & SS-5, reveal elevated levels of metals in the surface soil throughout the site. All metals are at levels below 375-RUSCOs, except for Arsenic, Cadmium and Mercury.

PCBs- An area on the northeast corner of the site as been identified to be impacted with total PCB concentration at levels greater than 25 mg/kg. This PCB impacted area shall be addressed in the Interim Remedial Measures.

The surface soil samples from the remainder of the site, from the SC Investigation, samples SS-12; SS-13; B-10-SS-01; B-10-SS-02 and samples from the Phase II Investigation, SS-1, SS-2, SS-3, SS-4 & SS-5, reveal elevated levels of PCBs greater than 1 mg/kg, but less than 25 mg/kg, contained in the 375-RUSCOs.

Pesticides/Herbicides- No Pesticides or Herbicides were detected at levels above 375-RUSCO's. Only two compounds, 4,4 DDE and 4,4 DDT were detected at the site in sample B-10-SS-01 at trace levels.

In summary, the surface soils at the site have been impacted with SVOCs, Metals and PCBs. The levels detected are in general below the 6NYCRR Part 375-6 Remedial Soil Cleanup Objectives for Protection of Public Health at Industrial Sites, Table 375-6.8(b) except for the following few exceedences: SVOC - Bezo(a) Pyrene; Metals – Arsenic, Cadmium and Mercury; and PCBs only on the northeast corner of the side that is scheduled for an interim remedial measure.

8.2 Subsurface Soils

VOCs- The subsurface soils samples from the SC Investigation, samples B-9(10-12'), B-10(8-9.5'), B-11(12-15'), and samples from the Phase II Investigation, B-1 through B-7, reveal no VOCs that exceed the 375-RUSCO's.

SVOCs- The subsurface soils samples from the SC Investigation, samples B-9(10-12'), B-10(8-9.5'), B-11(12-15') and samples from the Phase II Investigation, B-1 through B-7, reveal low levels of SVOCS that do not exceed the 375-RUSCO's.

TAL Metals- The subsurface soils samples from the SC Investigation, samples B-9(10-12'), B-10(8-9.5'), B-11(12-15') and samples from the Phase II Investigation, B-1 through B-7, reveal low levels of metals that do not exceed the not exceed the 375-RUSCO's, except for Magnesium in the B-9 location.

PCBs- The subsurface soil samples from the SC Investigation, samples B-9(10-12'), B-10(8-9.5'), B-11(12-15') reveal no detection of PCBs.

Pesticides/Herbicides- The subsurface soils samples from the SC Investigation, samples B-9(10-12'), B-10(8-9.5'), B-11(12-15') reveal no detection of Pesticides or Herbicides.

In summary, the subsurface soils at the site have been impacted with VOCs, SVOCs and Metals. The levels detected are in general below the 375-RUSCOs, except for the exceeding: Metal – Magnesium

8.3 Groundwater

VOCs- The groundwater samples from the SC Investigation, samples MW-8 through MW-12, and samples from the E&R Environmental Investigation, MW-1 through MW-5 reveal no VOCs at levels exceeding the NYS Groundwater Standards.

SVOCs- The groundwater samples from the SC Investigation, samples MW-8 through MW-12, and samples from the E&R Environmental Investigation, MW-1 through MW-5 reveal no SVOCs at levels exceeding the NYS Groundwater Standards.

TAL Metals- The groundwater samples from the SC Investigation, samples MW-8 through MW-12 reveal the following metals at levels exceeding the NYS Groundwater Standards: Iron, Manganese, Selenium and Sodium.

PCBs- The groundwater samples from the SC Investigation, samples MW-8 through MW-12 reveal no detection of PCBs.

Pesticides/Herbicides- The groundwater samples from the SC Investigation, samples MW-8 through MW-12 reveal no detection of Pesticides or Herbicides.

In summary, the groundwater at the site has not been impacted with any of the site contaminants. Any levels detected are below the New York State Groundwater Standards.

9.0 SITE CONTAMINANTS AND SOURCES

The contaminants identified on-site include VOCs, SVOCs, Metals and PCBs. Surface soils contain SVOCs, PCBs and Metals as contaminants. Subsurface soils contain VOCs, SVOCs, and Metals as contaminants. Groundwater has not been impacted by site contaminants.

VOCs-VOCs have been detected in the subsurface soil of the site at levels below the 375-RUSCO's. The source of the VOCs in the subsurface soil at the B-3 location is from a petroleum spill. This spill is reported to be from impacted fill material that was placed along the west side of the Paper Building. The VOCs detected at the B-5 location is in the metal processing area and is believed to be from minor historic spills that have occurred from receiving scrap metal at this location.

SVOCs- SVOCs have been detected in the surface soil of the site at levels below the 375-RUSCO's, with the exception of Benzo(a)pyrene. The source of the low SVOCs impact is believed to be from the historic industrial use of the property as a scrap yard and coal yard

SVOCs – SVOCs have been detected in the subsurface soil of the site at levels below the 375-RUSCO's. The source of the SVOCs in the subsurface at the B-3 and B-11 area is believed to be from a petroleum spill. This spill is reported to be from impacted fill material that was placed along west side of the Paper Building. The SVOCs detected at the B-5 location is in the metal processing areas and is believed to be from minor historic spills that have occurred when receiving scrap metal at this location.

Metals- Metals have been detected in the surface and subsurface soil of the site at levels below the 375-RUSCO's, with the exception of Arsenic, Cadmium and Mercury in the surface soil exceeding the 375-RUSCOs. The source of the metals is believed to be from the historic industrial use of the property as a metal scrap yard.

PCBs-PCBs were detected in surface soils of the site at levels below the 375-RUSCO's, with the exception of an area along the northeast corner of the site. This PCB impacted area contains levels greater the 25 mg/kg. This area is scheduled for interim remedial measure. The source of the PCBs throughout the site is from the historic use of the property and the various scrap materials processed at the site.

10.0 MIGRATION ROUTES

The site contaminants include SVOCs, Metals and PCBs in the surface and VOCs, SVOCs, and Metals in the subsurface soil. Groundwater has not been impacted by site contaminants.

The following is an evaluation of how the contaminants may migrate to a point where the contaminants may be available for human exposure through ingestion, inhalation or dermal contact. A completed exposure pathway is established when a contaminant source reaches a point of exposure and exposes a population or ecological receptor.

Exposure pathways have been reviewed for current site conditions and potential future site use conditions, both on-site and off-site.

10.1 Subsurface Structures

Sewer Main –The sewer main was identified to not be located directly on-site, and not considered a migration route for on-site contaminants to an exposure pathway off-site.

Leach field - Soil Boring B-3 and monitoring MW-3 was installed within the vicinity of the leach field, and the groundwater was assessed for VOC and SVOC impacts. Analysis of the groundwater sample at MW-3 reveals no detection of VOCs or SVOCs migrating in the water adjacent to this structure. This structure is no longer considered a migration route leading to an exposure pathway off-site.

10.2 Groundwater

Groundwater has been sampled throughout the site and no contaminants have been identified to be migrating in the water. Based on no contaminants identified in the groundwater, the groundwater condition is no longer considered a migration route leading to an exposure pathway.

A domestic well is located on-site and is used for non-potable water. As a precaution, this water will be restricted to non-potable uses.

Surrounding areas are serviced by municipal water supplies, and no domestic wells were identified on the surrounding properties.

10.3 Surface Water Run-off

Surface water run-off from rain and snow melt may potentially carry SVOCs, Metals and PCBs off-site and is considered a potential migration route.

10.4 Airborne

SVOCs, Metals and PCBs contained in the surface soil of Site may potentially migrate off-site from wind erosion and potentially by vehicle traffic and create an exposure condition on-site and off-site.

11.0 ROUTES OF EXPOSURE

The two migration routes that could lead to an on-site or off-site exposure are surface water run-off and airborne soil particulates migration.

11.1 Ingestion - Surface Water Run-off

Ingestion of surface water run-off by humans does not exist on-site or off-site.

A checklist for assessment of Fish and Wildlife Impact from surface run-off was completed per DER-10, and is included in the previous report (ER, Environmental Investigation). Based on this analysis, no Fish and Wildlife Resources are threatened and no Impact Analysis is needed.

11.2 Ingestion, Inhalation, and Dermal Contact - Airborne Exposure

Airborne exposure to SVOCs, metals and PCBs is present for a potential on-site impact under the current conditions. Dust generated that contains metals and PCBs could potentially be ingested, inhaled or settle on the skin for accidental exposure. A potential exposure pathway exists for these contaminants but the extent of sampling has not established a completed pathway. The determination of whether a complete exposure pathway exists is to be determined by the New York State Department of Health.

Airborne exposure for SVOCs, metals and PCBs is present for a potential off-site impact under the current conditions. Dust generated that contains metals and PCBs may be ingested, inhaled or settle on the skin for accidental exposure. The off-site impact is considered minimal due to the surrounding areas being used as commercial and industrial purposes. A potential exposure pathway exists for these contaminants but the extent of sampling has not established a completed pathway. The determination of whether a complete exposure pathway exists is to be determined by the New York State Department of Health.

12.0 EXPOSURE PATHWAYS

The determination of whether a complete exposure pathway exists is to be determined by the New York State Department of Health.

13.0 SIGNIFICANCE OF FINDINGS AND RECOMMENDED REMEDIAL ACTIONS

This Site Characterization Investigation examined the soil and groundwater condition on-site and off-site to further define the extent of environmental impact, and determine if additional remediation is needed beyond the proposed interim remedial measures for protection of public health and the environment. The following is a discussion of how the data has been evaluated and a decision for remediation has been developed.

13.1 Criteria for Evaluation of Chemical Results and Risk Evaluation Framework

Since soil sampling was performed in a biased manner, it should be emphasized that there is already a degree of protection present in the analysis of impact. Soils were not randomly sampled. Instead soil samples were collected for analysis if they appeared to be impacted with stains, odors or PID reading. In general the Site condition should be better than discussed in the report.

The results of soil and ground water chemical analysis have been compared with the NYSDEC groundwater (drinking water, GA class) standards and guidance values, NYSDEC's recommended soil clean-up objectives published in TAGM 4046 for remediation to residential or pre-development conditions, and the 6NYCRR Part 375-6 Remedial Soil Cleanup Objectives for Protection of Public Health at Restricted use Industrial Sites, Table 375-6.8(b) ("375-RUSCO's").

Our evaluation of the environmental impacts and remedies for the Site is based on current Site use and conditions and the planned commercial/industrial use of the Site.

13.2 Determine if the site has been impacted with contaminants above applicable NYS Standards, Criteria and Guidance ("SCGs");

Based on the field observations and analytical results of the environmental sampling, the site surface soils contain SVOCs, Metals and PCBs and subsurface soils contain VOCs, SVOCs and Metals above the applicable SCGs.

13.3 Determine if there are any threats to human health and the environment from contaminants on-site;

Based on the field observations and analytical results of the environmental sampling, there are levels of contaminants on-site above background conditions that could potentially threaten human health, i.e. sensitive populations. No threats to the environment were identified.

13.4 Determine if there are any potential threats to fish and wildlife.

Based on the field observations and completion of the Fish and Wildlife Resource Impact Analysis and Decision Key, no Fish and Wildlife Resource Impact Analysis is needed.

13.5 Determine the impact of current environmental conditions of the Site on the current and proposed use of the property;

The site is currently used as an industrial scrap yard and is occupied by a scrap metal facility. The use of this property is not proposed to change. The current environmental conditions of the Site should not affect the use of the site when continued to be used as an industrial scrap yard.

13.6 Determine if remedial action is necessary

13.6.1 Removal and disposal of PCB containing soil on northeast side of site

Interim remedial measure is planned for the PCB impacted soils on the northeast corner of the site with PCBs levels above the 1 mg/kg.

13.6.2 Elevated Levels of SVOCs, Metals and PCBs Located Throughout Site Surface Soils.

Exposure to the elevated levels of SVOCs, Metals and PCBs detected in the surface soil throughout the site should be minimized.

The remaining areas on-site are above the TAGM soil cleanup levels for unrestricted (residential) sites and generally below the 6NYCRR Part 375-6 Remedial Soil Cleanup Objectives for Protection of Public Health at Restricted use Industrial Sites. Based on this, the Site should be restricted to industrial use.

13.7 Assessment for Institutional Controls

SVOCs, Metals and PCBs are present on-site above the above the NYSDEC DER-10 soil cleanup levels for unrestricted (residential) use and generally below the 6NYCRR Part 375-6 Remedial Soil Cleanup Objectives for Protection of Public Health at Restricted use Industrial Sites, 375-RUSCO's. In order to utilize the Site for Industrial use without performing extensive remediation, and still provide protection for human health and the environment, the Site should be restricted to Industrial use through a deed restriction. The institutional contract will be in the form of an environmental easement.

14.0 References

1.) (E&R, SC/IRM Work Plan); *"Site Characterization and Interim Remedial Work Plan for the Kaplan's Scrap Yard Inc. 104 East Woodlawn Ave.",* Eisenbach and Ruhnke Engineering, P.C., July 25, 2006, Revised July 30, 2007.

2.) (E&R, Phase I); "*Phase-I Environmental Site Assessment for the Kaplan's Scrap Yard Inc. 104 East Woodlawn Ave.",* Eisenbach and Ruhnke Engineering, P.C., May 26, 2005.

3.) (E&R, Environmental Investigation); "*Environmental Investigation for the Kaplan's Scrap Yard Inc. 104 East Woodlawn Ave.",* Eisenbach and Ruhnke Engineering, P.C., September 15, 2005.

4.) (E&R, SC/IRM Work Plan) "Site Characterization/Interim Remedial Measure Work Plan *for the Kaplan's Scrap Yard Inc. 104 East Woodlawn Ave.",* Eisenbach and Ruhnke Engineering, P.C., July 25, 2006, Revised July 30, 2007..

5.) (375-RUSCO's, NYSDEC); "6NYCRR Part 375-6 Remedial Soil Cleanup Objectives for Protection of Public Health at Restricted Use Industrial Sites", Table 375-6.8(b).

6.) (NYSDEC, 1992); "*Sampling Guidelines and Protocols*", NYSDEC Division of Water, 1992.

7.) (TAGM 4046, NYSDEC); "*New York State Department of Environmental Conservation, Division of Hazardous Waste Remediation, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives"* (HWR-94-4046, dated January 24, 1994, amended Dec 20, 2000).

8.) (TOGS; NYSDEC); "Ambient *Water Quality Standards and Guidance Values"* NYSDEC Division of Water

Table 1: Summary of Subsurface Soil Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 8-3-07

VOCs in Subsurface Soil Samples

Volatile Organic Compounds	RUSCO	Notes	B-9 (10-12')	B-10 (8-9_5')	B-11 (12-15')
	µg/kg		µg/kg	µg/kg	µg/kg
1,1,1-Trichloroethane	1000000		ND	ND	ND
1,1,2,2-Tetrachloroethane	NS		ND	ND	ND
1,1,2-Trichloroethane	NS		ND	ND	ND
1,1-Dichloroethane	480000		ND	ND	ND
1,1-Dichloroethylene	1000000		ND	ND	ND
1,2-Dichloroethane	60000		ND	ND	ND
1,2-Dichloropropane	NS		ND	ND	ND
2-Butanone-(MEK)	1000000		ND	ND	ND
2-Hexanone	NS		ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	NS		ND	ND	ND
Acetone	1000000	B	17	32	31
Benzene	89000		ND	ND	ND
Bromodichloromethane	NS		ND	ND	ND
Bromoform	NS		ND	ND	ND
Bromomethane	NS		ND	ND	ND
Carbon Disulfide	NS		ND	ND	ND
Carbon Tetrachloride	44000		ND	ND	ND
Chlorobenzene	1000000		ND	ND	ND
Chloroethane	NS		ND	ND	ND
Chloroform	700000		ND	ND	ND
Chloromethane	NS		ND	ND	ND
cis-1,2-Dichloroethylene	1000000		ND	ND	ND
cis-1,3-Dichloropropene	NS		ND	ND	ND
Dibromochloromethane	NS		ND	ND	ND
Ethylbenzene	780000		ND	ND	ND
M & P XYLENE	1000000	*	ND	ND	ND
Methylene Chloride	1000000	J,B	8	20	15
Methyl-Tert-Butyl-Ether	1000000		ND	ND	ND
O-XYLENE	1000000	*	ND	ND	ND
Styrene	NS		ND	ND	ND
Tetrachloroethylene	300000		ND	ND	ND
Toluene	1000000		ND	ND	ND
trans-1,2-Dichloroethylene	1000000		ND	ND	ND
trans-1,3-Dichloropropene	NS		ND	ND	ND
Trichloroethylene	400000		ND	ND	ND
Vinyl Chloride	27000		ND	ND	ND
Total VOCs		J,B	25	52	46

ND - Not Detected
NS - Not Specified in RUSCO
* - standard is for total xylene
values in **BOLD** type exceed the standard level
J-Estimated Value. Analyete deteceted at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL
B- Analyte was detected in associated Method Blank

Table 1 (continued): Summary of Subsurface Soil Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 8-3-07

SVOCs in Subsurface Soil Samples

Semi Volatile Organic Compounds	RUSCO	Notes	B-9 (10-12')	B-10 (8-9_5')	B-11 (12-15')
	µg/kg		µg/kg	µg/kg	µg/kg
1,2,4-Trichlorobenzene	NS		ND	ND	ND
1,2-Dichlorobenzene	1000000		ND	ND	ND
1,3-Dichlorobenzene	560000		ND	ND	ND
1,4-Dichlorobenzene	250000		ND	ND	ND
2,2'-oxybis(1-Chloropropane	NS		ND	ND	ND
2,4,5-Trichlorophenol	NS		ND	ND	ND
2,4,6-Trichlorophenol	NS		ND	ND	ND
2,4-Dichlorophenol	NS		ND	ND	ND
2,4-Dimethylphenol	NS		ND	ND	ND
2,4-Dinitrophenol	NS		ND	ND	ND
2,4-Dinitrotoluene	NS		ND	ND	ND
2,6-Dinitrotoluene	NS		ND	ND	ND
2-Chloronaphthalene	NS		ND	ND	ND
2-Chlorophenol	NS		ND	ND	ND
2-Methyl Naphthalene	NS		ND	ND	ND
2-Methyl Phenol	1000000		ND	ND	ND
2-Methyl-4,6-dinitrophenol	NS		ND	ND	ND
2-Nitroaniline	NS		ND	ND	ND
2-Nitrophenol	NS		ND	ND	ND
3&4-Methyl Phenol	1000000		ND	ND	ND
3,3'-Dichlorobenzidine	NS		ND	ND	ND
3-Nitroaniline	NS		ND	ND	ND
4-Bromophenyl Phenyl Ether	NS		ND	ND	ND
4-Chloro-3-methylphenol	NS		ND	ND	ND
4-Chloroaniline	NS		ND	ND	ND
4-Chlorophenyl Phenyl Ether	NS		ND	ND	ND
4-Nitroaniline	NS		ND	ND	ND
4-Nitrophenol	NS		ND	ND	ND
Acenaphthene	1000000		ND	ND	ND
Acenaphthylene	1000000		ND	ND	ND
Anthracene	1000000		ND	ND	ND
Benzo (g,h,i) perylene	1000000		ND	ND	280
Benzo(a)anthracene	1000000	J	ND	ND	170
Benzo(a)pyrene	1100		ND	ND	340
Benzo(b)fluoranthene	11000		ND	ND	390
Benzo(k)fluoranthene	110000		ND	ND	300
bis(2-Chloroethoxy)methane	NS		ND	ND	ND
bis(2-Chloroethyl)ether	NS		ND	ND	ND
bis(2-Ethylhexyl)phthalate	NS		ND	ND	ND
Butyl Benzyl Phthalate	NS		ND	ND	ND
Chrysene	110000		ND	ND	220
Dibenzo(a,h)Anthracene	1100	J	ND	ND	82
Dibenzofuran	1000000		ND	ND	ND
Diethyl Phthalate	NS		ND	ND	ND
Dimethyl Phthalate	NS		ND	ND	ND
Di-n-butylphthalate	NS		ND	ND	ND
Di-n-octyl phthalate	NS		ND	ND	ND
Fluoranthene	1000000		ND	ND	210
Fluorene	1000000		ND	ND	ND
Hexachlorobenzene	12000		ND	ND	ND
Hexachlorobutadiene	NS		ND	ND	ND
Hexachlorocyclopentadiene	NS		ND	ND	ND
Hexachloroethane	NS		ND	ND	ND
Indeno (1,2,3-cd)Pyrene	11000		ND	ND	280
Isophorone	NS		ND	ND	ND
Naphthalene	1000000		ND	ND	ND
Nitrobenzene	NS		ND	ND	ND
N-Nitroso-di-n-propylamine	NS		ND	ND	ND
N-Nitrosodiphenylamine	NS		ND	ND	ND
Pentachlorophenol	55000		ND	ND	ND
Phenanthrene	1000000	J	ND	ND	75
Phenol	1000000		ND	ND	ND
Pyrene	1000000	J	ND	ND	180
Total SVOCs			ND	ND	2537

ND - Not Detected
NS - Not Specified in RSCO
values in **BOLD** type exceed the standard level
J-Estimated Value. Analyete detecated at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL
B- Analyte was detected in associated Method Blank

Table 1 (continued): Summary of Subsurface Soil Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 8-3-07

Metals in Subsurface Soil Samples

Metals	RUSCO	Notes	B-9 (10-12')	B-10 (8-9_5')	B-11 (12-15')
	mg/kg		mg/kg	mg/kg	mg/kg
Aluminum	NS		8900	10000	16000
Antimony	NS		ND	ND	ND
Arsenic	16		7	ND	ND
Barium	10000		67	140	280
Beryllium	2700		ND	ND	ND
Cadmium	60		ND	ND	ND
Calcium	NS		34000	25000	10000
Chromium	800		15	14	19
Cobalt	NS		ND	ND	ND
Copper	10000		33	23	28
Iron	NS		19000	23000	22000
Lead	3900		8.6	14	12
Magnesium	10000		11000	6800	5100
Manganese	10000		210	520	230
Mercury	5.7		ND	ND	ND
Nickel	10000		23	24	22
Potassium	NS		800	1200	1300
Selenium	6800		11	12	7.8
Silver	6800		1.2	1.3	1.9
Sodium	NS		ND	ND	ND
Thallium	NS		ND	14	11
Vanadium	NS		16	14	21
Zinc	10000		76	49	84

PCBs in Subsurface Soil Samples

PCB Congeners	RUSCO	Notes	B-9 (10-12')	B-10 (8-9_5')	B-11 (12-15')
	µg/kg		µg/kg	µg/kg	µg/kg
PCB-1016		§	ND	ND	ND
PCB-1221		§	ND	ND	ND
PCB-1232		§	ND	ND	ND
PCB-1242		§	ND	ND	ND
PCB-1248		§	ND	ND	ND
PCB-1254		§	ND	ND	ND
PCB-1260		§	ND	ND	ND
PCB-1262		§	ND	ND	ND
PCB-1268		§	ND	ND	ND
Total PCBs	25000		ND	ND	ND

Pesticides/Herbicides in Subsurface Soil Samples

Pesticides/Herbicides	RUSCO	Notes	B-9 (10-12')	B-10 (8-9_5')	B-11 (12-15')
	µg/kg		µg/kg	µg/kg	µg/kg
4,4'-DDD	180000		ND	ND	ND
4,4'-DDE	120000		ND	ND	ND
4,4'-DDT	94000		ND	ND	ND
Aldrin	1400		ND	ND	ND
alpha-BHC	1400		ND	ND	ND
beta-BHC	6800		ND	ND	ND
Chlordane	47000		ND	ND	ND
delta-BHC	1000000		ND	ND	ND
Dieldrin	2800		ND	ND	ND
Endosulfan I	920000		ND	ND	ND
Endosulfan II	920000		ND	ND	ND
Endosulfan Sulfate	920000		ND	ND	ND
Endrin	410000		ND	ND	ND
Endrin Aldehyde	NS		ND	ND	ND
Endrin Ketone	NS		ND	ND	ND
gamma-BHC (Lindane)	23000		ND	ND	ND
Heptachlor	29000		ND	ND	ND
Heptachlor Epoxide	NS		ND	ND	ND
Methoxychlor	NS		ND	ND	ND
Toxaphene	NS		ND	ND	ND

§ - standard is for sum of all PCB congeners
ND - Not Detected
NS - Not Specified in RSCO
values in **BOLD** type exceed the standard level

Table 2: Summary of Surface Soil Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 8-3-07

VOCs in Surface Soil Samples

Volatile Organic Compounds	RUSCO	Notes	SS-12	SS-13	B-10-SS-01 (6-19")
	µg/kg		µg/kg	µg/kg	µg/kg
1,1,1-Trichloroethane	1000000		ND	ND	ND
1,1,2,2-Tetrachloroethane	NS		ND	ND	ND
1,1,2-Trichloroethane	NS		ND	ND	ND
1,1-Dichloroethane	480000		ND	ND	ND
1,1-Dichloroethylene	1000000		ND	ND	ND
1,2-Dichloroethane	60000		ND	ND	ND
1,2-Dichloropropane	NS		ND	ND	ND
2-Butanone-(MEK)	1000000		ND	ND	ND
2-Hexanone	NS		ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	NS		ND	ND	ND
Acetone	1000000		ND	ND	33
Benzene	89000		ND	ND	ND
Bromodichloromethane	NS		ND	ND	ND
Bromoform	NS		ND	ND	ND
Bromomethane	NS		ND	ND	ND
Carbon Disulfide	NS		ND	ND	ND
Carbon Tetrachloride	44000		ND	ND	ND
Chlorobenzene	1000000		ND	ND	ND
Chloroethane	NS		ND	ND	ND
Chloroform	700000		ND	ND	ND
Chloromethane	NS		ND	ND	ND
cis-1,2-Dichloroethylene	1000000		ND	ND	ND
cis-1,3-Dichloropropene	NS		ND	ND	ND
Dibromochloromethane	NS		ND	ND	ND
Ethylbenzene	780000		ND	ND	ND
M & P XYLENE	1000000		ND	ND	ND
Methylene Chloride	1000000		8	9	120
Methyl-Tert-Butyl-Ether	1000000		ND	ND	ND
O-XYLENE	1000000		ND	ND	ND
Styrene	NS		ND	ND	ND
Tetrachloroethylene	300000		ND	ND	ND
Toluene	1000000		ND	ND	ND
trans-1,2-Dichloroethylene	1000000		ND	ND	ND
trans-1,3-Dichloropropene	NS		ND	ND	ND
Trichloroethylene	400000		ND	ND	ND
Vinyl Chloride	27000		ND	ND	ND
Total VOCs			8	9	153

ND - Not Detected
NS - Not Specified in SCO
values in **BOLD** type exceed the standard level

Table 2 (continued): Summary of Surface Soil Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 8-3-07

SVOCs In Surface Soil Samples

Semi Volatile Organic Compounds	RUSCO	Notes	SS-12	SS-13	B-10-SS-01 (6-19")
	µg/kg		µg/kg	µg/kg	µg/kg
1,2,4-Trichlorobenzene	NS		ND	ND	ND
1,2-Dichlorobenzene	1000000		ND	ND	ND
1,3-Dichlorobenzene	560000		ND	ND	ND
1,4-Dichlorobenzene	250000		ND	ND	ND
2,2'-oxybis(1-Chloropropane	NS		ND	ND	ND
2,4,5-Trichlorophenol	NS		ND	ND	ND
2,4,6-Trichlorophenol	NS		ND	ND	ND
2,4-Dichlorophenol	NS		ND	ND	ND
2,4-Dimethylphenol	NS		ND	ND	ND
2,4-Dinitrophenol	NS		ND	ND	ND
2,4-Dinitrotoluene	NS		ND	ND	ND
2,6-Dinitrotoluene	NS		ND	ND	ND
2-Chloronaphthalene	NS		ND	ND	ND
2-Chlorophenol	NS		ND	ND	ND
2-Methyl Naphthalene	NS		110	87	40
2-Methyl Phenol	1000000		ND	ND	ND
2-Methyl-4,6-dinitrophenol	NS		ND	ND	ND
2-Nitroaniline	NS		ND	ND	ND
2-Nitrophenol	NS		ND	ND	ND
3&4-Methyl Phenol	1000000		ND	90	ND
3,3'-Dichlorobenzidine	NS		ND	ND	ND
3-Nitroaniline	NS		ND	ND	ND
4-Bromophenyl Phenyl Ether	NS		ND	ND	ND
4-Chloro-3-methylphenol	NS		ND	ND	ND
4-Chloroanaline	NS		ND	ND	ND
4-Chlorophenyl Phenyl Ether	NS		ND	ND	ND
4-Nitroaniline	NS		ND	ND	ND
4-Nitrophenol	NS		ND	ND	ND
Acenaphthene	1000000		150	120	ND
Acenaphthylene	1000000		480	220	40
Anthracene	1000000		810	500	68
Benzo (g,h,i) perylene	1000000		2300	5300	220
Benzo(a)anthracene	1000000		2200	2900	230
Benzo(a)pyrene	1100		**3000**	**4900**	260
Benzo(b)fluoranthene	11000		3200	8800	350
Benzo(k)fluoranthene	110000		2400	5600	280
bis(2-Chloroethoxy)methane	NS		ND	ND	ND
bis(2-Chloroethyl)ether	NS		ND	ND	ND
bis(2-Ethylhexyl)phthalate	NS		1900	2600	120
Butyl Benzyl Phthalate	NS		840	750	ND
Chrysene	110000		2200	5400	300
Dibenzo(a,h)Anthracene	1100		730	2000	62
Dibenzofuran	1000000		160	87	ND
Diethyl Phthalate	NS		ND	98	ND
Dimethyl Phthalate	NS		68	ND	ND
Di-n-butylphthalate	NS		790	420	ND
Di-n-octyl phthalate	NS		1600	190	ND
Fluoranthene	1000000		5200	5500	540
Fluorene	1000000		240	110	ND
Hexachlorobenzene	12000		ND	ND	ND
Hexachlorobutadiene	NS		ND	ND	ND
Hexachlorocyclopentadiene	NS		ND	ND	ND
Hexachloroethane	NS		ND	ND	ND
Indeno (1,2,3-cd)Pyrene	11000		1600	4700	200
Isophorone	NS		ND	ND	ND
Naphthalene	1000000		120	80	44
Nitrobenzene	NS		ND	ND	ND
N-Nitroso-di-n-propylamine	NS		ND	ND	ND
N-Nitrosodiphenylamine	NS		ND	ND	ND
Pentachlorophenol	55000		ND	ND	ND
Phenanthrene	1000000		1800	1500	300
Phenol	1000000		ND	ND	ND
Pyrene	1000000		4700	5200	430
Total SVOCs			36598	57152	3484

ND - Not Detected
NS - Not Specified in SCO
values in **BOLD** type exceed the standard level

Table 2 (continued): Summary of Surface Soil Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 8-3-07
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Metals in Surface Soil Samples

Metals	RUSCO	Notes	SS-12	SS-13	B-10-SS-01 (6-19")	B-10-SS-02 (7-24")
	mg/kg		mg/kg	mg/kg	mg/kg	mg/kg
Aluminum	NS		5700	15000	4800	5000
Antimony	NS		ND	ND	ND	ND
Arsenic	16		ND	ND	**24**	ND
Barium	10000		780	380	72	100
Beryllium	2700		0.43	ND	ND	ND
Cadmium	60		41	36	0.64	4.7
Calcium	NS		14000	5700	4800	15000
Chromium	800		240	120	15	200
Cobalt	NS		ND	ND	ND	ND
Copper	10000		1700	920	92	510
Iron	NS		302000	176000	23000	133000
Lead	3900		3600	1400	140	1100
Magnesium	10000		2700	1200	1300	2700
Manganese	10000		2600	1500	400	930
Mercury	5.7		3.3	**7.3**	0.073	0.11
Nickel	10000		250	140	21	640
Potassium	NS		640	460	710	650
Selenium	6800		85	ND	12	ND
Silver	6800		18	18	2.2	12
Sodium	NS		600	300	ND	ND
Thallium	NS		ND	ND	9	ND
Vanadium	NS		ND	ND	16	23
Zinc	10000		3800	5100	61	440

PCBs in Surface Soil Samples

PCB Congeners	RUSCO	Notes	SS-12	SS-13	B-10-SS-01 (6-19")
	µg/kg		µg/kg	µg/kg	µg/kg
PCB-1016		§	ND	ND	ND
PCB-1221		§	ND	ND	ND
PCB-1232		§	ND	ND	ND
PCB-1242		§	ND	ND	ND
PCB-1248		§	3600	8000	ND
PCB-1254		§	2200	6400	ND
PCB-1260		§	1600	3600	ND
PCB-1262		§	ND	ND	ND
PCB-1268		§	ND	ND	ND
Total PCBs	25000		7400	18000	ND

Pesticides/Herbicides in Surface Soil Samples

Pesticides/Herbicides	RUSCO	Notes	SS-12	SS-13	B-10-SS-01 (6-19")
	µg/kg		µg/kg	µg/kg	µg/kg
4,4'-DDD	180000		ND	ND	ND
4,4'-DDE	120000		ND	ND	2.8
4,4'-DDT	94000		ND	ND	7
Aldrin	1400		ND	ND	ND
alpha-BHC	1400		ND	ND	ND
beta-BHC	6800		ND	ND	ND
Chlordane	47000		ND	ND	ND
delta-BHC	1000000		ND	ND	ND
Dieldrin	2800		ND	ND	ND
Endosulfan I	920000		ND	ND	ND
Endosulfan II	920000		ND	ND	ND
Endosulfan Sulfate	920000		ND	ND	ND
Endrin	410000		ND	ND	ND
Endrin Aldehyde	NS		ND	ND	ND
Endrin Ketone	NS		ND	ND	ND
gamma-BHC (Lindane)	23000		ND	ND	ND
Heptachlor	29000		ND	ND	ND
Heptachlor Epoxide	NS		ND	ND	ND
Methoxychlor	NS		ND	ND	ND
Toxaphene	NS		ND	ND	ND

§ - standard is for sum of all PCB congeners
ND - Not Detected
NS - Not Specified in SCO
values in **BOLD** type exceed the standard level

Table 3: PCB Surface Soil Laboratory Analysis Results
Kaplan's

Date Prepared: 10-31-11
Date Sampled:8-8-07
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PCBs in Surface Soil Samples

PCB	NYS DOH	PCB-01	PCB-02	PCB-03	PCB-04	PCB-05	PCB-06	PCB-07	PCB-08	PCB-09	PCB-10	PCB-12	PCB-13	PCB-15
Congeners	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
PCB-1016	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	§	ND	ND	ND	ND	ND	420	3900	6400	ND	23000	ND	240	ND
PCB-1254	§	1200	15000	1700	1700	2500	420	4000	6300	340000	33000	15000	520	3500
PCB-1260	§	ND	ND	ND	970	ND	ND	ND	3300	ND	ND	ND	440	ND
PCB-1262	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	1000	**1200**	**15000**	**1700**	**2670**	**2500**	840	**7900**	**16000**	**340000**	**56000**	**15000**	**1200**	**3500**

§ - standard is for sum of all PCB congeners
ND - Not Detected
values in BOLD type exceed the standard level

Table 4.1: Summary of Groundwater Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 6-25-10
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VOCs in Groundwater Samples

Volatile Organic Compound	TOGS Stnd	Notes	MW-2	MW-2 (Dup.)	MW-8	MW-9	MW-11	MW-12
EPA TCL VOLATILES - WATER	µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1		ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5		ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5		ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6		ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1		ND	ND	ND	ND	ND	ND
2-Butanone-(MEK)	NS		ND	ND	ND	ND	ND	ND
2-Hexanone	NS		ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	NS		ND	ND	ND	ND	ND	ND
Acetone	NS		ND	ND	ND	20[B]	ND	ND
Benzene	1		ND	ND	ND	ND	ND	ND
Bromodichloromethane	NS		ND	ND	ND	ND	ND	ND
Bromoform	NS		ND	ND	ND	ND	ND	ND
Bromomethane	5		ND	ND	ND	ND	ND	ND
Carbon Disulfide	NS		ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	5		ND	ND	ND	ND	ND	ND
Chlorobenzene	5		ND	ND	ND	ND	ND	ND
Chloroethane	5		ND	ND	ND	ND	ND	ND
Chloroform	7		ND	ND	ND	ND	ND	ND
Chloromethane	5		ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.6		ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4		ND	ND	ND	ND	ND	ND
Dibromochloromethane	NS		ND	ND	ND	ND	ND	ND
Ethylbenzene	5		ND	ND	ND	ND	ND	ND
M&P-Xylene	10	*	ND	ND	ND	ND	ND	ND
Methylene Chloride	5		ND	ND	2[J,B]	ND	2[J,B]	1[J,B]
Methyl-Tert-Butyl-Ether	NS		ND	ND	ND	ND	ND	ND
O-Xylene	10	*	ND	ND	ND	ND	ND	ND
Styrene	5		ND	ND	ND	ND	ND	ND
Tetrachloroethylene	5		ND	ND	ND	ND	ND	ND
Toluene	5		ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5		ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4		ND	ND	ND	ND	ND	ND
Trichloroethylene	5		ND	ND	ND	ND	ND	ND
Vinyl Chloride	2		ND	ND	ND	ND	ND	ND
Total VOCs			ND	ND	2	20	2	1

ND - Not Detected

NS - Not Specified in TOGS standards

values in **BOLD** type exceed the standard level

* standard is for total xylene

Dup- Duplicate Sample

J-Estimated Value. Analyete deteceted at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL

B- Analyte was detected in associated Method Blank

Table 4.1 (continued): Summary of Groundwater Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 8-25-10

SVOCs in Groundwater Samples

Semi Volatile Organic Compound	TOGS Stnd	Notes	MW-2	MW-2(Dup)	MW-8	MW-9	MW-11	MW-12
EPA TCL SEMIVOLATILES -WATER	µg/L		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,2,4-Trichlorobenzene	5		ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane	5		ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	NS		ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	NS		ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NS		ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NS		ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NS		ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	5		ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5		ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	10		ND	ND	ND	ND	ND	ND
2-Chlorophenol	NS		ND	ND	ND	ND	ND	ND
2-Methyl Phenol	NS		ND	ND	ND	ND	ND	ND
2-Methyl-4,6-dinitrophenol	NS		ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NS		ND	ND	ND	ND	ND	ND
2-Nitroaniline	NS		ND	ND	ND	ND	ND	ND
2-Nitrophenol	NS		ND	ND	ND	ND	ND	ND
3&4-Methyl Phenol	NS		ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	5		ND	ND	ND	ND	ND	ND
3-Nitroaniline	NS		ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NS		ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NS		ND	ND	ND	ND	ND	ND
4-Chloroaniline	NS		ND	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NS		ND	ND	ND	ND	ND	ND
4-Nitroaniline	NS		ND	ND	ND	ND	ND	ND
4-Nitrophenol	NS		ND	ND	ND	ND	ND	ND
Acenaphthene	20		ND	ND	ND	ND	ND	ND
Acenaphthylene	NS		ND	ND	ND	ND	ND	ND
Anthracene	NS		ND	ND	ND	ND	ND	ND
Benzo (g,h,i) perylene	NS		ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	NS		ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	NS		ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NS		ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NS		ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NS		ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	1		ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5		ND	ND	ND	ND	ND	ND
Butyl Benzyl Phthalate	NS		ND	ND	ND	ND	ND	ND
Chrysene	NS		ND	ND	ND	ND	ND	ND
Dibenzo(a,h)Anthracene	NS		ND	ND	ND	ND	ND	ND
Dibenzofuran	NS		ND	ND	ND	ND	ND	ND
Diethyl Phthalate	NS		ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	NS		ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	NS		ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NS		ND	ND	ND	ND	ND	ND
Fluoranthene	NS		ND	ND	ND	ND	ND	ND
Fluorene	NS		ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.04		ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5		ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5		ND	ND	ND	ND	ND	ND
Hexachloroethane	5		ND	ND	ND	ND	ND	ND
Indeno (1,2,3-cd)Pyrene	NS		ND	ND	ND	ND	ND	ND
Isophorone	NS		ND	ND	ND	ND	ND	ND
Naphthalene	10		ND	ND	ND	ND	ND	ND
Nitrobenzene	0.4		ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	NS		ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NS		ND	ND	ND	ND	ND	ND
Pentachlorophenol	NS		ND	ND	ND	ND	ND	ND
Phenanthrene	NS		ND	ND	ND	ND	ND	ND
Phenol	1		ND	ND	ND	ND	ND	ND
Pyrene	50		ND	ND	ND	ND	ND	ND
Total SVOCs			ND	ND	ND	ND	ND	ND

ND - Not Detected
NS - Not Specified in TOGS standards
values in **BOLD** type exceed the standard level
Dup - Duplicate Sample
J-Estimated Value. Analyete deteceted at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL
B- Analyte was detected in associated Method Blank

Table 4.1 (continued): Summary of Groundwater Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled: 6-25-10

Metals in Groundwater Samples

Metals	TOGS Stnds	Notes	MW-2	MW-2 (Dup)	MW-8	MW-9	MW-11	MW-12
TAL METALS	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Aluminum	NS		14.4	13.3	0.716	ND	3.3	2.12
Antimony	NS		ND	ND	ND	ND	ND	ND
Arsenic	0.025	*	ND	0.0613	ND	ND	ND	ND
Barium	1	*	1.28	1.26	0.414	0.303	0.182	0.184
Beryllium	0.003	*	ND	ND	ND	ND	ND	ND
Cadmium	0.005	*	ND	ND	ND	ND	ND	ND
Calcium	NS		150	155	159	127	174	149
Chromium	0.05	*	0.0221	0.0219	ND	ND	ND	ND
Cobalt	NS		ND	ND	ND	ND	ND	ND
Copper	0.2	*	0.0752	0.0724	ND	ND	ND	ND
Iron	0.3	*	**43.2**	**42.6**	**5.22**	**2.23**	**16.6**	**14.6**
Lead	0.025	*	0.0105	ND	ND	ND	ND	ND
Manganese	0.3	*	**1.02**	**1.07**	**0.756**	**0.487**	**0.445**	**0.327**
Magnesium	35		24.2	25.5	20.7	18.2	37.4	22.2
Mercury	0.0007	*	ND	ND	ND	ND	ND	ND
Nickel	0.1	*	ND	ND	ND	ND	ND	ND
Potassium	NS		10.3	9.42	3.58	1.71	2.08	6.4
Selenium	0.01	*	ND	ND	ND	ND	ND	**0.04**
Silver	0.05	*	ND	ND	ND	ND	ND	ND
Sodium	20	*	**85.4**	**84.6**	**110**	**77.4**	**51.4**	**61.7**
Thallium	NS		ND	ND	ND	ND	ND	ND
Vanadium	NS		ND	ND	ND	ND	ND	ND
Zinc	NS		0.213	0.168	ND	ND	ND	ND

PCBs in Groundwater Samples

PCB Congeners	TOGS Stnds	Notes	MW-2	MW-2 (Dup)	MW-8	MW-9	MW-11	MW-12
	µg/L		mg/L	mg/L	µg/L	µg/L	µg/L	µg/L
PCB-1016		§	RFS	RFS	RFS	RFS	RFS	RFS
PCB-1221		§	RFS	RFS	RFS	RFS	RFS	RFS
PCB-1232		§	RFS	RFS	RFS	RFS	RFS	RFS
PCB-1242		§	RFS	RFS	RFS	RFS	RFS	RFS
PCB-1248		§	RFS	RFS	RFS	RFS	RFS	RFS
PCB-1254		§	RFS	RFS	RFS	RFS	RFS	RFS
PCB-1260		§	RFS	RFS	RFS	RFS	RFS	RFS
PCB-1262		§	RFS	RFS	RFS	RFS	RFS	RFS
Total PCBs	0.09		RFS	RFS	RFS	RFS	RFS	RFS

Pesticides/Herbicides in Groundwater Samples

Pesticides/Herbicides	TOGS Stnds	Notes	MW-2	MW-2 (Dup)	MW-8	MW-9	MW-11	MW-12
	µg/L		mg/L	mg/L	µg/L	µg/L	µg/L	µg/L
4,4'-DDD	0.3		RFS	RFS	RFS	RFS	RFS	RFS
4,4'-DDE	0.2		RFS	RFS	RFS	RFS	RFS	RFS
4,4'-DDT	0.2		RFS	RFS	RFS	RFS	RFS	RFS
Aldrin	0		RFS	RFS	RFS	RFS	RFS	RFS
alpha-BHC	0.01		RFS	RFS	RFS	RFS	RFS	RFS
beta-BHC	0.04		RFS	RFS	RFS	RFS	RFS	RFS
Chlordane	0.05		RFS	RFS	RFS	RFS	RFS	RFS
delta-BHC	0.04		RFS	RFS	RFS	RFS	RFS	RFS
Dieldrin	0.004		RFS	RFS	RFS	RFS	RFS	RFS
Endosulfan I	NS		RFS	RFS	RFS	RFS	RFS	RFS
Endosulfan II	NS		RFS	RFS	RFS	RFS	RFS	RFS
Endosulfan Sulfate	NS		RFS	RFS	RFS	RFS	RFS	RFS
Endrin	0		RFS	RFS	RFS	RFS	RFS	RFS
Endrin Aldehyde	5		RFS	RFS	RFS	RFS	RFS	RFS
Endrin Ketone	5		RFS	RFS	RFS	RFS	RFS	RFS
gamma-BHC (Lindane)	0.05		RFS	RFS	RFS	RFS	RFS	RFS
Heptachlor	0.04		RFS	RFS	RFS	RFS	RFS	RFS
Heptachlor Epoxide	0.03		RFS	RFS	RFS	RFS	RFS	RFS
Methoxychlor	35		RFS	RFS	RFS	RFS	RFS	RFS
Toxaphene	0.06		RFS	RFS	RFS	RFS	RFS	RFS

§ - standard is for sum of all PCB congeners

* TOGS values for metals are given in ug/L - they were divided by 1000 to get mg/L

ND - Not Detected

NS - Not Specified in TOGS standards

values in **BOLD** type exceed the standard level

RFS - Removed from scope

Table 4.2: Summary of Groundwater Sample Results

Kaplan's

Date Prepared: 10-31-2011
Date Sampled: 8-8-2007

VOCs in Groundwater Samples

Volatile Organic Compound	TOGS Stnd	Notes	MW-8	MW-9	MW-11	MW-12
EPA TCL Volatiles in Water	µg/L		µg/L	µg/L	µg/L	µg/L
1,1,1-Trichloroethane	5		ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5		ND	ND	ND	ND
1,1,2-Trichloroethane	1		ND	ND	ND	ND
1,1-Dichloroethane	5		ND	ND	ND	ND
1,1-Dichloroethylene	5		ND	ND	ND	ND
1,2-Dichloroethane	0.6		ND	ND	ND	ND
1,2-Dichloropropane	1		ND	ND	ND	ND
2-Butanone-(MEK)	NS		ND	ND	ND	ND
2-Hexanone	NS		ND	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	NS		ND	ND	ND	ND
Acetone	NS		ND	ND	ND	ND
Benzene	1		ND	ND	ND	ND
Bromodichloromethane	NS		ND	ND	ND	ND
Bromoform	NS		ND	ND	ND	ND
Bromomethane	5		ND	ND	ND	ND
Carbon Disulfide	NS		ND	ND	ND	ND
Carbon Tetrachloride	5		ND	ND	ND	ND
Chlorobenzene	5		ND	ND	ND	ND
Chloroethane	5		ND	ND	ND	ND
Chloroform	7		ND	ND	ND	ND
Chloromethane	5		ND	ND	ND	ND
cis-1,2-Dichloroethylene	0.6		ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Dibromochloromethane	NS		ND	ND	ND	ND
Ethylbenzene	5		ND	ND	ND	ND
M&P-Xylene	10	*	ND	ND	1	ND
Methylene Chloride	5		ND	ND	ND	ND
Methyl-Tert-Butyl-Ether	NS		ND	ND	ND	ND
O-Xylene	10	*	ND	ND	ND	ND
Styrene	5		ND	ND	ND	ND
Tetrachloroethylene	5		ND	ND	ND	ND
Toluene	5		ND	ND	ND	ND
trans-1,2-Dichloroethylene	5		ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4		ND	ND	ND	ND
Trichloroethylene	5		ND	ND	ND	ND
Vinyl Chloride	2		ND	ND	ND	ND
Total VOCs			ND	ND	1	ND

ND - Not Detected

NS - Not Specified in TOGS standards

values in **BOLD** type exceed the standard level

* standard is for total xylene

Table 4.2 (continued): Summary of Groundwater Sample Results

Kaplan's

Date Prepared: 10-31-2011
Date Sampled: 8-8-2007
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SVOCs In Groundwater Samples

Semi Volatile Organic Compound	TOGS Stnd	Notes	MW-8	MW-9	MW-11	MW-12
EPA TCL Semi-Volatiles in Water	µg/L		µg/L	µg/L	µg/L	µg/L
1,2,4-Trichlorobenzene	5		ND	ND	ND	ND
1,2-Dichlorobenzene	3		ND	ND	ND	ND
1,3-Dichlorobenzene	3		ND	ND	ND	ND
1,4-Dichlorobenzene	3		ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane	5		ND	ND	ND	ND
2,4,5-Trichlorophenol	NS		ND	ND	ND	ND
2,4,6-Trichlorophenol	NS		ND	ND	ND	ND
2,4-Dichlorophenol	NS		ND	ND	ND	ND
2,4-Dimethylphenol	NS		ND	ND	ND	ND
2,4-Dinitrophenol	NS		ND	ND	ND	ND
2,4-Dinitrotoluene	5		ND	ND	ND	ND
2,6-Dinitrotoluene	5		ND	ND	ND	ND
2-Chloronaphthalene	10		ND	ND	ND	ND
2-Chlorophenol	NS		ND	ND	ND	ND
2-Methyl Phenol	NS		ND	ND	ND	ND
2-Methyl-4,6-dinitrophenol	NS		ND	ND	ND	ND
2-Methylnaphthalene	NS		ND	ND	ND	ND
2-Nitroaniline	NS		ND	ND	ND	ND
2-Nitrophenol	NS		ND	ND	ND	ND
3&4-Methyl Phenol	NS		ND	ND	ND	ND
3,3'-Dichlorobenzidine	5		ND	ND	ND	ND
3-Nitroaniline	NS		ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NS		ND	ND	ND	ND
4-Chloro-3-methylphenol	NS		ND	ND	ND	ND
4-Chloroaniline	NS		ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NS		ND	ND	ND	ND
4-Nitroaniline	NS		ND	ND	ND	ND
4-Nitrophenol	NS		ND	ND	ND	ND
Acenaphthene	20		ND	ND	ND	ND
Acenaphthylene	NS		ND	ND	ND	ND
Anthracene	NS		ND	ND	ND	ND
Benzo (g,h,i) perylene	NS		ND	ND	ND	ND
Benzo(a)anthracene	NS		ND	ND	ND	ND
Benzo(a)pyrene	NS		ND	ND	ND	ND
Benzo(b)fluoranthene	NS		ND	ND	ND	ND
Benzo(k)fluoranthene	NS		ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NS		ND	ND	ND	ND
bis(2-Chloroethyl)ether	1		ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5		ND	ND	ND	ND
Butyl Benzyl Phthalate	NS		ND	ND	ND	ND
Chrysene	NS		ND	ND	ND	ND
Dibenzo(a,h)Anthracene	NS		ND	ND	ND	ND
Dibenzofuran	NS		ND	ND	ND	ND
Diethyl Phthalate	NS		ND	ND	ND	ND
Dimethyl Phthalate	NS		ND	ND	ND	ND
Di-n-butylphthalate	NS		ND	ND	ND	ND
Di-n-octyl phthalate	NS		ND	ND	ND	ND
Fluoranthene	NS		ND	ND	ND	ND
Fluorene	NS		ND	ND	ND	ND
Hexachlorobenzene	0.04		ND	ND	ND	ND
Hexachlorobutadiene	0.5		ND	ND	ND	ND
Hexachlorocyclopentadiene	5		ND	ND	ND	ND
Hexachloroethane	5		ND	ND	ND	ND
Indeno (1,2,3-cd)Pyrene	NS		ND	ND	ND	ND
Isophorone	NS		ND	ND	ND	ND
Naphthalene	10		ND	ND	2	ND
Nitrobenzene	0.4		ND	ND	ND	ND
N-Nitroso-di-n-propylamine	NS		ND	ND	ND	ND
N-Nitrosodiphenylamine	NS		ND	ND	ND	ND
Pentachlorophenol	NS		ND	ND	ND	ND
Phenanthrene	NS		ND	ND	ND	ND
Phenol	1		ND	ND	ND	ND
Pyrene	50		ND	ND	ND	ND
Total SVOCs			ND	ND	2	ND

ND - Not Detected
NS - Not Specified in TOGS standards
values in BOLD type exceed the standard level

Table 4.2 (continued): Summary of Groundwater Sample Results

Kaplan's

Date Prepared: 10-31-2011
Date Sampled: 8-8-2007
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Metals in Groundwater Samples

Metals	TOGS Stnds	Notes	MW-8	MW-9	MW-11	MW-12
EPA TCL Metals	mg/L		mg/L	mg/L	mg/L	mg/L
Aluminum	NS		0.32	0.53	0.86	2.2
Antimony	NS		ND	ND	ND	ND
Arsenic	0.025	*	ND	ND	ND	ND
Barium	1	*	0.49	0.52	0.31	0.12
Beryllium	0.003	*	ND	ND	ND	ND
Cadmium	0.005	*	ND	ND	ND	ND
Calcium	NS		130	140	180	120
Chromium	0.05	*	ND	ND	ND	0.0064
Cobalt	NS		ND	ND	ND	ND
Copper	0.2	*	ND	ND	ND	0.0081
Iron	0.3	*	**4.8**	**6.8**	**12**	**3.1**
Lead	0.025	*	ND	ND	ND	0.011
Manganese	0.3	*	**0.69**	**0.72**	**0.42**	**0.49**
Mercury	0.0007	*	ND	ND	ND	ND
Nickel	0.1	*	ND	ND	ND	ND
Potassium	NS		2.5	2.8	2	8.7
Selenium	0.01	*	**0.027**	ND	**0.025**	**0.04**
Silver	0.05	*	ND	ND	ND	ND
Sodium	20	*	**110**	**79**	**57**	**59**
Thallium	NS		ND	ND	ND	ND
Vanadium	NS		ND	ND	ND	ND
Zinc	NS		ND	ND	ND	ND

PCBs in Groundwater Samples

PCB Congeners	TOGS Stnds	Notes	MW-8	MW-9	MW-11	MW-12
	µg/L		µg/L	µg/L	µg/L	µg/L
PCB-1016		§	ND	ND	ND	ND
PCB-1221		§	ND	ND	ND	ND
PCB-1232		§	ND	ND	ND	ND
PCB-1242		§	ND	ND	ND	ND
PCB-1248		§	ND	ND	ND	ND
PCB-1254		§	ND	ND	ND	ND
PCB-1260		§	ND	ND	ND	ND
PCB-1262		§	ND	ND	ND	ND
Total PCBs	0.09		ND	ND	ND	ND

Pesticides/Herbicides in Groundwater Samples

Pesticides/Herbicides	TOGS Stnds	Notes	MW-8	MW-9	MW-11	MW-12
	µg/L		µg/L	µg/L	µg/L	µg/L
4,4'-DDD	0.3		ND	ND	ND	ND
4,4'-DDE	0.2		ND	ND	ND	ND
4,4'-DDT	0.2		ND	ND	ND	ND
Aldrin	0		ND	ND	ND	ND
alpha-BHC	0.01		ND	ND	ND	ND
beta-BHC	0.04		ND	ND	ND	ND
Chlordane	0.05		ND	ND	ND	ND
delta-BHC	0.04		ND	ND	ND	ND
Dieldrin	0.004		ND	ND	ND	ND
Endosulfan I	NS		ND	ND	ND	ND
Endosulfan II	NS		ND	ND	ND	ND
Endosulfan Sulfate	NS		ND	ND	ND	ND
Endrin	0		ND	ND	ND	ND
Endrin Aldehyde	5		ND	ND	ND	ND
Endrin Ketone	5		ND	ND	ND	ND
gamma-BHC (Lindane)	0.05		ND	ND	ND	ND
Heptachlor	0.04		ND	ND	ND	ND
Heptachlor Epoxide	0.03		ND	ND	ND	ND
Methoxychlor	35		ND	ND	ND	ND
Toxaphene	0.06		ND	ND	ND	ND

§ - standard is for sum of all PCB congeners

* TOGS values for metals are given in ug/L - they were divided by 1000 to get mg/L

ND - Not Detected

NS - Not Specified in TOGS standards

values in **BOLD** type exceed the standard level

Table 5: Summary of Off-site Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled 8-8-07

VOCs in Off-site Soil Samples

			Surface		Subsurface		
Volatile Organic Compounds	**TAGM4046**	**Notes**	**SS-10**	**SS-11**	**B-8 (10-12')**	**B-12 (4-6')**	**B-12 (8-9')**
	µg/kg		**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
1,1,1-Trichloroethane	800		ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	600		ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS		ND	ND	ND	ND	ND
1,1-Dichloroethane	200		ND	ND	ND	ND	ND
1,1-Dichloroethylene	400		ND	ND	ND	ND	ND
1,2-Dichloroethane	100		ND	ND	ND	ND	ND
1,2-Dichloropropane	NS		ND	ND	ND	ND	ND
2-Butanone-(MEK)	300		ND	ND	ND	ND	ND
2-Hexanone	NS		ND	ND	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	1000		ND	ND	ND	ND	ND
Acetone	200	J,B	$13^{J,B}$	ND	55^{B}	$41^{J,B}$	ND
Benzene	60		ND	ND	ND	ND	ND
Bromodichloromethane	NS		ND	ND	ND	ND	ND
Bromoform	NS		ND	ND	ND	ND	ND
Bromomethane	NS		ND	ND	ND	ND	ND
Carbon Disulfide	2700		ND	ND	ND	ND	ND
Carbon Tetrachloride	600		ND	ND	ND	ND	ND
Chlorobenzene	1700		ND	ND	ND	ND	ND
Chloroethane	1900		ND	ND	ND	ND	ND
Chloroform	300		ND	ND	ND	ND	ND
Chloromethane	NS		ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	NS		ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS		ND	ND	ND	ND	ND
Dibromochloromethane	NS		ND	ND	ND	ND	ND
Ethylbenzene	5500		ND	ND	ND	ND	ND
M & P XYLENE	1200	*	7^{J}	2^{J}	ND	ND	ND
Methylene Chloride	100	J,B	$19^{J,B}$	$10^{J,B}$	$8^{J,B}$	39^{B}	41^{B}
Methyl-Tert-Butyl-Ether	NS		ND	ND	ND	ND	ND
O-XYLENE	1200	*	4^{J}	ND	ND	ND	ND
Styrene	NS		ND	ND	ND	ND	ND
Tetrachloroethylene	1400		ND	ND	ND	ND	ND
Toluene	1500		ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	300		ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS		ND	ND	ND	ND	ND
Trichloroethylene	700		ND	ND	ND	ND	ND
Vinyl Chloride	200		ND	ND	ND	ND	ND
Total VOCs	10000	J,B	43	12	63	80	41

ND - Not Detected
NS - Not Specified in TAGM 4046
* - standard is for total xylene
values in **BOLD** type exceed the standard level
J-Estimated Value. Analyete deteceted at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL
B- Analyte was detected in associated Method Blank

Table 5 (continued): Summary of Off-site Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled 8-8-07

SVOCs in Off-site Soil Samples

			Surface		Subsurface		
Semi Volatile Organic Compounds	**TAGM4046 µg/kg**	**Notes**	**SS-10 µg/kg**	**SS-11 µg/kg**	**B-8 (10-12') µg/kg**	**B-12 (4-8') µg/kg**	**B-12 (8-9') µg/kg**
1,2,4-Trichlorobenzene	3400		ND	ND	ND	ND	ND
1,2-Dichlorobenzene	7900		ND	44J	ND	ND	ND
1,3-Dichlorobenzene	1600		ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8500		ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane	50000		ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	50000		ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	50000		ND	ND	ND	ND	ND
2,4-Dichlorophenol	50000		ND	ND	ND	ND	ND
2,4-Dimethylphenol	50000		ND	ND	ND	ND	ND
2,4-Dinitrophenol	50000		ND	ND	ND	ND	ND
2,4-Dinitrotoluene	50000		ND	ND	ND	ND	ND
2,6-Dinitrotoluene	1000		ND	ND	ND	ND	ND
2-Chloronaphthalene	50000		ND	ND	ND	ND	ND
2-Chlorophenol	50000		ND	ND	ND	ND	ND
2-Methyl Naphthalene	50000		100J	170J	ND	200	ND
2-Methyl Phenol	50000		ND	ND	ND	ND	ND
2-Methyl-4,6-dinitrophenol	50000		ND	ND	ND	ND	ND
2-Nitroaniline	50000		ND	ND	ND	ND	ND
2-Nitrophenol	50000		ND	ND	ND	ND	ND
3&4-Methyl Phenol	50000		ND	88J	ND	ND	ND
3,3'-Dichlorobenzidine	50000		ND	ND	ND	ND	ND
3-Nitroaniline	50000		ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	50000		ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	50000		ND	ND	ND	ND	ND
4-Chloroanaline	50000		ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	50000		ND	ND	ND	ND	ND
4-Nitroaniline	50000		ND	ND	ND	ND	ND
4-Nitrophenol	50000		ND	ND	ND	ND	ND
Acenaphthene	50000		250	ND	ND	250	ND
Acenaphthylene	41000		120J	100J	ND	430	ND
Anthracene	50000		600	210J	ND	810	ND
Benzo (g,h,i) perylene	50000		5400	1000	ND	2300	45J
Benzo(a)anthracene	50000		2700	720	41J	1800	ND
Benzo(a)pyrene	61		**5700**	**1100**	39J	**3700**	43J
Benzo(b)fluoranthene	1100		**6400**	**1400**	39J	**2600**	ND
Benzo(k)fluoranthene	1100		**4800**	930	41J	**1800**	ND
bis(2-Chloroethoxy)methane	50000		ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	50000		ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	50000		79	190	ND	ND	ND
Butyl Benzyl Phthalate	50000		ND	180J	ND	ND	ND
Chrysene	400		**3700J**	**820J**	42J	**2400**	50J
Dibenzo(a,h)Anthracene	14		**1700**	**230**	ND	**500**	ND
Dibenzofuran	50000		170J	48J	ND	ND	ND
Diethyl Phthalate	7100		ND	ND	ND	ND	ND
Dimethyl Phthalate	50000		ND	ND	ND	ND	ND
Di-n-butylphthalate	8100		ND	81J	ND	ND	ND
Di-n-octyl phthalate	50000		ND	ND	ND	ND	ND
Fluoranthene	50000		4700	1200	90J	2100	55J
Fluorene	50000		200	54J	ND	310	ND
Hexachlorobenzene	410		ND	ND	ND	ND	ND
Hexachlorobutadiene	50000		ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	50000		ND	ND	ND	ND	ND
Hexachloroethane	50000		ND	ND	ND	ND	ND
Indeno (1,2,3-cd)Pyrene	3200		**4800**	640	ND	1400	ND
Isophorone	4400		ND	ND	ND	ND	ND
Naphthalene	50000		210	90	ND	200	ND
Nitrobenzene	200		ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	50000		ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	50000		ND	ND	ND	ND	ND
Pentachlorophenol	1000		ND	ND	ND	ND	ND
Phenanthrene	50000		2100	680	49J	1600	64J
Phenol	30		ND	ND	ND	ND	ND
Pyrene	50000		4200	1100	62J	480	120J
Total SVOCs	500000		43839	9280	403	22880	377

ND - Not Detected

values in **BOLD** type exceed the standard level

J-Estimated Value Analyete deteceted at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL

B- Analyte was detected in associated Method Blank

Table 5 (continued): Summary of Off-site Sample Results

Kaplan's

Date Prepared: 10-31-11
Date Sampled 6-8-07

Metals in Off-site Soil Samples

				Surface		Subsurface		
Metals	**TAGM 4046**	**Background**	**Notes**	**SS-10**	**SS-11**	**B-8 (10-12')**	**B-12 (4-8')**	**B-12 (8-9')**
	mg/kg	**mg/kg**		**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Aluminum	SB	33000	†	7100	7900	9300	4700	6600
Antimony	SB			ND	ND	ND	ND	ND
Arsenic	7.5	12.9	*	**44**	**24**		**14**	**11**
Barium	300	219	*	120	190	100	68	82
Beryllium	0.16		*	**0.62**	**0.51**	ND	ND	ND
Cadmium	1	2.71	*	ND	**5**	0.34	ND	ND
Calcium	SB	130-3500	†	**17000**	**13000**	1700	**33000**	**36000**
Chromium	10	81	*	**38**	**530**	**13**	**11**	**10**
Cobalt	30		*	ND	ND	ND	ND	ND
Copper	25		*	**150**	**260**	24	23	24
Iron	2000		*	**60000**	**70000**	**19000**	**18000**	**17000**
Lead	SB	2200		290	610	8.5	52	11
Magnesium	SB	100-5000	†	2400	3000	3600	4700	**7800**
Manganese	SB	50-5000	†	2400	810	140	230	360
Mercury	0.1	0.215		**0.37**	**0.66**	ND	**0.15**	0.04
Nickel	13		*	**29**	**92**	**22**	**13**	**16**
Potassium	SB	8500-43000	†	850	830	820	690	910
Selenium	2	2	*	ND	ND	**9**	**9**	**6.8**
Silver	SB			5.7	6.6	1.6	1.2	1.4
Sodium	SB	6000-8000	†	ND	190	ND	ND	ND
Thallium	SB			ND	ND	6.8	ND	6.3
Vanadium	150		*	ND	ND	13	22	11
Zinc	20		*	**330**	**510**	**78**	**35**	**42**

PCBs in Off-Site Soil Samples

			Surface		Subsurface		
PCB Congeners	**TAGM 4046**	**Notes**	**SS-10**	**SS-11**	**B-8 (10-12')**	**B-12 (4-8')**	**B-12 (8-9')**
	µg/kg		**µg/kg**	**µg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
PCB-1016		§	ND	ND	ND	ND	ND
PCB-1221		§	ND	ND	ND	ND	ND
PCB-1232		§	ND	ND	ND	ND	ND
PCB-1242		§	ND	ND	ND	ND	ND
PCB-1248		§	ND	ND	ND	ND	ND
PCB-1254		§	ND	580	ND	ND	ND
PCB-1260		§	3300	500	ND	ND	ND
PCB-1262		§	ND	ND	ND	ND	ND
PCB-1268		§	ND	ND	ND	ND	ND
Total PCBs	1000		**3300**	**1080**	ND	ND	ND

Pesticides/Herbicides in Off-Site Soil Samples

			Surface		Subsurface		
Pesticides/Herbicides	**TAGM 4046**	**Notes**	**SS-10**	**SS-11**	**B-8 (10-12')**	**B-12 (4-8')**	**B-12 (8-9')**
	µg/kg		**µg/kg**	**µg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
4,4'-DDD	2900		ND	ND	ND	ND	ND
4,4'-DDE	2100		ND	ND	ND	ND	ND
4,4'-DDT	2100		ND	ND	ND	ND	ND
Aldrin	41		ND	ND	ND	ND	ND
alpha-BHC	41		ND	ND	ND	ND	ND
beta-BHC	110		ND	ND	ND	ND	ND
Chlordane	540		ND	ND	ND	ND	ND
delta-BHC	300		ND	ND	ND	ND	ND
Dieldrin	44		ND	ND	ND	ND	ND
Endosulfan I	900		ND	ND	ND	ND	ND
Endosulfan II	900		ND	ND	ND	ND	ND
Endosulfan Sulfate	1000		ND	ND	ND	ND	ND
Endrin	100		ND	ND	ND	ND	ND
Endrin Aldehyde	NS		ND	ND	ND	ND	ND
Endrin Ketone	NS		ND	ND	ND	ND	ND
gamma-BHC (Lindane)	60		ND	ND	ND	ND	ND
Heptachlor	100		ND	ND	ND	ND	ND
Heptachlor Epoxide	20		ND	ND	ND	ND	ND
Methoxychlor	50000		ND	ND	ND	ND	ND
Toxaphene	NS		ND	ND	ND	ND	ND
Total Pesticides	10000		ND	ND	ND	ND	ND

ND - Not Detected
NS - Not Specified in TAGM 4046
SB - site background
† - the Eastern USA Background level is given as Background
* - standard allows use of either TAGM 4046 level or Site Background
§ - standard is for total PCBs
values in **BOLD** type exceed the TAGM 4046 standard level
J-Estimated Value. Analyete deteceted at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL
B- Analyte was detected in associated Method Blank

Table 5 (continued): Summary of Off-site Sample Results

Kaplan's

VOCs in Groundwater Samples

Date Prepared: 10-31-11
Date Sampled 8-8-07

Volatile Organic Compounds	TOGS Stnd	Notes	MW-8	MW-12
	µg/L		µg/L	µg/L
1,1,1-Trichloroethane	5		ND	ND
1,1,2,2-Tetrachloroethane	5		ND	ND
1,1,2-Trichloroethane	1		ND	ND
1,1-Dichloroethane	5		ND	ND
1,1-Dichloroethylene	5		ND	ND
1,2-Dichloroethane	0.6		ND	ND
1,2-Dichloropropane	1		ND	ND
2-Butanone-(MEK)	NS		ND	ND
2-Hexanone	NS		ND	ND
4-Methyl-2-Pentanone (MIBK)	NS		ND	ND
Acetone	NS		ND	ND
Benzene	1		ND	ND
Bromodichloromethane	NS		ND	ND
Bromoform	NS		ND	ND
Bromomethane	5		ND	ND
Carbon Disulfide	NS		ND	ND
Carbon Tetrachloride	5		ND	ND
Chlorobenzene	5		ND	ND
Chloroethane	5		ND	ND
Chloroform	7		ND	ND
Chloromethane	5		ND	ND
cis-1,2-Dichloroethylene	0.6		ND	ND
cis-1,3-Dichloropropene	0.4		ND	ND
Dibromochloromethane	NS		ND	ND
Ethylbenzene	5		ND	ND
M&P-Xylene	10		ND	ND
Methylene Chloride	5		ND	ND
Methyl-Tert-Butyl-Ether	NS		ND	ND
O-Xylene	10		ND	ND
Styrene	5		ND	ND
Tetrachloroethylene	5		ND	ND
Toluene	5		ND	ND
trans-1,2-Dichloroethylene	5		ND	ND
trans-1,3-Dichloropropene	0.4		ND	ND
Trichloroethylene	5		ND	ND
Vinyl Chloride	2		ND	ND
Total VOCs			ND	ND

ND - Not Detected
NS - Not Specified in TOGS Standard
values in **BOLD** type exceed the standard level
J-Estimated Value. Analyete deteceted at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL
B- Analyte was detected in associated Method Blank

Table 5 (continued): Summary of Off-site Sample Results

Kaplan's

SVOCs in Groundwater Samples

Date Prepared: 10-31-11
Date Sampled 6-8-07

Semi Volatile Organic Compounds	TOGS Stnd µg/L	Notes	MW-8 µg/L	MW-12 µg/L
1,2,4-Trichlorobenzene	5		ND	ND
1,2-Dichlorobenzene	3		ND	ND
1,3-Dichlorobenzene	3		ND	ND
1,4-Dichlorobenzene	3		ND	ND
2,2'-oxybis(1-Chloropropane	5		ND	ND
2,4,5-Trichlorophenol	NS		ND	ND
2,4,6-Trichlorophenol	NS		ND	ND
2,4-Dichlorophenol	NS		ND	ND
2,4-Dimethylphenol	NS		ND	ND
2,4-Dinitrophenol	NS		ND	ND
2,4-Dinitrotoluene	5		ND	ND
2,6-Dinitrotoluene	5		ND	ND
2-Chloronaphthalene	10		ND	ND
2-Chlorophenol	NS		ND	ND
2-Methyl Phenol	NS		ND	ND
2-Methyl-4,6-dinitrophenol	NS		ND	ND
2-Methylnaphthalene	NS		ND	ND
2-Nitroaniline	NS		ND	ND
2-Nitrophenol	NS		ND	ND
3&4-Methyl Phenol	NS		ND	ND
3,3'-Dichlorobenzidine	5		ND	ND
3-Nitroaniline	NS		ND	ND
4-Bromophenyl Phenyl Ether	NS		ND	ND
4-Chloro-3-methylphenol	NS		ND	ND
4-Chloroaniline	NS		ND	ND
4-Chlorophenyl Phenyl Ether	NS		ND	ND
4-Nitroaniline	NS		ND	ND
4-Nitrophenol	NS		ND	ND
Acenaphthene	20		ND	ND
Acenaphthylene	NS		ND	ND
Anthracene	NS		ND	ND
Benzo (g,h,i) perylene	NS		ND	ND
Benzo(a)anthracene	NS		ND	ND
Benzo(a)pyrene	NS		ND	ND
Benzo(b)fluoranthene	NS		ND	ND
Benzo(k)fluoranthene	NS		ND	ND
bis(2-Chloroethoxy)methane	NS		ND	ND
bis(2-Chloroethyl)ether	1		ND	ND
bis(2-Ethylhexyl)phthalate	5		ND	ND
Butyl Benzyl Phthalate	NS		ND	ND
Chrysene	NS		ND	ND
Dibenzo(a,h)Anthracene	NS		ND	ND
Dibenzofuran	NS		ND	ND
Diethyl Phthalate	NS		ND	ND
Dimethyl Phthalate	NS		ND	ND
Di-n-butylphthalate	NS		ND	ND
Di-n-octyl phthalate	NS		ND	ND
Fluoranthene	NS		ND	ND
Fluorene	NS		ND	ND
Hexachlorobenzene	0.04		ND	ND
Hexachlorobutadiene	0.5		ND	ND
Hexachlorocyclopentadiene	5		ND	ND
Hexachloroethane	5		ND	ND
Indeno (1,2,3-cd)Pyrene	NS		ND	ND
Isophorone	NS		ND	ND
Naphthalene	10		ND	ND
Nitrobenzene	0.4		ND	ND
N-Nitroso-di-n-propylamine	NS		ND	ND
N-Nitrosodiphenylamine	NS		ND	ND
Pentachlorophenol	NS		ND	ND
Phenanthrene	NS		ND	ND
Phenol	1		ND	ND
Pyrene	50		ND	ND
Total SVOCs			ND	ND

ND - Not Detected
NS - Not Specified in TOGS Standard
values in **BOLD** type exceed the standard level
J-Estimated Value. Analyte detected at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL
B- Analyte was detected in associated Method Blank

Table 5 (continued): Summary of Off-site Sample Results

Date: 9/21/07

Kaplan's

Date Prepared: 10-31-11
Date Sampled 8-8-07

Metals in Groundwater Samples

Metals	TOGS Stnds	Notes	MW-8	MW-12
	mg/L		mg/L	mg/L
Aluminum	NS		0.32	2.2
Antimony	NS		ND	ND
Arsenic	0.025	*	ND	ND
Barium	1	*	0.49	0.12
Beryllium	0.003	*	ND	ND
Cadmium	0.005	*	ND	ND
Calcium	NS		130	120
Chromium	0.05	*	ND	0.0064
Cobalt	NS		ND	ND
Copper	0.2	*	ND	0.0081
Iron	0.3	*	**4.8**	**3.1**
Lead	0.025	*	ND	0.011
Manganese	0.3	*	**0.69**	**0.49**
Mercury	0.0007	*	ND	ND
Nickel	0.1	*	ND	ND
Potassium	NS		2.5	8.7
Selenium	0.01	*	**0.027**	**0.04**
Silver	0.05	*	ND	ND
Sodium	20	*	**110**	**59**
Thallium	NS		ND	ND
Vanadium	NS		ND	ND
Zinc	NS		ND	ND

PCBs in Groundwater Samples

PCB Congeners	TOGS Stnds	Notes	MW-8	MW-12
	µg/L		µg/L	µg/L
PCB-1016		§	ND	ND
PCB-1221		§	ND	ND
PCB-1232		§	ND	ND
PCB-1242		§	ND	ND
PCB-1248		§	ND	ND
PCB-1254		§	ND	ND
PCB-1260		§	ND	ND
PCB-1262		§	ND	ND
Total PCBs	0.09		ND	ND

Pesticides/Herbicides in Groundwater Samples

Pesticides/Herbicides	TOGS Stnds	Notes	MW-8	MW-12
	µg/L		µg/L	µg/L
4,4'-DDD	0.3		ND	ND
4,4'-DDE	0.2		ND	ND
4,4'-DDT	0.2		ND	ND
Aldrin	0		ND	ND
alpha-BHC	0.01		ND	ND
beta-BHC	0.04		ND	ND
Chlordane	0.05		ND	ND
delta-BHC	0.04		ND	ND
Dieldrin	0.004		ND	ND
Endosulfan I	NS		ND	ND
Endosulfan II	NS		ND	ND
Endosulfan Sulfate	NS		ND	ND
Endrin	0		ND	ND
Endrin Aldehyde	5		ND	ND
Endrin Ketone	5		ND	ND
gamma-BHC (Lindane)	0.05		ND	ND
Heptachlor	0.04		ND	ND
Heptachlor Epoxide	0.03		ND	ND
Methoxychlor	35		ND	ND
Toxaphene	0.06		ND	ND

§ - standard is for sum of all PCB congeners

* TOGS values for metals are given in ug/L - they were divided by 1000 to get mg/L

ND - Not Detected

NS - Not Specified in SCO

values in **BOLD** type exceed the standard level

J-Estimated Value. Analyte detecated at levels less than the Practical Quantification Limit (PQL) and greater than or equal to MDL

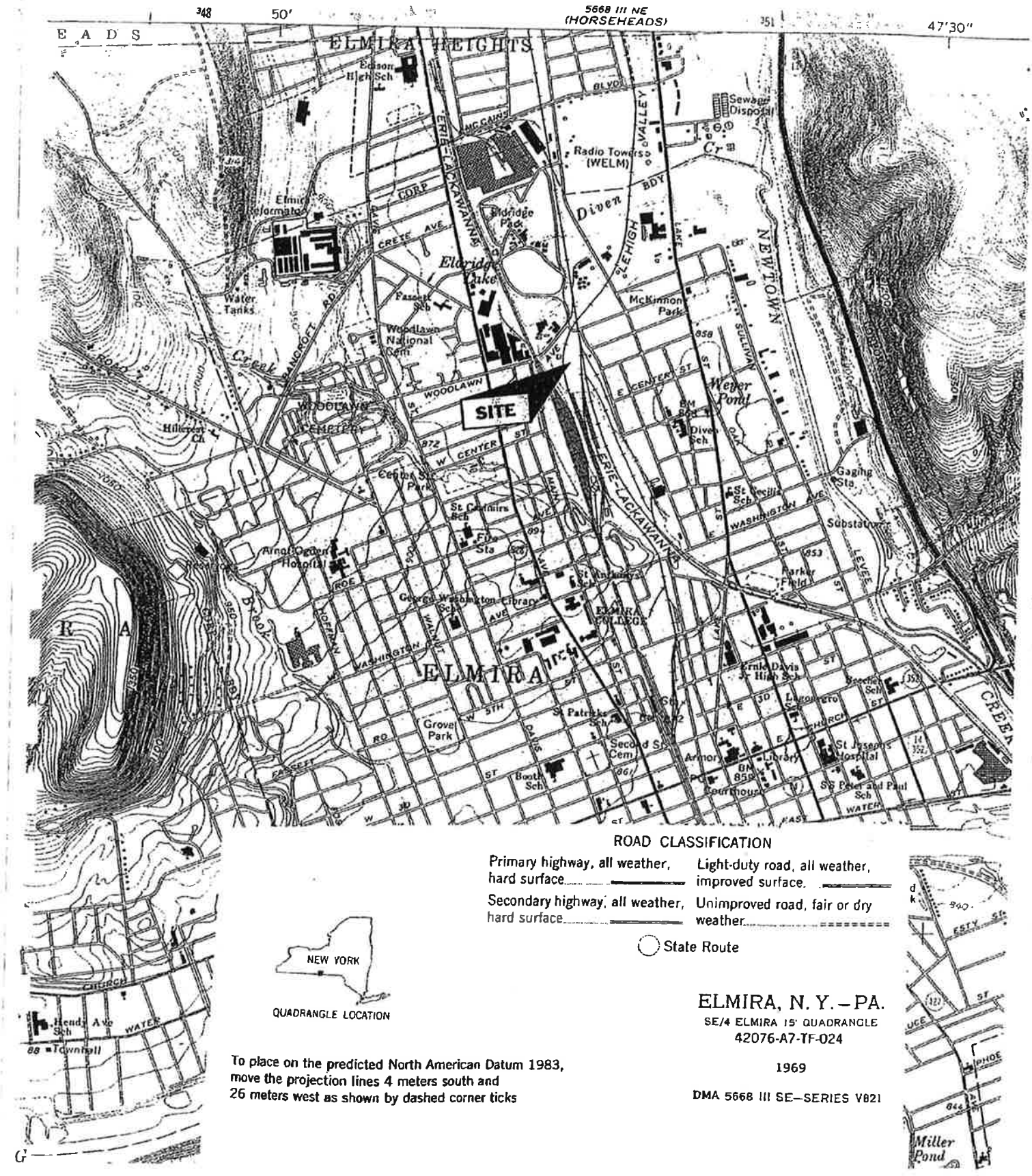
B- Analyte was detected in associated Method Blank

FIGURE 1

SITE LOCATION MAP

Eisenbach & Ruhnke
ENGINEERING P.C.
291 Genesee St., Utica, NY 13501

FIGURE - 1



ROAD CLASSIFICATION

Primary highway, all weather, hard surface

Secondary highway, all weather, hard surface

Light-duty road, all weather, improved surface.

Unimproved road, fair or dry weather

State Route

QUADRANGLE LOCATION

To place on the predicted North American Datum 1983, move the projection lines 4 meters south and 26 meters west as shown by dashed corner ticks

ELMIRA, N. Y.–PA.
SE/4 ELMIRA 15' QUADRANGLE
42076-A7-TF-024

1969

DMA 5668 III SE–SERIES V821

FIGURE 2

AERIAL PHOTO


E THURSTON
N
WOODLAWN
102
101
104
102
101
121
1210
Sanitary Sewer Lines
Manhole
Storm Sewer Lines
City of Elmira Tax Parcels
1 inch equals 84 feet

FIGURE 3

TAX MAP

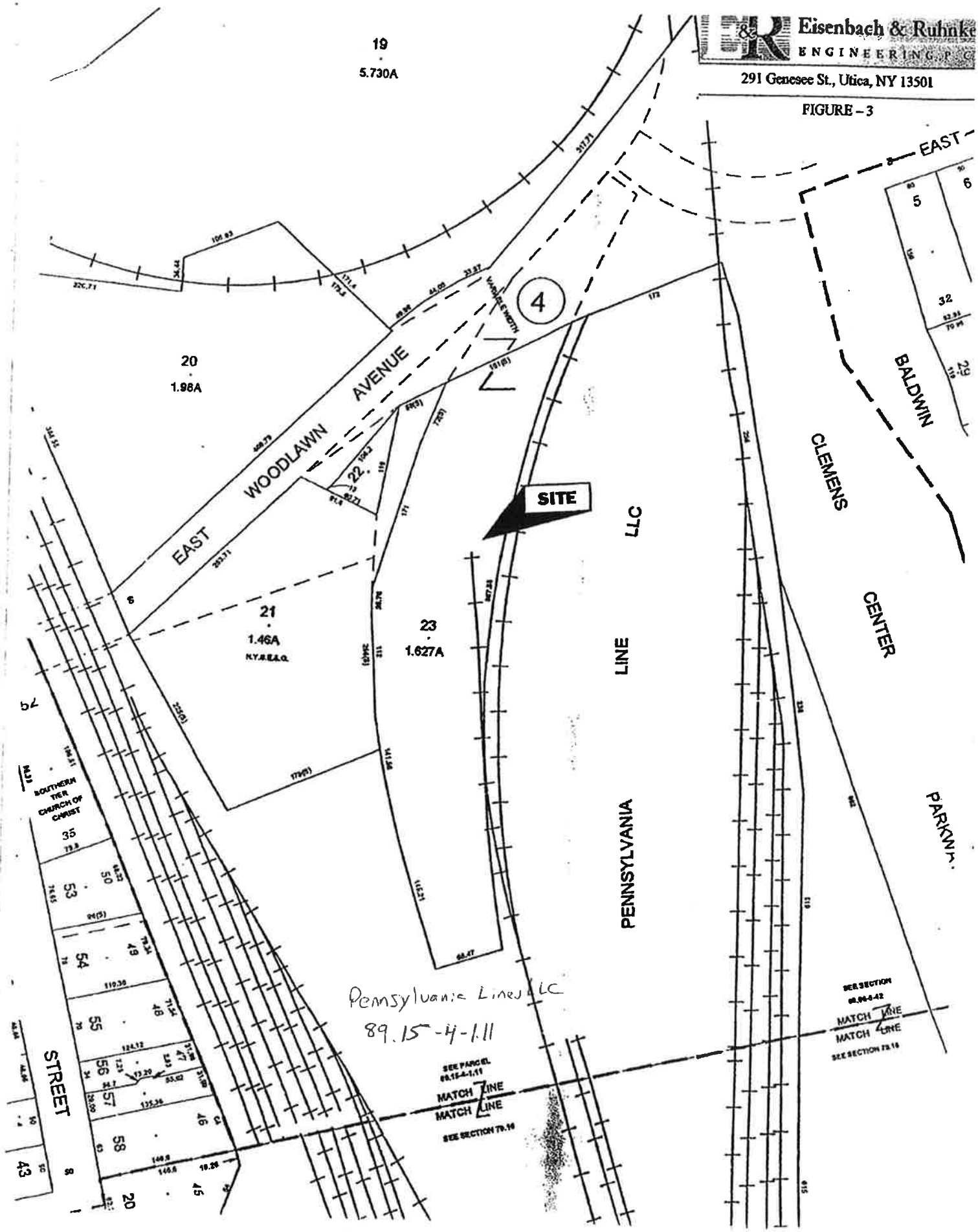
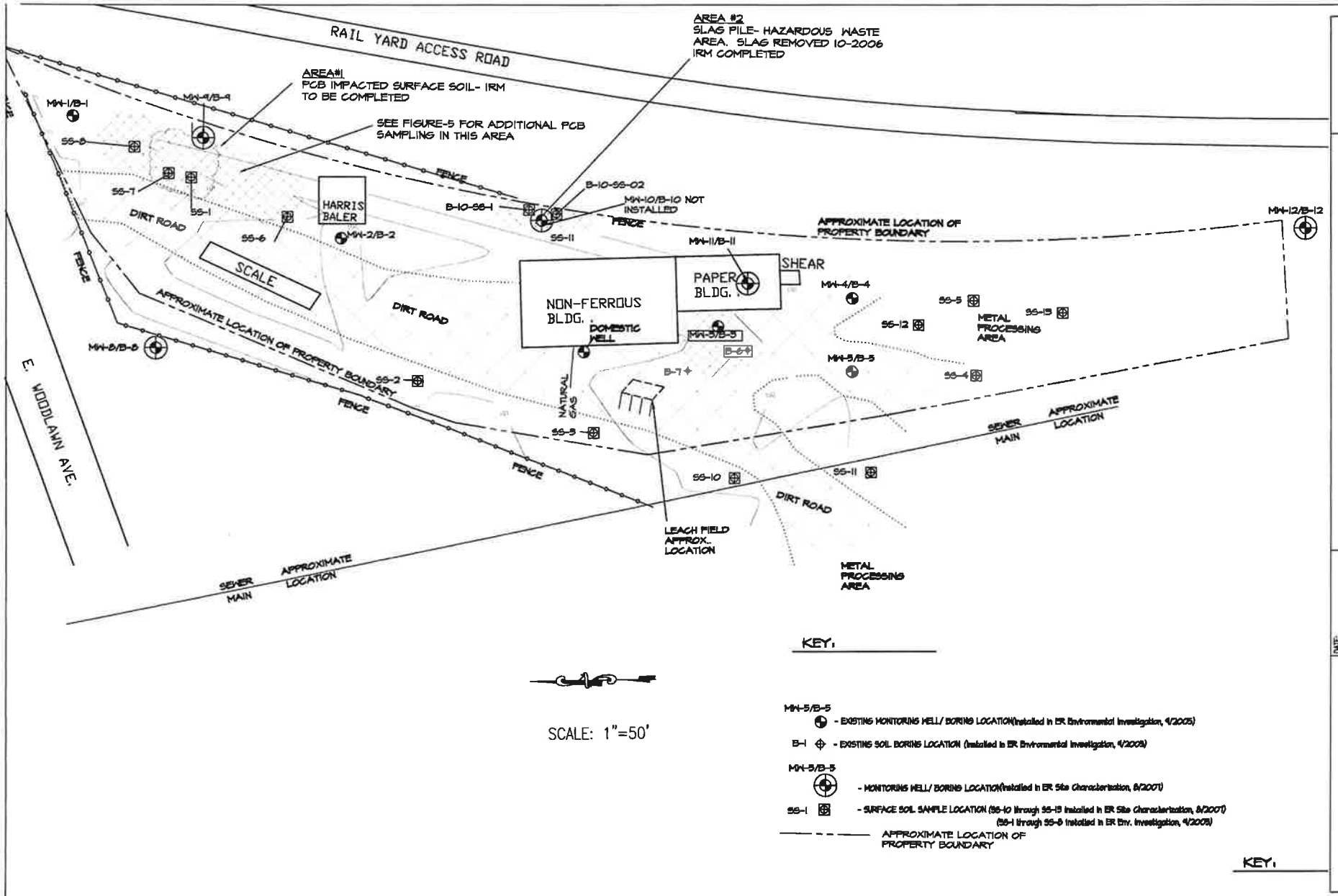

Eisenbach & Ruhnke
ENGINEERING P.C.
291 Genesee St., Utica, NY 13501
FIGURE – 3
19
5.730A
20
1.98A
21
1.46A
22
23
1.627A
SITE
EAST WOODLAWN AVENUE
EAST
BALDWIN
CLEMENS CENTER
PARKWA
PENNSYLVANIA LINE LLC
Pennsylvania Lines LLC
89.15-4-1.11
STREET
SOUTHERN TIER CHURCH OF CHRIST
MATCH LINE
MATCH LINE
SEE SECTION 79.16
SEE PARCEL 89.15-4-1.11
SEE SECTION 89.06-5-42

FIGURE 4

SITE PLAN
SITE CHARACTERIZATION SAMPLING PLAN



KAPLAN'S SCRAP YARD INC.

104 E. WOODLAWN AVE. ELMIRA, NY

SITE PLAN / SITE CHARACTERIZATION SAMPLING PLAN

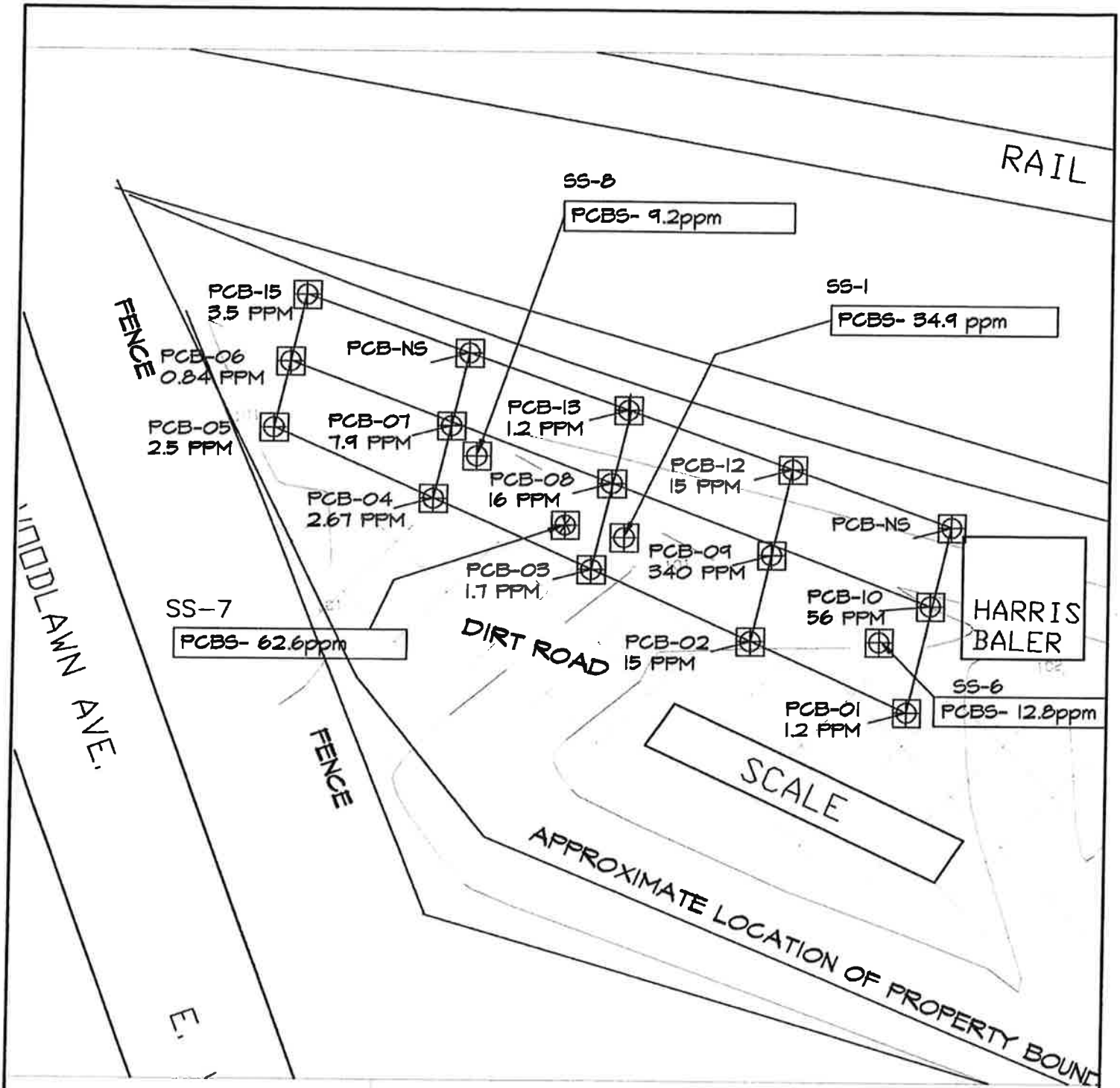
Fig.-4

DATE: 12/14/08
DRAWN: mpr
NO.:
SCALE: 1"=50'

Eisenbach & Ruhnke Engineering, P.C.
291 Genesee Street, Utica, NY 13501 315-735-1918
Fax 315-735-8363 E-mail Info@eisenbachandruhnke.com

FIGURE 5

PCB IMPACTED AREA
SOIL SAMPLE LOCATION PLAN



KEY:

PCB-XX
XX.X PPM
- PCB SURFACE SOIL SAMPLE LOCATION WITH RESULTS

SS-7
PCBS- 62.6ppm
- PCB SURFACE SOIL SAMPLE LOCATION WITH RESULTS (FROM PREVIOUS ENVIRONMENTAL INVESTIGATION E&R 200

Eisenbach & Ruhnke Engineering, P.C.
291 Genesee Street, Utica, NY 13501 315-735-1916
Fax 315-735-6365 www.jackeisenbachengineering.com

DATE: 10-21-07
DRAWN BY: mpr
SCALE: 1"=30'

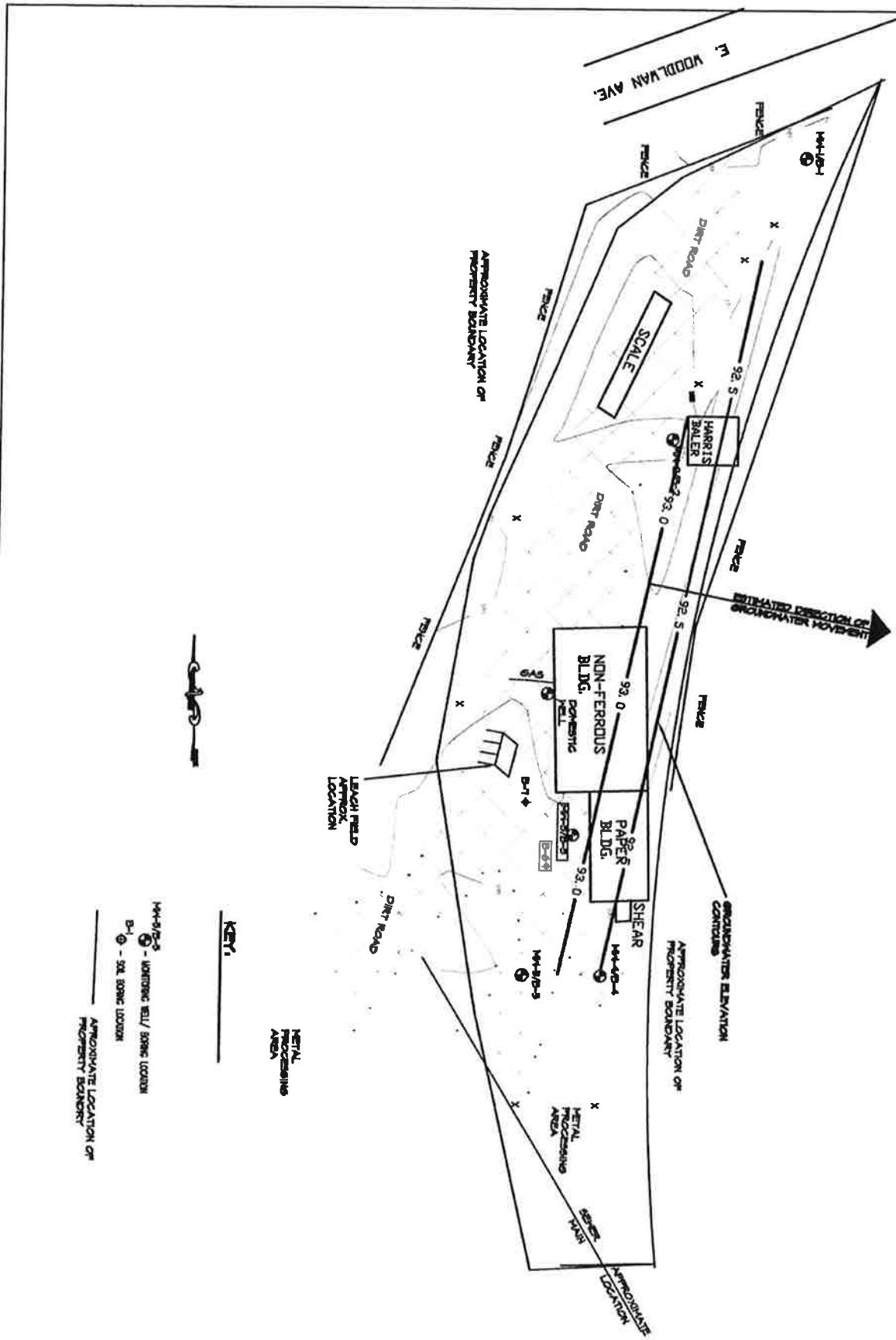
KAPLAN'S SCRAP YARD INC.

104 E. WOODLAWN AVE. ELMIRA, NY
PCB SURFACE SOIL SAMPLING PLAN

Fig.-5

FIGURE 6

GROUNDWATER CONTOUR PLAN



Eisenbach & Ruhnke Engineering, P.C. 291 Genesee Street, Utica, NY 13501 315-735-1918 Fax 315-735-6365 E-mail info@eisenbachandruhnke.com	DATE: 9/11/15 DRAWN: mpr NO.: SCALE: 1"=60'	KAPLAN'S SCRAP YARD INC. 104 E. WOODLAWN AVE. ELMIRA, NY GROUNDWATER ELEVATION CONTOURS	Fig.-6

APPENDIX A

ENGINEER'S QUALIFICATIONS
&
LIMITATIONS AND SERVICE CONSTRAINTS

MARK P. RUHNKE, P.E.
VICE PRESIDENT

AREAS OF SPECIALIZATION

Environmental Site Assessments, Environmental Remediation and Remediation Systems Design, Brownfields Redevelopment, Civil Engineering, Hazardous Waste Management, Occupational Safety, Demolition, Indoor Air Quality, Asbestos Abatement Design and Environmental Training

EXPERIENCE

Mr. Ruhnke is a Professional Engineer in New York with more than 14-years of professional experience. Mr. Ruhnke is responsible for project design, management and direction of business operations. Projects include construction management for new building construction, environmental brownfields investigations and remediation programs, environmental site assessments, subsurface investigations, environmental permitting, civil site design, building demolition including contract preparation and waste stream management, petroleum bulk storage designs, industrial health and safety programs, indoor air quality studies and lead paint abatement. Responsibilities also include the direction and coordination of marketing and sales functions, client contacts, administrative duties and environmental training.

EDUCATION

B.S. Environmental and Resource Engineering - 1993
State University of New York College of Environmental Science and Forestry at Syracuse University

Mohawk Valley Community College- Engineering Science

REGISTRATIONS AND AFFILIATIONS

Professorial Engineer (P.E.), New York State-License #077508
OSHA 40-Hour Hazardous Waste Operations Training (HAZWOPER)
Order of the Engineer, Syracuse, New York Chapter
Certified AHERA Supervisor
Certified EPA Lead Inspector
Certified New York State Asbestos Project Monitor
Certified New York State Asbestos Air Sampling Technician

Limitations

The findings set forth in the attached Site Assessment Report are strictly limited in the time and scope to the date of the evaluation(s). The conclusions presented in the Report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed upon services or the time and budgeting restraints imposed by the client.

This report may contain recommendations, which are based on the analysis of data accumulated at the time and place set forth in the report through surface exploration. However, further investigation may reveal additional data or variations of the current data, which may require the enclosed recommendations to be reevaluated.

Chemical analysis may have been performed for specific parameters during the course of this site assessment, as described in the text. However, it should be noted that additional constituents not searched for during the current study might be present in oil and/ or ground water at the Site.

Partial finding of this investigation are based upon data provided by others. No warranty is expressed or implied with the usage of such data.

Service Constraints

Much of the information provided in the report is based upon personal interviews and research of all available documents, records and maps held by the appropriate government and private agencies. This subject to the limitations of historical documentation, availability and accuracy of pertinent records, and the personal recollection of those persons contacted.

The initial Site investigation took into account the natural and man-made features of the Site, including any unusual or suspect phenomenon. These factors, combined with the Site's geology, hydrology, topography and past and present land uses, served as a basis for choosing a methodology and location for subsurface exploration, as well as ground water and subsurface sampling, if done. The subsurface data, if provided, is meant as a representative overview of the Site.

The location and analysis of soil, ground water and surface water samples, if provided, were based on the same considerations listed in the paragraphs above. If samples were analyzed, they were analyzed for those parameters unique to the Site as determined from the preceding site evaluation.

The presence of radioactive materials, biological hazards and asbestos was not investigated unless specifically noted otherwise.

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APPENDIX B

BORING LOGS

GROUNDWATER SAMPLING LOG

KAPLANS SCRAP YARD

FIELD OBSERVATION LOG
GROUNDWATWER SAMPLING RECORD

Phase II Investigation

DATE: 6/25/10

NAME OF SITE: Kaplans Scrap Yard

Weather/Temperature: 81 partly sunny & cloudy

SAMPLERS:		Time of Arrival:	Time of Departure:
	M. Ruhnke	10:00 AM	6:00 pm
	F. Barres	10:00 AM	6:00 pm

	MW-12	MW-2	MW-8	MW-9	MW-11
Depth of Well	14.74	11.08	20.18	19.08	22.48
Depth to Product	/	/	/	/	/
Product Thickness	/	/	/	/	/
Depth to Groundwater	8.57	6.85	9.5	11.03	9.57
Sampling Depth *	8.59	6.88	9.51	11.09	9.58

* Groundwater should be allowed to recover to original elevation prior to sampling

Purging Method: Peristaltic Pump/designated tubing for each well.

		~10 min pumped			
Volume Pumped	3+volumes	dry	3+volumes	3+volumes	3+volumes
Rate (LPM)	1 LPM	1 LPM	1 LPM 15min	1 LPM 15min	1 LPM 15min
OBSERVATIONS:					
color	clear /	grey /	clear /	clear /	clear /
sheen	no /	no /	no /	no /	no /
odor	none /	none /	none /	none /	none /
pH	17	6.8	7.04	6.86	7.06
temp C	7.08	19.2	17.6	20.8	14.2
turbidity NTU	44.74	614	38.57	32.5	32.82

Comments:
MW-2-NTU reading high; unable to get grey silt out of sample

KAPLANS SCRAP YARD

FIELD OBSERVATION LOG
GROUNDWATWER SAMPLING RECORD

Phase II Investigation

DATE: 8/8/07

NAME OF SITE: Kaplans Scrap Yard

Weather/Temperature: 85 humid, clouds & sun

SAMPLERS:		Time of Arrival:	Time of Departure:
	M. Ruhnke	9:30 am	6:00 pm
	J. Frisbee	9:30 am	6:00 pm

	MW-8	MW-9	MW-10 NO WELL	MW-11	MW-12
Depth of Well	19.75	18.70		21.60	14.45
Depth to Product					
Product Thickness					
Depth to Groundwater	10.14	11.76		10.39	8.90
Sampling Depth *					

* Groundwater should be allowed to recover to original elevation prior to sampling

Purging Method: peristaltic pump

Volume Pumped	to clear	to 32.20 NTU ≈ 32 min		to 55.59 NTU ≈ 33 min	to 100 NTU ≈ 35 min
OBSERVATIONS:					
color	clear	clear		clear	clear
sheen	no	no		no	no
odor	none	none		none	none
pH	6.73	6.80		6.89	6.96
temp C	25.2	22.3		21.7	22.9
turbidity NTU	12.25	35.56		31.16	43.52

Comments:
MW-12 was pumped to clear (43.52 NTU) and sampled for metals immediately, but turbidity increased to over 350 NTU as subsequent bottles were filled

KAPLANS SCRAP YARD

FIELD OBSERVATION LOG
GROUNDWATWER SAMPLING RECORD

SPILL #:_____ DATE:_____08/12/05_____

NAME OF SITE:___Kaplans scrap yard_____ Weather/Temperature:_____

SAMPLERS:_____Ruhnke_____ Time of Arrival: Time of Departure:

	MW-1	MW-2	MW-3	MW-4	MW-5
Depth of Well	19.6	14.5'	13.9'	19.1'	17.9'
Depth to Product					
Product Thickness					
Depth to Groundwater	8.15	8.08'	6.84'	7.24'	6.15'
Sampling Depth *	"	"	"	"	"

* Groundwater should be allowed to recover to original elevation prior to sampling

Purging Method: PERISTALTIC PUMP

Volume Bailed: 3+ Volumes

OBSERVATIONS:

	MW-1	MW-2	MW-3	MW-4	MW-5
color	Clear	Clear	Clear	Clear	YELLOW
sheen	No	NO	No	No	NO
odor	No	NO	No	NO	NO

Comments:

Eisenbach & Ruhnke Engineering P.C.

BORING LOG

291 Genesee Street Uitca, NY 13501 ph.315-735-1916 fax 735-6365

BORING ID. __B-1 (MW-1)_____

PROJECT #_05523_____

DATE:___7/20/05_____

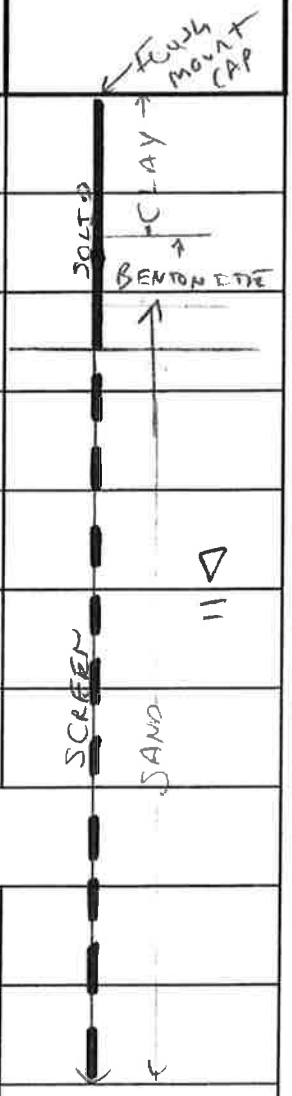
PROJECT: KAPLAN's Scrap Yard

Engineer:_RUHNKE_____

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Sampling Interval Recovery	Environmental Observations	Classification of Materials f-fine and-35-50% m-medium some-20-35% c-course little-10-20% trace-0-10%
0-2		NO	SAMPLE	
2-4	0	1"		MEDIUM GRAVEL
4-6	0	1.1'	NO STAIN, NO ODOR	LIGHT BROWN CLAY W/ LITTLE, FINE GRAVEL
6-8	0	2"	NO STAIN, NO ODOR	COARSE GRAVEL
8-10	0	.9'	NO STAIN, NO ODOR	MOIST GRAY AND BROWN CLAY, SOME M,F GRAVEL
10-12	0	.4'	NO STAIN, NO ODOR	WET, STONE IN TIP, SAND, CLAY AND C, M, F, GRAVEL LOOSE
12-14	0	.4'	NO STAIN, NO ODOR	WET SAND AND FINE GRAVEL
14-16	0	1.1'	NO STAIN, NO ODOR	WET, MED. SAND INTO GRAY CLAY @ 14.7'
16-18	0	1.8'	NO STAIN, NO ODOR	WET GRAY CLAY & UNIFORM FINE SAND (MORE CLAY PRESENT AT 18')
18-20	0	1.6'	NO STAIN, NO ODOR	WET UNIFORM GRAY CLAY

Well Construction



Eisenbach & Ruhnke Engineering P.C. BORING LOG

291 Genesee Street Uitca, NY 13501 ph.315-735-1916 fax 735-6365

BORING ID. __B-2 (MW-2)_____ **PROJECT #_05523_____**

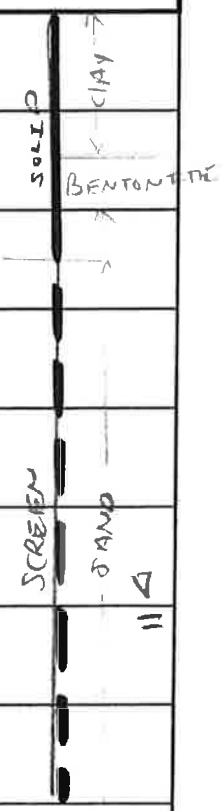
DATE:___7/20/05_____

PROJECT: KAPLAN's Scrap Yard

Engineer:_RUHNKE_____

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Sampling Interval Recovery	Environmental Observations	Classification of Materials f-fine and-35-50% m-medium some-20-35% c-course little-10-20% trace-0-10%	Well Construction
0-2		NO	SAMPLE		
2-4	0	1.4'	BROWN &CHARCOAL COLORED, POSSIBLY SLAG. NO ODORS	BROWN SAND AND GRAVEL	
4-6	5	0.9'	NO STAIN, NO ODOR	DARK SILT SAND AND GRAVEL-BRICK FILL NOTED	
6-8	0	0.5'	NO STAIN, NO ODOR	C, M, F, SAND AND GRAVEL INTO LIGHT BROWN CLAY WITH FINE GRAVEL@ 7.2'	
8-10	0	0.5'	NO STAIN, NO ODOR	LIGHT BROWN CLAY WITH C, M, F GRAVEL	
10-12	0	0.4'	NO STAIN, NO ODOR	LIGHT BROWN CLAY WITH C, M, F GRAVEL	
12-14	0	1'	NO STAIN, NO ODOR	WET C, M, F, SAND AND GRAVEL WITH TRACE CLAY MORE CLAY 'CONTENT @ 12'	
14-16	0	1.1'	NO STAIN, NO ODOR	WET UNIFORM SAND DOWN TO 14.7', GRAY CLAY FROM 14.7' TO 16'. SHALE IN TIP	
			REFUSAL AT 16'-DRILL CANNOT GO FURTHER		



Eisenbach & Ruhnke Engineering P.C. BORING LOG

291 Genesee Street Uitca, NY 13501 ph.315-735-1916 fax 735-6365

BORING ID. __B-3 (MW-3)_____ **PROJECT #_05523_____**

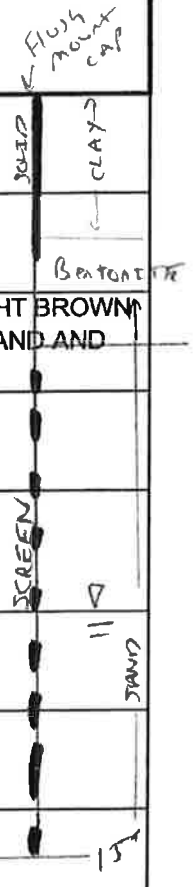
DATE:___7/20/05_____

PROJECT: KAPLAN's Scrap Yard

Engineer:_RUHNKE_____

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Sampling Interval Recovery	Environmental Observations	Classification of Materials f-fine and-35-50% m-medium some-20-35% c-course little-10-20% trace-0-10%	Well Construction
0-2		NO	SAMPLE		
2-4	0	0.3'	NO STAIN, NO ODOR	C, M, F SAND AND GRAVEL	
4-6	0	1'	NO STAIN, NO ODOR	C, M, F SAND AND GRAVEL INTO LIGHT BROWN CLAY AND GRAVEL@ 4.8', DARK SAND AND GRAVEL TO 6'	
6-8	0	0.6'	NO STAIN, NO ODOR	DARK C, M, F SAND, BRICK AND GRAVEL WITH WOOD DEBRIS	
8-10	250	1'	ODOR OF OIL PRESENT AND DARK STAINING-PRODUCT DISCOLORATION OBSERVED AT 8.8'	DARK ORGANIC SOIL ON TOP OF GRAY CLAY STARTING @ 8.6' TO 10' MOIST	
10-12	0	0.2'	NO STAIN, NO ODOR	C, M, F SAND AND GRAVEL WITH GRAY CLAY	
12-14	0	1.1'	NO STAIN, NO ODOR	GRAY CLAY MIXED WITH SOME GRAVEL AND SHALE	
14-16			REFUSAL AT 14.7' SHALE BEDROCK		



Eisenbach & Ruhnke Engineering P.C. BORING LOG

291 Genesee Street Uitca, NY 13501 ph.315-735-1916 fax 735-6365

BORING ID. __B-4 (MW-4)_____ **PROJECT #_05523_____**

DATE:___7/21/05_____

PROJECT: KAPLAN's Scrap Yard

Engineer:_RUHNKE_____

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Sampling Interval Recovery	Environmental Observations	Classification of Materials f-fine and-35-50% m-medium some-20-35% c-course little-10-20% trace-0-10%	Well Construction -FLUSH MOUNT CAP
0-2		NO	SAMPLE		CLAY -
2-4			NO RECOVERY		SOLID Bentonite
4-6	0	0.8'	NO STAIN, NO ODOR	BROWN C, M, F SAND AND GRAVEL MOIST POSSIBLY SOME SLAG	
6-8		0	NO RECOVERY		
8-10	0	0.6'	NO STAIN, NO ODOR	MOIST C, M, F SAND AND GRAVEL WITH TRACE CLAY	SCREEN
10-12	0	0.9'	NO STAIN, NO ODOR	WET C, M, F SAND AND GRAVEL WITH TRACE GRAY CLAY MORE CLAY AT END OF SPOON	SAND 11
12-14	0	0.9'	NO STAIN, NO ODOR	WET C, M, F SAND AND GRAVEL (SHALE) WITH SOME GRAY CLAY	
14-16			NO SAMPLE		
16-18	0	1.3'	NO STAIN, NO ODOR	WET GRAY C, M, F, SAND AND GRAVEL AND GRAY CLAY	
18-19	0	1.1	NO STAIN, NO ODOR	GRAY CLAY AND C, M, F, SAND AND GRAVEL (SHALE)	19'

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BORING ID. __B-5 (MW_5)_____ **PROJECT #_05523_____**

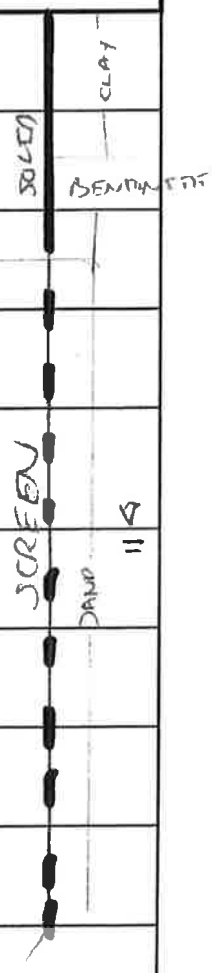
DATE:___7/21/05_____

PROJECT: KAPLAN's Scrap Yard

Engineer:_RUHNKE_____

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Sampling Interval Recovery	Environmental Observations	Classification of Materials f-fine and-35-50% m-medium some-20-35% c-course little-10-20% trace-0-10%	Well Construction
0-2		NO	SAMPLE		
2-4	0	0.1'	NO STAIN, NO ODOR	BROWN C, M, F SAND AND GRAVEL	
4-6	0	1.1'	NO STAIN, NO ODOR	C, M, F SAND AND GRAVEL, WOOD DEBRIS GRAY CLAY 5-6'	
6-8	0	0.8'	NO STAIN, NO ODOR	GRAY CLAY AND C, M, F SAND AND GRAVEL IMBEDDED	
8-10	0	1.8'	NO STAIN, NO ODOR	MOIST GRAY CLAY AND C, M, F SAND AND GRAVEL IMBEDDED	
10-12	0	0.4'	NO STAIN, NO ODOR	WET C, M, F SAND AND GRAVEL (BELIEVED TO HAVE FALLEN BACK IN HOLE)	
12-14	0	1.3'	NO STAIN, NO ODOR	GRAY C, M, F SAND AND GRAVEL AND GRAY CLAY	
14-16	0	1.3'	NO STAIN, NO ODOR	GRAY CLAY WITH C, M, F SAND AND GRAVEL IMDEDDED	
16-18	0	1.3'	NO STAIN, NO ODOR	WET GRAY C, M, F, SAND AND GRAVEL AND GRAY CLAY	



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BORING ID. __B-6_____ **PROJECT #_05523_____**

DATE:___7/21/05_____

PROJECT: KAPLAN's Scrap Yard

Engineer:_RUHNKE_____

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Sampling Interval Recovery	Environmental Observations	Classification of Materials f-fine and-35-50% m-medium some-20-35% c-course little-10-20% trace-0-10%	Well Construction
0-2		NO	SAMPLE		
2-4	0	1.6'	NO STAIN, NO ODOR	UNIFORM BROWN SAND INTO DARKER SAND	
4-6	0	0.9'	NO STAIN, NO ODOR	C, M, F SAND AND GRAVEL, SLAG POSSIBLY	NO well
6-8	0	0.4'	SLIGHT PETRO ODOR, SHEEN DEVELOPS ON WATER	WET C, M, F SAND AND GRAVEL - BRICK NOTED	
8-10	<1	0.1'	SLIGHT PETRO ODOR, SHEEN DEVELOPS ON WATER	WET C, M, F SAND AND GRAVEL	
10-12	20@ 8'	1.0'	PETROLEUM ODOR DARK SECTION ON TOP OF CLAY	WET GRAY CLAY WITH SHALE AND C, M, F GRAVEL	

Eisenbach & Ruhnke Engineering P.C. BORING LOG

291 Genesee Street Uitca, NY 13501 ph.315-735-1916 fax 735-6365

BORING ID. __B-7_____ **PROJECT #_05523_____**

DATE:___7/21/05_____

PROJECT: KAPLAN's Scrap Yard

Engineer:_RUHNKE_____

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Sampling Interval Recovery	Environmental Observations	Classification of Materials f-fine and-35-50% m-medium some-20-35% c-course little-10-20% trace-0-10%	Well Construction
0-2		NO	SAMPLE		
2-4	50 @2'	1.3'	DARK STAINING, SLIGHT ODOR @ 2'	C, M, F SAND AND GRAVEL, COAL PIECE	
4-6	20	0.7'	SLIGHT ODOR	C, M, F SAND AND GRAVEL, SLAG POSSIBLY	No Well
6-8	20	0.5	SLIGHT ODOR	GRAY CLAY AND C, M, F SAND AND GRAVEL	
8-10	15	1.0'	SLIGHT ODOR	GRAY CLAY LITTLE C, M, F SAND AND GRAVEL	▽ =
10-12	0	0.8'	SLIGHT ODOR	WET GRAY CLAY AND C, M, F GRAVEL	
			NOTE: RAIN AND MOISTURE INTERFERENCE WITH PID		

Eisenbach & Ruhnke Engineering, P.C.

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BORING LOG

BORING # B-8

PROJECT # 5523

DATE: 8/2/2007

PROJECT #: Kaplan's Scrap Yard

Engineer: Ruhnke

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Rec. (in.)	Graph. Symbol	Depth	Description of Soil	Environmental Observations	Well Construction
0-2		36"			top soil-brick dust, fine sand, coal, angular gravel	no odor, no staining, dark soil @ 2' coal	
2-4	ND				top soil-brick dust, fine sand, coal, angular gravel	no odor, no staining	
4-6		24"			m, f sand & gravel mixed with clear glass pieces	no odor, no staining	
6-8	0.7				moist gray clay into dry off gray clay@ 7' into brown peat with roots @ 7'-8'	no odor, no staining	
8-10	ND	36"			moist brown clay with roots, gray moist clay with trace sand wet @ 10'-11'	no odor, no staining	
10-12	ND				gray clay wet with sand and fine gravel to 12'	no odor, no staining	
12-14	ND	12"			wet gray clay, loose mixed with med sand and med, fine gravel	no odor, no staining	
14-16	ND				wet gray clay, loose mixed with med sand and med, fine gravel	no odor, no staining	
16-20	ND				wet gray clay mixed with fine sand/gravel into uniform gray clay	no odor, no staining	
20-22					20' gray clay mixed with trace sand	no odor, no staining	
22-24							

Fill	
Gravel	
Sand	
Sand & Gravel	
Clay	
Silt	
Bedrock	

f-fine	and-35-50%
m-medium	some-20-35%
c-course	little-10-20%
	trace-0-10%

Eisenbach & Ruhnke Engineering, P.C.

291 Genesee Street Uitca, NY 13501 ph.315-735-1916 fax 735-6365

BORING LOG

BORING # B-9

PROJECT # 5523

DATE: 8/2/2007

PROJECT #: Kaplan's Scrap Yard

Engineer: Ruhnke

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Rec. (in.)	Graph. Symbol	Depth	Description of Soil	Environmental Observations	Well Construction
0-2		24"			dry brown sand, m, f gravel	no odor, no staining	
2-4	ND				dry brown sand, m, f gravel	no odor, no staining	
4-6	ND	36"			dry brown sand, m, f gravel	no odor, no staining	
6-8	ND				6' brown clay with interbedded m, f, rounded gravel into gray sandy clay with m, f, gravel @ 7.5'	no odor, no staining	
8-10	ND	36"			6' brown clay with interbedded m, f, rounded gravel into gray sandy clay with m, f, gravel	no odor, no staining	
10-12	ND				11' water	no odor, no staining	
12-14		48"			wet m, f, gravel & sand	no odor, no staining	
14-16					14' sand and m,f, gravel	no odor, no staining	
16-20							
20-22							
22-24							

Fill
Gravel
Sand
Sand & Gravel
Clay
Silt
Bedrock

f-fine	and-35-50%
m-medium	some-20-35%
c-course	little-10-20%
	trace-0-10%

Eisenbach & Ruhnke Engineering, P.C.

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BORING LOG

BORING # B-10

PROJECT # 5523

DATE: 8/2/2007

PROJECT #: Kaplan's Scrap Yard

Engineer: Ruhnke

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Rec. (in.)	Graph. Symbo	Depth	Description of Soil	Environmental Observations	Well Construction
0-2	0.5	24"			mixed gravel, roots, gravel fill 0-6", 2' dark sand "coal pieces"	no odor, no staining	
2-4	ND				brown clay and medium f, sand and gravel	no odor, no staining	
4-6	ND	36"			mixed m, f, sand and gravel	no odor, no staining	
6-8	0.3				brown clay with some fine sand and interbedded m, f, gravel	no odor, no staining	
8-10	ND				moist brown fine sand and clay into gray clay with some sand and medium gravel into wet uniform gray clay with sand and gravel @ 10'	no odor, no staining	
10-12	ND				refusal @ 10.8 '		
12-14					second boring advancement-no sample collected-refusal @! 11' 6"		
14-16					third boring advancement-no sample collected-refusal @ 11'		
16-20							
20-22							
22-24							

Fill
Gravel
Sand
Sand & Gravel
Clay
Silt
Bedrock

f-fine	and-35-50%
m-medium	some-20-35%
c-course	little-10-20%
	trace-0-10%

Eisenbach & Ruhnke Engineering, P.C.

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BORING LOG

BORING # B-11

PROJECT # 5523

DATE: 8/2/2007

PROJECT #: Kaplan's Scrap Yard

Engineer: Ruhnke

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Rec. (in.)	Graph. Symbo	Depth	Description of Soil	Environmental Observations	Well Construction
0-2		24"			concrete 6", m, f, sand and gravel	no odor, no staining	
2-4	ND				3' dark sand-coal pieces, roots	no odor, no staining	
4-6	0.5	36"			dark sand into uniform brown sandinto brown sand @ 6', brick pieces	no odor, no staining	
6-8	ND				7' gray clay, moist with interbedded m, f gravel	no odor, no staining	
8-10	ND	6"			tube blocked with stone & sand	no odor, no staining	
10-12	ND				tube blocked with stone & sand	no odor, no staining	
12-14	0.2	48"			gray moist clay with interbedded c, m, f, gravel	no odor, no staining	
14-16	0.2				15' dark gray clay and sand with c, m, f gravel	no odor, no staining	
16-20	0.3				gray clay and sand with c, m, f gravel	no odor, no staining	
20-22	ND				19' wet gray clay and sand with c, m, f gravel	no odor, no staining	
22-24					no sample		

Fill
Gravel
Sand
Sand & Gravel
Clay
Silt
Bedrock

f-fine	and-35-50%
m-medium	some-20-35%
c-course	little-10-20%
	trace-0-10%

Eisenbach & Ruhnke Engineering, P.C.

291 Genesee Street Uitca, NY 13501 ph.315-735-1916 fax 735-6365

BORING LOG

BORING # B-12'

PROJECT # 5523

DATE: 8/2/2007

PROJECT #: Kaplan's Scrap Yard

Engineer: Ruhnke

Soil Fraction	Size Range
Boulders	Above 75 mm
Gravel	75 mm to 2.0 mm
Coarse Sand	2.0 mm to 0.425 mm
Fine Sand	0.425 to 0.075
Silt-Clay	Material passing the 0.075 sieve

Depth (ft)	PID (ppm)	Rec. (in.)	Graph. Symbol	Depth	Description of Soil	Environmental Observations	Well Construction
0-2					sand, gravel, brick, coal	no odor, no staining	
2-4					sand, gravel, brick, coal	no odor, no staining	
4-6		24"			sand, gravel, brick, coal	no odor, no staining	
6-8	5				wet gray clay	slight odor on top layer of clay at 7'	
8-10	2	36"			wet moist gray clay and interbedded m, f, large gravel	no odor, no staining	
10-12	1.7				clay and sand with interbedded m, f gravel	no odor, no staining	
12-14					refusal @ 11' 8"		
14-16							
16-20							
20-22							
22-24							

Fill	
Gravel	
Sand	
Sand & Gravel	
Clay	
Silt	
Bedrock	

f-fine	and-35-50%
m-medium	some-20-35%
c-course	little-10-20%
	trace-0-10%

APPENDIX C

SAMPLING RESULTS, LABORATORY REPORT OF ANALYSIS, GROUNDWATER

Sampling Event 6-25-10

Groundwater – VOC, SVOC, Metals

SAMPLING RESULTS, LABORATORY REPORT OF ANALYSIS, SOIL AND GROUNDWATER

Sampling Event 8-08-07

Subsurface Soil -VOC, SVOC, Metals, PCBs and Herbicides/Pesticides
Surface Soil - VOC, SVOC, Metals, PCBs and Herbicides/Pesticides
Groundwater – VOC, SVOC, Metals, PCBs and Herbicides/Pesticides
Subsurface Soils -VOC, SVOC and Metals Analysis

SAMPLING RESULTS, LABORATORY REPORT OF ANALYSIS, GROUNDWATER

Sampling Event 6-25-10

Groundwater – VOC, SVOC, Metals

Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

To: Mr. Mark Ruhnke
Eisenbach & Ruhnke Engineering

Fax # mruhnke@erengpc.com

Email: _____

AmeriSci Job# 1006-00332
Subject: KAPLAN'S SCRAP YARD

Date: Tuesday, July 27, 2010

Time: 4:21:54PM

Comments: This report contains a total of 33 pages, including the cover sheet, laboratory report, chain of custody, airbill, sample receiving form, and any other correspondence related to this work order.

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 07/27/2010
Workorder No. 1006-00332

Customer: Eisenbach & Ruhnke Engineering
291 Genesee Street
Utica, NY 13501

Attention: Mr. Mark Ruhnke
Subject: KAPLAN'S SCRAP YARD

Sample: 001 MW-2
Collection Date: 06/25/2010 Time: 4:30:00PM **Received Date: 06/29/2010 Time: 6:15:00PM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Acetone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 13:26	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 13:26	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 13:26	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:LAO00201 NJ: MA744 NH: 2011

ND = Not Detected **PQL= Practical Quantitation Limit**

Sample: 001 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
2-Hexanone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 13:26	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
M&P-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:26	
DIBROMOFLUOROMETHANE (SURR)		98.7	%		NAC	07/08/2010 / 13:26	
TOLUENE-D8 (SURROGATE)		101	%		NAC	07/08/2010 / 13:26	
4-BROMOFLUOROBENZENE (SURR)		106	%		NAC	07/08/2010 / 13:26	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 10:59	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Isophorone	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	

Sample: 001 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 10:59	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Fluorene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 10:59	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Pentachlorophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 10:59	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 1006-00332

Sample: 001 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Chrysene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 10:59	
2-FLUOROPHENOL (SURR)		20.3	%		TLL	07/12/2010 / 10:59	
PHENOL-D5 (SURR)		16.9	%		TLL	07/12/2010 / 10:59	
NITROBENZENE-D5 (SURR)		80.5	%		TLL	07/12/2010 / 10:59	
2-FLUOROBIPHENYL (SURR)		77.1	%		TLL	07/12/2010 / 10:59	
2,4,6-TRIBROMOPHENOL (SURR)		49.2	%		TLL	07/12/2010 / 10:59	
TERPHENYL-D14 (SURR)		85.3	%		TLL	07/12/2010 / 10:59	
TAL Metals-Water							
Aluminum	6010B, SW-846	14.4	mg/L	0.200	PJS	07/09/2010 / 12:17	
Antimony	6010B, SW-846	ND	mg/L	0.0404	PJS	07/09/2010 / 12:17	
Barium	6010B, SW-846	1.28	mg/L	0.0100	PJS	07/09/2010 / 12:17	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0500	PJS	07/09/2010 / 12:17	
Beryllium	6010B, SW-846	ND	mg/L	0.003	PJS	07/09/2010 / 12:17	
Cadmium	6010B, SW-846	ND	mg/L	0.00300	PJS	07/09/2010 / 12:17	
Chromium	6010B, SW-846	0.0221	mg/L	0.0100	PJS	07/09/2010 / 12:17	
Calcium	6010B, SW-846	150	mg/L	1.50	PJS	07/09/2010 / 12:17	
Copper	6010B, SW-846	0.0752	mg/L	0.0250	PJS	07/09/2010 / 12:17	
Cobalt	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:17	
Iron	6010B, SW-846	43.2	mg/L	0.100	PJS	07/09/2010 / 12:17	
Magnesium	6010B, SW-846	24.2	mg/L	1.50	PJS	07/09/2010 / 12:17	
Lead	6010B, SW-846	0.0105	mg/L	0.0100	PJS	07/09/2010 / 12:17	
Manganese	6010B, SW-846	1.02	mg/L	0.0150	PJS	07/09/2010 / 12:17	
Mercury	EPA 245.2	ND	mg/L	0.000200	JRH	07/02/2010 / 12:17	
Nickel	6010B, SW-846	ND	mg/L	0.0400	PJS	07/09/2010 / 12:17	

Sample: 001 MW-2
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Potassium	6010B, SW-846	10.3	mg/L	1.50	PJS	07/09/2010 / 12:17	
Sodium	6010B, SW-846	85.4	mg/L	2.00	PJS	07/09/2010 / 12:17	
Silver	6010B, SW-846	ND	mg/L	0.00500	PJS	07/09/2010 / 12:17	
Selenium	6010B, SW-846	ND	mg/L	0.0350	PJS	07/13/2010 / 15:28	
Zinc	6010B, SW-846	0.213	mg/L	0.0500	PJS	07/09/2010 / 12:17	
Thallium	6010B, SW-846	ND	mg/L	0.0200	PJS	07/13/2010 / 15:28	
Vanadium	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:17	
8270 WATER EXTRACTION		1.00	L		DQT	07/01/2010 / 13:03	

Sample: 002 MW-2 DUPLICATE
Collection Date: 06/25/2010 Time: 4:30:00PM **Received Date: 06/29/2010 Time: 6:15:00PM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Acetone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 13:57	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 13:57	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	

Sample: 002 MW-2 DUPLICATE
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 13:57	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
2-Hexanone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 13:57	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
M&P-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 13:57	
DIBROMOFLUOROMETHANE (SURR)		103	%		NAC	07/08/2010 / 13:57	
TOLUENE-D8 (SURROGATE)		103	%		NAC	07/08/2010 / 13:57	
4-BROMOFLUOROBENZENE (SURR)		109	%		NAC	07/08/2010 / 13:57	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 11:37	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	

Sample: 002 MW-2 DUPLICATE
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isophorone	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Naphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 11:37	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Fluorene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 11:37	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Pentachlorophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 11:37	

Sample: 002 MW-2 DUPLICATE
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Phenanthrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Chrysene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 11:37	
2-FLUOROPHENOL (SURR)		25.1	%		TLL	07/12/2010 / 11:37	
PHENOL-D5 (SURR)		18.6	%		TLL	07/12/2010 / 11:37	
NITROBENZENE-D5 (SURR)		77.7	%		TLL	07/12/2010 / 11:37	
2-FLUOROBIPHENYL (SURR)		78.3	%		TLL	07/12/2010 / 11:37	
2,4,6-TRIBROMOPHENOL (SURR)		55.5	%		TLL	07/12/2010 / 11:37	
TERPHENYL-D14 (SURR)		88.9	%		TLL	07/12/2010 / 11:37	
TAL Metals-Water							
Aluminum	6010B, SW-846	13.3	mg/L	0.200	PJS	07/09/2010 / 12:21	
Antimony	6010B, SW-846	ND	mg/L	0.0404	PJS	07/09/2010 / 12:21	
Barium	6010B, SW-846	1.26	mg/L	0.0100	PJS	07/09/2010 / 12:21	
Arsenic	200.7, EPA 1987	0.0613	mg/L	0.0500	PJS	07/09/2010 / 12:21	
Beryllium	6010B, SW-846	ND	mg/L	0.003	PJS	07/09/2010 / 12:21	
Cadmium	6010B, SW-846	ND	mg/L	0.00300	PJS	07/09/2010 / 12:21	
Chromium	6010B, SW-846	0.0219	mg/L	0.0100	PJS	07/09/2010 / 12:21	
Calcium	6010B, SW-846	155	mg/L	1.50	PJS	07/09/2010 / 12:21	
Copper	6010B, SW-846	0.0724	mg/L	0.0250	PJS	07/09/2010 / 12:21	
Cobalt	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:21	

Sample: 002 MW-2 DUPLICATE
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Iron	6010B, SW-846	42.6	mg/L	0.100	PJS	07/09/2010 / 12:21	
Magnesium	6010B, SW-846	25.5	mg/L	1.50	PJS	07/09/2010 / 12:21	
Lead	6010B, SW-846	ND	mg/L	0.0100	PJS	07/09/2010 / 12:21	
Manganese	6010B, SW-846	1.07	mg/L	0.0150	PJS	07/09/2010 / 12:21	
Mercury	EPA 245.2	ND	mg/L	0.000200	JRH	07/02/2010 / 12:17	
Nickel	6010B, SW-846	ND	mg/L	0.0400	PJS	07/09/2010 / 12:21	
Potassium	6010B, SW-846	9.42	mg/L	1.50	PJS	07/09/2010 / 12:21	
Sodium	6010B, SW-846	84.6	mg/L	2.00	PJS	07/09/2010 / 12:21	
Silver	6010B, SW-846	ND	mg/L	0.00500	PJS	07/09/2010 / 12:21	
Selenium	6010B, SW-846	ND	mg/L	0.0350	PJS	07/13/2010 / 15:26	
Zinc	6010B, SW-846	0.168	mg/L	0.0500	PJS	07/09/2010 / 12:21	
Thallium	6010B, SW-846	ND	mg/L	0.0200	PJS	07/13/2010 / 15:26	
Vanadium	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:21	
8270 WATER EXTRACTION		1.00	L		DQT	07/01/2010 / 13:03	

Sample: 003 MW-8
Collection Date: 06/25/2010 Time: 4:45:00PM **Received Date: 06/29/2010 Time: 6:15:00PM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Acetone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 14:28	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Methylene Chloride	EPA 8260B	2	ug/L	5.0	NAC	07/08/2010 / 14:28	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	

Sample: 003 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 14:28	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 14:28	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
2-Hexanone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 14:28	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
M&P-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 14:28	
DIBROMOFLUOROMETHANE (SURR)		109	%		NAC	07/08/2010 / 14:28	
TOLUENE-D8 (SURROGATE)		102	%		NAC	07/08/2010 / 14:28	
4-BROMOFLUOROBENZENE (SURR)		107	%		NAC	07/08/2010 / 14:28	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 1006-00332

Sample: 003 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 12:16	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Isophorone	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Naphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 12:16	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Fluorene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	

Sample: 003 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 12:16	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Pentachlorophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 12:16	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Chrysene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:16	
2-FLUOROPHENOL (SURR)		17.7	%		TLL	07/12/2010 / 12:16	
PHENOL-D5 (SURR)		14.6	%		TLL	07/12/2010 / 12:16	
NITROBENZENE-D5 (SURR)		82.6	%		TLL	07/12/2010 / 12:16	
2-FLUOROBIPHENYL (SURR)		80.0	%		TLL	07/12/2010 / 12:16	
2,4,6-TRIBROMOPHENOL (SURR)		52.1	%		TLL	07/12/2010 / 12:16	
TERPHENYL-D14 (SURR)		83.9	%		TLL	07/12/2010 / 12:16	
TAL Metals-Water							
Aluminum	6010B, SW-846	0.716	mg/L	0.200	PJS	07/09/2010 / 12:33	
Antimony	6010B, SW-846	ND	mg/L	0.0404	PJS	07/09/2010 / 12:33	
Barium	6010B, SW-846	0.414	mg/L	0.0100	PJS	07/09/2010 / 12:33	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0500	PJS	07/09/2010 / 12:33	

Sample: 003 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Beryllium	6010B, SW-846	ND	mg/L	0.003	PJS	07/09/2010 / 12:33	
Cadmium	6010B, SW-846	ND	mg/L	0.00300	PJS	07/09/2010 / 12:33	
Chromium	6010B, SW-846	ND	mg/L	0.0100	PJS	07/09/2010 / 12:33	
Calcium	6010B, SW-846	159	mg/L	1.50	PJS	07/09/2010 / 12:33	
Copper	6010B, SW-846	ND	mg/L	0.0250	PJS	07/09/2010 / 12:33	
Cobalt	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:33	
Iron	6010B, SW-846	5.22	mg/L	0.100	PJS	07/09/2010 / 12:33	
Magnesium	6010B, SW-846	20.7	mg/L	1.50	PJS	07/09/2010 / 12:33	
Lead	6010B, SW-846	ND	mg/L	0.0400	PJS	07/13/2010 / 15:28	
Manganese	6010B, SW-846	0.756	mg/L	0.0150	PJS	07/09/2010 / 12:33	
Mercury	EPA 245.2	ND	mg/L	0.000200	JRH	07/02/2010 / 12:17	
Nickel	6010B, SW-846	ND	mg/L	0.0400	PJS	07/09/2010 / 12:33	
Potassium	6010B, SW-846	3.58	mg/L	1.50	PJS	07/09/2010 / 12:33	
Sodium	6010B, SW-846	110	mg/L	2.00	PJS	07/09/2010 / 12:33	
Silver	6010B, SW-846	ND	mg/L	0.00500	PJS	07/09/2010 / 12:33	
Selenium	6010B, SW-846	ND	mg/L	0.0350	PJS	07/13/2010 / 15:28	
Zinc	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:33	
Thallium	6010B, SW-846	ND	mg/L	0.0200	PJS	07/13/2010 / 15:28	
Vanadium	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:33	
8270 WATER EXTRACTION		1.00	L		DQT	07/01/2010 / 13:03	

Sample: 004 MW-9
Collection Date: 06/25/2010 Time: 4:15:00PM **Received Date: 06/29/2010 Time: 6:15:00PM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Acetone	EPA 8260B	20	ug/L	10	NAC	07/08/2010 / 15:00	B
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	

Sample: 004 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 15:00	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 15:00	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
2-Hexanone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 15:00	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
M&P-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:00	
DIBROMOFLUOROMETHANE (SURR)		111	%		NAC	07/08/2010 / 15:00	
TOLUENE-D8 (SURROGATE)		99.0	%		NAC	07/08/2010 / 15:00	
4-BROMOFLUOROBENZENE (SURR)		105	%		NAC	07/08/2010 / 15:00	
TCL SEMIVOLATILES-WATER							

Sample: 004 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 12:55	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Isophorone	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Naphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 12:55	

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 1006-00332

Sample: 004 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Fluorene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 12:55	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Pentachlorophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 12:55	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Chrysene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 12:55	
2-FLUOROPHENOL (SURR)		35.8	%		TLL	07/12/2010 / 12:55	
PHENOL-D5 (SURR)		28.3	%		TLL	07/12/2010 / 12:55	
NITROBENZENE-D5 (SURR)		85.9	%		TLL	07/12/2010 / 12:55	
2-FLUOROBIPHENYL (SURR)		89.1	%		TLL	07/12/2010 / 12:55	
2,4,6-TRIBROMOPHENOL (SURR)		78.8	%		TLL	07/12/2010 / 12:55	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:LAO00201 NJ: MA744 NH: 2011

ND = Not Detected **PQL= Practical Quantitation Limit**

Sample: 004 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TERPHENYL-D14 (SURR)		101	%		TLL	07/12/2010 / 12:55	
TAL Metals-Water							
Aluminum	6010B, SW-846	ND	mg/L	0.200	PJS	07/09/2010 / 12:36	
Antimony	6010B, SW-846	ND	mg/L	0.0404	PJS	07/09/2010 / 12:36	
Barium	6010B, SW-846	0.303	mg/L	0.0100	PJS	07/09/2010 / 12:36	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0500	PJS	07/09/2010 / 12:36	
Beryllium	6010B, SW-846	ND	mg/L	0.003	PJS	07/09/2010 / 12:36	
Cadmium	6010B, SW-846	ND	mg/L	0.00300	PJS	07/09/2010 / 12:36	
Chromium	6010B, SW-846	ND	mg/L	0.0100	PJS	07/09/2010 / 12:36	
Calcium	6010B, SW-846	127	mg/L	1.50	PJS	07/09/2010 / 12:36	
Copper	6010B, SW-846	ND	mg/L	0.0250	PJS	07/09/2010 / 12:36	
Cobalt	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:36	
Iron	6010B, SW-846	2.23	mg/L	0.100	PJS	07/09/2010 / 12:36	
Magnesium	6010B, SW-846	18.2	mg/L	1.50	PJS	07/09/2010 / 12:36	
Lead	6010B, SW-846	ND	mg/L	0.0300	PJS	07/13/2010 / 15:28	
Manganese	6010B, SW-846	0.487	mg/L	0.0150	PJS	07/09/2010 / 12:36	
Mercury	EPA 245.2	ND	mg/L	0.000200	JRH	07/02/2010 / 12:17	
Nickel	6010B, SW-846	ND	mg/L	0.0400	PJS	07/09/2010 / 12:36	
Potassium	6010B, SW-846	1.71	mg/L	1.50	PJS	07/09/2010 / 12:36	
Sodium	6010B, SW-846	77.4	mg/L	2.00	PJS	07/09/2010 / 12:36	
Silver	6010B, SW-846	ND	mg/L	0.00500	PJS	07/09/2010 / 12:36	
Selenium	6010B, SW-846	ND	mg/L	0.0350	PJS	07/13/2010 / 15:28	
Zinc	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:36	
Thallium	6010B, SW-846	ND	mg/L	0.0200	PJS	07/13/2010 / 15:28	
Vanadium	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:36	
8270 WATER EXTRACTION		1.00	L		DQT	07/01/2010 / 13:03	

Sample: 005 MW-11
Collection Date: 06/25/2010 Time: 4:00:00PM **Received Date: 06/29/2010 Time: 6:15:00PM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							

Sample: 005 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Acetone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 15:31	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Methylene Chloride	EPA 8260B	2	ug/L	5.0	NAC	07/08/2010 / 15:31	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 15:31	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 15:31	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
2-Hexanone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 15:31	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
M&P-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	

Sample: 005 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 15:31	
DIBROMOFLUOROMETHANE (SURR)		98.2	%		NAC	07/08/2010 / 15:31	
TOLUENE-D8 (SURROGATE)		103	%		NAC	07/08/2010 / 15:31	
4-BROMOFLUOROBENZENE (SURR)		107	%		NAC	07/08/2010 / 15:31	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 13:34	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Isophorone	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Naphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	

Sample: 005 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 13:34	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Fluorene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 13:34	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Pentachlorophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 13:34	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Chrysene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	

Sample: 005 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 13:34	
2-FLUOROPHENOL (SURR)		29.7	%		TLL	07/12/2010 / 13:34	
PHENOL-D5 (SURR)		24.4	%		TLL	07/12/2010 / 13:34	
NITROBENZENE-D5 (SURR)		83.0	%		TLL	07/12/2010 / 13:34	
2-FLUOROBIPHENYL (SURR)		80.4	%		TLL	07/12/2010 / 13:34	
2,4,6-TRIBROMOPHENOL (SURR)		60.0	%		TLL	07/12/2010 / 13:34	
TERPHENYL-D14 (SURR)		97.3	%		TLL	07/12/2010 / 13:34	
TAL Metals-Water							
Aluminum	6010B, SW-846	3.30	mg/L	0.200	PJS	07/09/2010 / 12:40	
Antimony	6010B, SW-846	ND	mg/L	0.0404	PJS	07/09/2010 / 12:40	
Barium	6010B, SW-846	0.182	mg/L	0.0100	PJS	07/09/2010 / 12:40	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0500	PJS	07/09/2010 / 12:40	
Beryllium	6010B, SW-846	ND	mg/L	0.003	PJS	07/09/2010 / 12:40	
Cadmium	6010B, SW-846	ND	mg/L	0.00300	PJS	07/09/2010 / 12:40	
Chromium	6010B, SW-846	ND	mg/L	0.0100	PJS	07/09/2010 / 12:40	
Calcium	6010B, SW-846	174	mg/L	1.50	PJS	07/09/2010 / 12:40	
Copper	6010B, SW-846	ND	mg/L	0.0250	PJS	07/09/2010 / 12:40	
Cobalt	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:40	
Iron	6010B, SW-846	16.6	mg/L	0.100	PJS	07/09/2010 / 12:40	
Magnesium	6010B, SW-846	37.4	mg/L	1.50	PJS	07/09/2010 / 12:40	
Lead	6010B, SW-846	ND	mg/L	0.0400	PJS	07/13/2010 / 15:28	
Manganese	6010B, SW-846	0.445	mg/L	0.0150	PJS	07/09/2010 / 12:40	
Mercury	EPA 245.2	ND	mg/L	0.000200	JRH	07/02/2010 / 12:17	
Nickel	6010B, SW-846	ND	mg/L	0.0400	PJS	07/09/2010 / 12:40	
Potassium	6010B, SW-846	2.08	mg/L	1.50	PJS	07/09/2010 / 12:40	
Sodium	6010B, SW-846	51.4	mg/L	2.00	PJS	07/09/2010 / 12:40	
Silver	6010B, SW-846	ND	mg/L	0.00500	PJS	07/09/2010 / 12:40	
Selenium	6010B, SW-846	ND	mg/L	0.0350	PJS	07/13/2010 / 15:28	
Zinc	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:40	
Thallium	6010B, SW-846	ND	mg/L	0.0200	PJS	07/13/2010 / 15:28	
Vanadium	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:40	
8270 WATER EXTRACTION		1.00	L		DQT	07/01/2010 / 13:03	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 1006-00332

Sample: 006 MW-12
Collection Date: 06/25/2010 Time: 5:15:00PM **Received Date: 06/29/2010 Time: 6:15:00PM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Acetone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 16:02	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Methylene Chloride	EPA 8260B	1	ug/L	5.0	NAC	07/08/2010 / 16:02	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 16:02	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 16:02	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
2-Hexanone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 16:02	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
M&P-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	

Sample: 006 MW-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 16:02	
DIBROMOFLUOROMETHANE (SURR)		105	%		NAC	07/08/2010 / 16:02	
TOLUENE-D8 (SURROGATE)		103	%		NAC	07/08/2010 / 16:02	
4-BROMOFLUOROBENZENE (SURR)		110	%		NAC	07/08/2010 / 16:02	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 14:13	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Isophorone	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Naphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	

Sample: 006 MW-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 14:13	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Fluorene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 14:13	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Pentachlorophenol	EPA 8270C	ND	ug/L	10	TLL	07/12/2010 / 14:13	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Chrysene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 1006-00332

Sample: 006 MW-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	TLL	07/12/2010 / 14:13	
2-FLUOROPHENOL (SURR)		38.2	%		TLL	07/12/2010 / 14:13	
PHENOL-D5 (SURR)		27.6	%		TLL	07/12/2010 / 14:13	
NITROBENZENE-D5 (SURR)		86.3	%		TLL	07/12/2010 / 14:13	
2-FLUOROBIPHENYL (SURR)		78.9	%		TLL	07/12/2010 / 14:13	
2,4,6-TRIBROMOPHENOL (SURR)		90.7	%		TLL	07/12/2010 / 14:13	
TERPHENYL-D14 (SURR)		87.9	%		TLL	07/12/2010 / 14:13	
TAL Metals-Water							
Aluminum	6010B, SW-846	2.12	mg/L	0.200	PJS	07/09/2010 / 12:44	
Antimony	6010B, SW-846	ND	mg/L	0.0404	PJS	07/09/2010 / 12:44	
Barium	6010B, SW-846	0.184	mg/L	0.0100	PJS	07/09/2010 / 12:44	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0500	PJS	07/09/2010 / 12:44	
Beryllium	6010B, SW-846	ND	mg/L	0.003	PJS	07/09/2010 / 12:44	
Cadmium	6010B, SW-846	ND	mg/L	0.00300	PJS	07/09/2010 / 12:44	
Chromium	6010B, SW-846	ND	mg/L	0.0100	PJS	07/09/2010 / 12:44	
Calcium	6010B, SW-846	149	mg/L	1.50	PJS	07/09/2010 / 12:44	
Copper	6010B, SW-846	ND	mg/L	0.0250	PJS	07/09/2010 / 12:44	
Cobalt	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:44	
Iron	6010B, SW-846	14.6	mg/L	0.100	PJS	07/09/2010 / 12:44	
Magnesium	6010B, SW-846	22.2	mg/L	1.50	PJS	07/09/2010 / 12:44	
Lead	6010B, SW-846	ND	mg/L	0.0300	PJS	07/13/2010 / 15:28	
Manganese	6010B, SW-846	0.327	mg/L	0.0150	PJS	07/09/2010 / 12:44	
Mercury	EPA 245.2	ND	mg/L	0.000200	JRH	07/02/2010 / 12:17	
Nickel	6010B, SW-846	ND	mg/L	0.0400	PJS	07/09/2010 / 12:44	
Potassium	6010B, SW-846	6.40	mg/L	1.50	PJS	07/09/2010 / 12:44	
Sodium	6010B, SW-846	61.7	mg/L	2.00	PJS	07/09/2010 / 12:44	
Silver	6010B, SW-846	ND	mg/L	0.00500	PJS	07/09/2010 / 12:44	
Selenium	6010B, SW-846	ND	mg/L	0.0350	PJS	07/13/2010 / 15:28	
Zinc	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:44	
Thallium	6010B, SW-846	ND	mg/L	0.0200	PJS	07/13/2010 / 15:28	
Vanadium	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:44	
8270 WATER EXTRACTION		1.00	L		DQT	07/01/2010 / 13:03	

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 1006-00332

Sample: 007 BLANK
Collection Date: 06/25/2010
Matrix: WATER

Received Date: 06/29/2010 **Time:** 6:15:00PM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Acetone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 12:54	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Methylene Chloride	EPA 8260B	2	ug/L	5.0	NAC	07/08/2010 / 12:54	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 12:54	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 12:54	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
2-Hexanone	EPA 8260B	ND	ug/L	10	NAC	07/08/2010 / 12:54	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	

Sample: 007 BLANK
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
M&P-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	07/08/2010 / 12:54	
DIBROMOFLUOROMETHANE (SURR)		97.9	%		NAC	07/08/2010 / 12:54	
TOLUENE-D8 (SURROGATE)		101	%		NAC	07/08/2010 / 12:54	
4-BROMOFLUOROBENZENE (SURR)		108	%		NAC	07/08/2010 / 12:54	

Sample: 008 BLANK
Collection Date: 06/25/2010 **Received Date: 06/29/2010 Time: 6:15:00PM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TAL Metals-Water							
Aluminum	6010B, SW-846	ND	mg/L	0.200	PJS	07/09/2010 / 12:48	
Antimony	6010B, SW-846	ND	mg/L	0.0404	PJS	07/09/2010 / 12:48	
Barium	6010B, SW-846	ND	mg/L	0.0100	PJS	07/09/2010 / 12:48	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0500	PJS	07/09/2010 / 12:48	
Beryllium	6010B, SW-846	ND	mg/L	0.003	PJS	07/09/2010 / 12:48	
Cadmium	6010B, SW-846	ND	mg/L	0.00300	PJS	07/09/2010 / 12:48	
Chromium	6010B, SW-846	ND	mg/L	0.0100	PJS	07/09/2010 / 12:48	
Calcium	6010B, SW-846	ND	mg/L	1.50	PJS	07/09/2010 / 12:48	
Copper	6010B, SW-846	ND	mg/L	0.0250	PJS	07/09/2010 / 12:48	
Cobalt	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:48	
Iron	6010B, SW-846	ND	mg/L	0.100	PJS	07/09/2010 / 12:48	
Magnesium	6010B, SW-846	ND	mg/L	1.50	PJS	07/09/2010 / 12:48	
Lead	6010B, SW-846	ND	mg/L	0.0100	PJS	07/09/2010 / 12:48	
Manganese	6010B, SW-846	ND	mg/L	0.0150	PJS	07/09/2010 / 12:48	
Mercury	EPA 245.2	ND	mg/L	0.000200	JRH	07/02/2010 / 12:17	
Nickel	6010B, SW-846	ND	mg/L	0.0400	PJS	07/09/2010 / 12:48	
Potassium	6010B, SW-846	ND	mg/L	1.50	PJS	07/09/2010 / 12:48	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 1006-00332

Sample: 008 **BLANK**
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sodium	6010B, SW-846	ND	mg/L	2.00	PJS	07/09/2010 / 12:48	
Silver	6010B, SW-846	ND	mg/L	0.00500	PJS	07/09/2010 / 12:48	
Selenium	6010B, SW-846	ND	mg/L	0.0350	PJS	07/13/2010 / 15:28	
Zinc	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:48	
Thallium	6010B, SW-846	ND	mg/L	0.0200	PJS	07/13/2010 / 15:28	
Vanadium	6010B, SW-846	ND	mg/L	0.0500	PJS	07/09/2010 / 12:48	

B Analyte was detected in the associated Method Blank.

J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).

To the best of my knowledge this report is true and accurate.

Authorized By: Nicole Cortese Date: 07/27/10

Nicole Cortese, Laboratory Director

AMERI SCI Boston
www.amerisci.com

CHAIN OF CUSTODY RECORD

AMERISCI BOSTON
8 School Street ~ Weymouth, MA 02189
888.724.5221 Toll Free
781.337.9334 Phone ~ 781.337.7642 Fax

AMERISCI JOB NO: 1006-332 | PAGE 1 OF 1

DUE DATE: ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY ☐ 10 DAY | TEMP UPON RECEIPT: 5.8°C

DATA PACKAGE: ASP Category B | P.O.# 05523

COMPANY: Eisenbach and Ruhnke Ruhnke Engineering, P.C.
ADDRESS: 291 Genesee St Utica, NY 13501
PHONE: 3157351916 | FAX 1: 3157356365 | FAX 2:
CLIENT CONTACT: Mark Ruhnke | EMAIL: MRuhnke@EERENGPC.COM
PROJECT NAME: Koplans Scrap Yard | PROJECT NUMBER: 05523 | PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER
CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	TCL V.O.C.'s	TCL Semi-V.O.C.'s	TAL Metals	TCLP Lead	TCLP Chromium	Notes:
1	MW-2	A			4	6/25/10	4:50	MR/FB			7/2/-	X	X				
2	MW-2 Duplicate	A			4	6/25/10	4:30	MR/FB			7/2/-	X	X	X			
3	MW-8	A			4		4:45	MR/FB			7/2/-	X	X	X			
4	MW-9	A			4		4:15	MR/FB			7/2/-	X	X	X			
5	MW-11	A			4		4:00	MR/FB			7/2/-	X	X	X			
6	MW-12	A			4	↓	5:15	MR/FB			7/2/-	X	X	X			
7	Blank	A			2	6/25/10	~~5:30~~				-	X					
8	Blank	A			1	6/25/10	~~5:45~~				2			X			

SAMPLED BY: (PRINT) M. Ruhnke	DATE: 6/25/10	RECEIVED BY: (PRINT)	DATE:		
(SIGN)	TIME: 5:15	(SIGN)	TIME:		
RELINQUISHED BY: (PRINT) M. Ruhnke	DATE: 6/28/10	RECEIVED BY: (PRINT)	DATE:		
(SIGN)	TIME:	(SIGN)	TIME:		
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) MARK PORTA	DATE: 6/29/10		
(SIGN)	TIME:	(SIGN)	TIME: 18:15		

Label 2 of 2

From: Origin ID: UCAA (315) 735-1910
office
EISENBACH & RUHNKE ENG., P C
291 Genesee Street

Utica, NY 13501

FedEx Express

Ship Date: 28JUN10
ActWgt: 20.0 LB
CAD: 5901978/INET3060

Delivery Address Bar Code

SHIP TO: (888) 724-5221 BILL SENDER
Mr. Mark Porta
AmeriSci Boston
8 SCHOOL ST

WEYMOUTH, MA 02189

Ref # 05523
Invoice #
PO #
Dept #

2 of 2
MPS# 0263 7936 7724 6722
Mstr# 7936 7724 6571 0201

TUE - 29 JUN A1
PRIORITY OVERNIGHT

02189
MA-US
BOS

ZI XPUA

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

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Label 1 of 2

From: Origin ID: UCAA (315) 735-1916
office
EISENBACH & RUHNKE ENG , P.C
291 Genesee Street

Utica, NY 13501

FedEx Express

Ship Date: 28JUN10
ActWgt: 20 0 LB
CAD: 5901978/NET3060

Delivery Address Bar Code

SHIP TO: (888) 724-5221 BILL SENDER
Mr. Mark Porta
AmeriSci Boston
8 SCHOOL ST

WEYMOUTH, MA 02189

Ref # 05523
Invoice #
PO #
Dept #

1 of 2

TRK# 0201 7936 7724 6571

MASTER

TUE - 29 JUN A1
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AmeriSci Boston

SCI-SOP-1003
Sample Receiving Form

CLIENT: Eisenbach / Avantre	WORKORDER: 1006-332
CLIENTS JOB: 05523	RECEIVED BY:
RECEIVED DATE: 6/29/10	SHIPPING METHOD:
TEMP UPON RECEIPT: 5.8°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.	X		
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/ leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	X		
Were samples in direct contact with wet ice? If "NO" check one: € Blue Ice €No Ice	X		
Is sample temperature recorded ? If "NO" check one: €Unable to record €Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?	X		
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor: Date Sent Out:			
Analyses Sent:			

Login Technician: MP Login Review:

Comments:

Samples received 6/29/10 @ 18:15. Coolers stored in walken overnight 6/29/10; Logged in to LIMS 6/30/10. GP

SAMPLING RESULTS, LABORATORY REPORT OF ANALYSIS, SOIL AND GROUNDWATER

Sampling Event 8-08-07

Subsurface Soil -VOC, SVOC, Metals, PCBs and Herbicides/Pesticides
Surface Soil - VOC, SVOC, Metals, PCBs and Herbicides/Pesticides
Groundwater – VOC, SVOC, Metals, PCBs and Herbicides/Pesticides
Subsurface Soils -VOC, SVOC and Metals Analysis

Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

AMERI SCI

FACSIMILE TELECOPY TRANSMISSION

To: Mark Ruhnke
Eisenbach & Ruhnke Engineering

AmeriSci Job# 0708-00048
Subject: KAPLAN'S

Fax # 315-735-6365

Email: mruhnke@erengpc.com

Date: Thursday, August 30, 2007

Time: 2:25:44PM

Comments:

This report consists of 48 pages, including:

Cover Page (Facsimile Telecopy Transmission)	1	pages
Laboratory Report	39	pages
Chain of Custody Record	1	pages
Air bill	1	pages
Sample Receiving Form	1	pages
Miscellaneous	0	pages

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 00/00/0000
Workorder No. 0708-00048

Customer: Eisenbach & Ruhnke Engineering
291 Genesee Street
Utica, NY 13501

Attention: Mark Ruhnke
Subject: KAPLAN'S

Sample: 001 B-8 (10-12')
Collection Date: 08/02/2007 **Time:** 12:20:00PM
Matrix: SOIL
Received Date: 08/07/2007 **Time:** 9:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Chloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Bromomethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Chloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Acetone	EPA 8260B	55	ug/Kg	48	NAC	08/16/2007 / 17:41	B
Methylene Chloride	EPA 8260B	8	ug/Kg	39	NAC	08/16/2007 / 17:41	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	NAC	08/16/2007 / 17:41	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Chloroform	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Benzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	48	NAC	08/16/2007 / 17:41	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Toluene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744
ND = Not Detected PQL= Practical Quantitation Limit

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 001 B-8 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	NAC	08/16/2007 / 17:41	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	NAC	08/16/2007 / 17:41	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Styrene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
Bromoform	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 17:41	
DIBROMOFLUOROMETHANE (SURR)		109	%		NAC	08/16/2007 / 17:41	
TOLUENE-D8 (SURROGATE)		102	%		NAC	08/16/2007 / 17:41	
4-BROMOFLUOROBENZENE (SURR)		101	%		NAC	08/16/2007 / 17:41	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	MVP	08/20/2007 / 19:07	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Isophorone	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 001 B-8 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Fluorene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Phenanthrene	EPA 8270C	49	ug/Kg	190	MVP	08/20/2007 / 19:07	J
Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Fluoranthene	EPA 8270C	90	ug/Kg	190	MVP	08/20/2007 / 19:07	J
Pyrene	EPA 8270C	62	ug/Kg	190	MVP	08/20/2007 / 19:07	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 001 B-8 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Benzo(a)anthracene	EPA 8270C	41	ug/Kg	190	MVP	08/20/2007 / 19:07	J
Chrysene	EPA 8270C	42	ug/Kg	190	MVP	08/20/2007 / 19:07	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Benzo(b)fluoranthene	EPA 8270C	39	ug/Kg	190	MVP	08/20/2007 / 19:07	J
Benzo(k)fluoranthene	EPA 8270C	41	ug/Kg	190	MVP	08/20/2007 / 19:07	J
Benzo(a)pyrene	EPA 8270C	39	ug/Kg	190	MVP	08/20/2007 / 19:07	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 19:07	
2-FLUOROPHENOL (SURR)		74.0	%		MVP	08/20/2007 / 19:07	
PHENOL-D5 (SURR)		75.9	%		MVP	08/20/2007 / 19:07	
NITROBENZENE-D5 (SURR)		79.3	%		MVP	08/20/2007 / 19:07	
2-FLUOROBIPHENYL (SURR)		78.5	%		MVP	08/20/2007 / 19:07	
2,4,6-TRIBROMOPHENOL (SURR)		91.0	%		MVP	08/20/2007 / 19:07	
TERPHENYL-D14 (SURR)		87.0	%		MVP	08/20/2007 / 19:07	
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
beta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
delta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Heptachlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Aldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Dieldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Endrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 001 B-8 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methoxychlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 19:00	
Chlordane	EPA 8081A	ND	ug/Kg	38	MVP	08/20/2007 / 19:00	
Toxaphene	EPA 8081A	ND	ug/Kg	38	MVP	08/20/2007 / 19:00	
TCMX (SURROGATE)		96.9	%		MVP	08/20/2007 / 19:00	G3
DCB (SURROGATE)		95.3	%		MVP	08/20/2007 / 19:00	
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
PCB-1221	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
PCB-1232	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
PCB-1242	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
PCB-1248	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
PCB-1254	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
PCB-1260	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
PCB-1262	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
PCB-1268	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 10:56	
TCMX (SURROGATE)		77.9	%		MVP	08/14/2007 / 10:56	
DCB (SURROGATE)		86.1	%		MVP	08/14/2007 / 10:56	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.31	PJS	08/28/2007 / 16:54	RL3
Aluminum	6010B, SW-846	9310	mg/Kg	21.6	PJS	08/28/2007 / 16:54	
Arsenic	6010B, SW-846	ND	mg/Kg	4.31	PJS	08/29/2007 / 16:54	RL3
Barium	6010B, SW-846	104	mg/Kg	3.2	PJS	08/28/2007 / 16:54	
Beryllium	6010B, SW-846	ND	mg/Kg	0.647	PJS	08/28/2007 / 16:54	RL3
Cadmium	6010B, SW-846	0.339	mg/Kg	0.323	PJS	08/28/2007 / 16:54	
Chromium	6010B, SW-846	13.2	mg/Kg	1.08	PJS	08/28/2007 / 16:54	
Calcium	6010B, SW-846	1700	mg/Kg	162	PJS	08/28/2007 / 16:54	
Iron	6010B, SW-846	18600	mg/Kg	10.8	PJS	08/28/2007 / 16:54	
Cobalt	6010B, SW-846	ND	mg/Kg	10.8	PJS	08/28/2007 / 16:54	RL3
Copper	6010B, SW-846	23.5	mg/Kg	5.39	PJS	08/28/2007 / 16:54	
Lead	6010B, SW-846	8.45	mg/Kg	6.47	PJS	08/28/2007 / 16:54	RL3
Magnesium	6010B, SW-846	3640	mg/Kg	129	PJS	08/28/2007 / 16:54	
Manganese	6010B, SW-846	136	mg/Kg	1.62	PJS	08/28/2007 / 16:54	
Mercury	SW-846; 7471A	ND	mg/Kg	0.0368	TDJ	08/08/2007 / 14:17	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 001 B-8 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Nickel	6010B, SW-846	21.8	mg/Kg	4.31	PJS	08/28/2007 / 16:54	
Vanadium	6010B, SW-846	13.4	mg/Kg	5.39	PJS	08/28/2007 / 16:54	
Selenium	6010B, SW-846	9.16	mg/Kg	4.31	PJS	08/28/2007 / 16:54	RL3
Potassium	6010B, SW-846	823	mg/Kg	162	PJS	08/28/2007 / 16:54	
Silver	6010B, SW-846	1.6	mg/Kg	1.1	PJS	08/28/2007 / 16:54	RL3
Sodium	6010B, SW-846	ND	mg/Kg	162	PJS	08/28/2007 / 16:54	
Thallium	6010B, SW-846	6.79	mg/Kg	4.35	PJS	08/23/2007 / 16:54	RL3
Zinc	6010B, SW-846	77.9	mg/Kg	10.8	PJS	08/28/2007 / 16:54	RL3
Percent Solids	SM 2540G	85.9	%		TLL	08/08/2007 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.26	G		ADW	08/13/2007 / 17:59	
Flame/ICP Solid Digestion	EPA 3050B	92.5926			TLL	08/08/2007 / 14:45	

Sample: 002 B-9 (10-12')
Collection Date: 08/02/2007 **Time:** 4:30:00PM
Matrix: SOIL

Received Date: 08/07/2007 **Time:** 9:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Chloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Bromomethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Chloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Acetone	EPA 8260B	17	ug/Kg	39	NAC	08/16/2007 / 12:33	J,B
Methylene Chloride	EPA 8260B	6	ug/Kg	31	NAC	08/16/2007 / 12:33	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	39	NAC	08/16/2007 / 12:33	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Chloroform	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	

Sample: 002 B-9 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Trichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	39	NAC	08/16/2007 / 12:33	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Toluene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
2-Hexanone	EPA 8260B	ND	ug/Kg	39	NAC	08/16/2007 / 12:33	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Chlorobenzene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Ethylbenzene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
M & P XYLENE	EPA 8260B	ND	ug/Kg	16	NAC	08/16/2007 / 12:33	
O-XYLENE	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Styrene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
Bromoform	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 12:33	
DIBROMOFLUOROMETHANE (SURR)		116	%		NAC	08/16/2007 / 12:33	
TOLUENE-D8 (SURROGATE)		100	%		NAC	08/16/2007 / 12:33	
4-BROMOFLUOROBENZENE (SURR)		90.6	%		NAC	08/16/2007 / 12:33	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 002 B-9 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	MVP	08/20/2007 / 20:37	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Isophorone	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Naphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Fluorene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	

Sample: 002 B-9 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Chrysene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 20:37	
2-FLUOROPHENOL (SURR)		73.0	%		MVP	08/20/2007 / 20:37	
PHENOL-D5 (SURR)		74.7	%		MVP	08/20/2007 / 20:37	
NITROBENZENE-D5 (SURR)		78.4	%		MVP	08/20/2007 / 20:37	
2-FLUOROBIPHENYL (SURR)		76.8	%		MVP	08/20/2007 / 20:37	
2,4,6-TRIBROMOPHENOL (SURR)		91.9	%		MVP	08/20/2007 / 20:37	
TERPHENYL-D14 (SURR)		85.7	%		MVP	08/20/2007 / 20:37	
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
beta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
delta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Heptachlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Aldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Dieldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	

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Sample: 002 B-9 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Chlordane	EPA 8081A	ND	ug/Kg	38	MVP	08/20/2007 / 9:54	
Toxaphene	EPA 8081A	ND	ug/Kg	38	MVP	08/20/2007 / 9:54	
TCMX (SURROGATE)		96.8	%		MVP	08/20/2007 / 9:54	G3
DCB (SURROGATE)		91.8	%		MVP	08/20/2007 / 9:54	
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
PCB-1221	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
PCB-1232	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
PCB-1242	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
PCB-1248	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
PCB-1254	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
PCB-1260	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
PCB-1262	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
PCB-1268	EPA 8082	ND	ug/Kg	38	MVP	08/14/2007 / 11:24	
TCMX (SURROGATE)		73.2	%		MVP	08/14/2007 / 11:24	
DCB (SURROGATE)		82.0	%		MVP	08/14/2007 / 11:24	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.48	PJS	08/28/2007 / 16:54	RL3
Aluminum	6010B, SW-846	8880	mg/Kg	22.4	PJS	08/28/2007 / 16:54	
Arsenic	6010B, SW-846	7.03	mg/Kg	6.02	PJS	08/28/2007 / 16:54	RL3
Barium	6010B, SW-846	66.8	mg/Kg	3.4	PJS	08/28/2007 / 16:54	
Beryllium	6010B, SW-846	ND	mg/Kg	0.672	PJS	08/28/2007 / 16:54	RL3
Cadmium	6010B, SW-846	ND	mg/Kg	0.336	PJS	08/28/2007 / 16:54	
Chromium	6010B, SW-846	14.8	mg/Kg	1.12	PJS	08/28/2007 / 16:54	

Sample: 002 B-9 (10-12')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Calcium	6010B, SW-846	33600	mg/Kg	168	PJS	08/28/2007 / 16:54	
Iron	6010B, SW-846	19400	mg/Kg	11.2	PJS	08/28/2007 / 16:54	
Cobalt	6010B, SW-846	ND	mg/Kg	11.2	PJS	08/28/2007 / 16:54	RL3
Copper	6010B, SW-846	33.1	mg/Kg	5.60	PJS	08/28/2007 / 16:54	
Lead	6010B, SW-846	8.60	mg/Kg	6.72	PJS	08/28/2007 / 16:54	RL3
Magnesium	6010B, SW-846	11300	mg/Kg	134	PJS	08/28/2007 / 16:54	
Manganese	6010B, SW-846	213	mg/Kg	1.68	PJS	08/28/2007 / 16:54	
Mercury	SW-846; 7471A	ND	mg/Kg	0.0368	TDJ	08/08/2007 / 14:17	
Nickel	6010B, SW-846	22.5	mg/Kg	4.48	PJS	08/28/2007 / 16:54	
Vanadium	6010B, SW-846	16.3	mg/Kg	5.60	PJS	08/28/2007 / 16:54	
Selenium	6010B, SW-846	11.0	mg/Kg	4.48	PJS	08/28/2007 / 16:54	RL3
Potassium	6010B, SW-846	802	mg/Kg	168	PJS	08/28/2007 / 16:54	
Silver	6010B, SW-846	1.19	mg/Kg	0.56	PJS	08/28/2007 / 16:54	
Sodium	6010B, SW-846	ND	mg/Kg	168	PJS	08/28/2007 / 16:54	
Thallium	6010B, SW-846	ND	mg/Kg	4.52	PJS	08/23/2007 / 16:54	RL3
Zinc	6010B, SW-846	75.6	mg/Kg	11.2	PJS	08/28/2007 / 16:54	RL3
Percent Solids	SM 2540G	87.6	%		TLL	08/08/2007 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.38	G		ADW	08/13/2007 / 17:59	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			TLL	08/08/2007 / 14:45	

Sample: 003 B-10 (8-9.5')
Collection Date: 08/03/2007 **Time:** 10:00:00AM
Matrix: SOIL

Received Date: 08/07/2007 **Time:** 9:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Chloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Bromomethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Chloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Acetone	EPA 8260B	32	ug/Kg	42	NAC	08/16/2007 / 13:05	J,B
Methylene Chloride	EPA 8260B	20	ug/Kg	34	NAC	08/16/2007 / 13:05	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	

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Sample: 003 B-10 (8-9.5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	42	NAC	08/16/2007 / 13:05	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Chloroform	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Benzene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Trichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	42	NAC	08/16/2007 / 13:05	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Toluene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
2-Hexanone	EPA 8260B	ND	ug/Kg	42	NAC	08/16/2007 / 13:05	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Chlorobenzene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Ethylbenzene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
M & P XYLENE	EPA 8260B	ND	ug/Kg	17	NAC	08/16/2007 / 13:05	
O-XYLENE	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Styrene	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
Bromoform	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/16/2007 / 13:05	
DIBROMOFLUOROMETHANE (SURR)		113	%		NAC	08/16/2007 / 13:05	
TOLUENE-D8 (SURROGATE)		105	%		NAC	08/16/2007 / 13:05	
4-BROMOFLUOROBENZENE (SURR)		102	%		NAC	08/16/2007 / 13:05	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 003 B-10 (8-9.5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	370	MVP	08/20/2007 / 21:07	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Isophorone	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Naphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	

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Workorder No. 0708-00048

Sample: 003 B-10 (8-9.5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Fluorene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Chrysene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:07	
2-FLUOROPHENOL (SURR)		74.9	%		MVP	08/20/2007 / 21:07	
PHENOL-D5 (SURR)		76.8	%		MVP	08/20/2007 / 21:07	
NITROBENZENE-D5 (SURR)		81.8	%		MVP	08/20/2007 / 21:07	
2-FLUOROBIPHENYL (SURR)		78.5	%		MVP	08/20/2007 / 21:07	
2,4,6-TRIBROMOPHENOL (SURR)		95.1	%		MVP	08/20/2007 / 21:07	
TERPHENYL-D14 (SURR)		87.1	%		MVP	08/20/2007 / 21:07	
Pesticides-Soil/Solid							

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Workorder No. 0708-00048

Sample: 003 B-10 (8-9.5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
alpha-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
beta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
delta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Heptachlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Aldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Dieldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Chlordane	EPA 8081A	ND	ug/Kg	37	MVP	08/20/2007 / 9:54	
Toxaphene	EPA 8081A	ND	ug/Kg	37	MVP	08/20/2007 / 9:54	
TCMX (SURROGATE)		105	%		MVP	08/20/2007 / 9:54	G3
DCB (SURROGATE)		103	%		MVP	08/20/2007 / 9:54	G3
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
PCB-1221	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
PCB-1232	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
PCB-1242	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
PCB-1248	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
PCB-1254	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
PCB-1260	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
PCB-1262	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
PCB-1268	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 11:53	
TCMX (SURROGATE)		80.4	%		MVP	08/14/2007 / 11:53	
DCB (SURROGATE)		90.2	%		MVP	08/14/2007 / 11:53	

Sample: 003 B-10 (8-9.5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	8.74	PJS	08/28/2007 / 16:54	RL3
Aluminum	6010B, SW-846	10200	mg/Kg	21.9	PJS	08/28/2007 / 16:54	
Arsenic	6010B, SW-846	ND	mg/Kg	8.74	PJS	08/28/2007 / 16:54	RL3
Barium	6010B, SW-846	141	mg/Kg	3.3	PJS	08/28/2007 / 16:54	
Beryllium	6010B, SW-846	ND	mg/Kg	1.31	PJS	08/28/2007 / 16:54	RL3
Cadmium	6010B, SW-846	ND	mg/Kg	0.328	PJS	08/28/2007 / 16:54	
Chromium	6010B, SW-846	14.3	mg/Kg	1.09	PJS	08/28/2007 / 16:54	
Calcium	6010B, SW-846	24800	mg/Kg	164	PJS	08/28/2007 / 16:54	
Iron	6010B, SW-846	22500	mg/Kg	10.9	PJS	08/28/2007 / 16:54	
Cobalt	6010B, SW-846	ND	mg/Kg	21.9	PJS	08/28/2007 / 16:54	RL3
Copper	6010B, SW-846	23.4	mg/Kg	5.46	PJS	08/28/2007 / 16:54	
Lead	6010B, SW-846	13.9	mg/Kg	13.1	PJS	08/28/2007 / 16:54	RL3
Magnesium	6010B, SW-846	6840	mg/Kg	131	PJS	08/28/2007 / 16:54	
Manganese	6010B, SW-846	518	mg/Kg	1.64	PJS	08/28/2007 / 16:54	
Mercury	SW-846; 7471A	ND	mg/Kg	0.0376	TDJ	08/08/2007 / 14:17	
Nickel	6010B, SW-846	23.5	mg/Kg	4.37	PJS	08/28/2007 / 16:54	
Vanadium	6010B, SW-846	14.4	mg/Kg	5.46	PJS	08/28/2007 / 16:54	
Selenium	6010B, SW-846	11.9	mg/Kg	8.74	PJS	08/28/2007 / 16:54	
Potassium	6010B, SW-846	1230	mg/Kg	164	PJS	08/28/2007 / 16:54	
Silver	6010B, SW-846	1.30	mg/Kg	0.55	PJS	08/28/2007 / 16:54	
Sodium	6010B, SW-846	ND	mg/Kg	164	PJS	08/28/2007 / 16:54	
Thallium	6010B, SW-846	14.1	mg/Kg	4.41	PJS	08/23/2007 / 16:54	RL3
Zinc	6010B, SW-846	46.5	mg/Kg	21.9	PJS	08/28/2007 / 16:54	RL3
Percent Solids	SM 2540G	88.0	%		TLL	08/08/2007 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.59	G		ADW	08/13/2007 / 17:59	
Flame/ICP Solid Digestion	EPA 3050B	96.1538			TLL	08/08/2007 / 14:45	

Sample: 004 B-11 (12-15')
Collection Date: 08/03/2007 **Time:** 3:10:00PM **Received Date:** 08/07/2007 **Time:** 9:30:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							

Sample: 004 B-11 (12-15')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Chloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Bromomethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Chloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Acetone	EPA 8260B	31	ug/Kg	49	NAC	08/16/2007 / 13:37	J,B
Methylene Chloride	EPA 8260B	15	ug/Kg	39	NAC	08/16/2007 / 13:37	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	49	NAC	08/16/2007 / 13:37	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Chloroform	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Benzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	49	NAC	08/16/2007 / 13:37	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Toluene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
2-Hexanone	EPA 8260B	ND	ug/Kg	49	NAC	08/16/2007 / 13:37	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	NAC	08/16/2007 / 13:37	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
Styrene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	

Sample: 004 B-11 (12-15')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromoform	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 13:37	
DIBROMOFLUOROMETHANE (SURR)		112	%		NAC	08/16/2007 / 13:37	
TOLUENE-D8 (SURROGATE)		104	%		NAC	08/16/2007 / 13:37	
4-BROMOFLUOROBENZENE (SURR)		103	%		NAC	08/16/2007 / 13:37	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Phenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Hexachloroethane	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	410	MVP	08/20/2007 / 22:06	
Nitrobenzene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Isophorone	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Naphthalene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
4-Chloroanaline	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	

Sample: 004 B-11 (12-15')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthylene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Acenaphthene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Dibenzofuran	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Fluorene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Phenanthrene	EPA 8270C	75	ug/Kg	210	MVP	08/20/2007 / 22:06	J
Anthracene	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Fluoranthene	EPA 8270C	210	ug/Kg	210	MVP	08/20/2007 / 22:06	
Pyrene	EPA 8270C	180	ug/Kg	210	MVP	08/20/2007 / 22:06	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Benzo(a)anthracene	EPA 8270C	170	ug/Kg	210	MVP	08/20/2007 / 22:06	J
Chrysene	EPA 8270C	220	ug/Kg	210	MVP	08/20/2007 / 22:06	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	210	MVP	08/20/2007 / 22:06	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	290	ug/Kg	210	MVP	08/20/2007 / 22:06	
Benzo(b)fluoranthene	EPA 8270C	390	ug/Kg	210	MVP	08/20/2007 / 22:06	
Benzo(k)fluoranthene	EPA 8270C	300	ug/Kg	210	MVP	08/20/2007 / 22:06	
Benzo(a)pyrene	EPA 8270C	340	ug/Kg	210	MVP	08/20/2007 / 22:06	
Dibenzo(a,h)Anthracene	EPA 8270C	82	ug/Kg	210	MVP	08/20/2007 / 22:06	J

Sample: 004 B-11 (12-15')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo (g,h,i) perylene	EPA 8270C	280	ug/Kg	210	MVP	08/20/2007 / 22:06	
2-FLUOROPHENOL (SURR)		75.7	%		MVP	08/20/2007 / 22:06	
PHENOL-D5 (SURR)		77.2	%		MVP	08/20/2007 / 22:06	
NITROBENZENE-D5 (SURR)		81.2	%		MVP	08/20/2007 / 22:06	
2-FLUOROBIPHENYL (SURR)		80.8	%		MVP	08/20/2007 / 22:06	
2,4,6-TRIBROMOPHENOL (SURR)		96.9	%		MVP	08/20/2007 / 22:06	
TERPHENYL-D14 (SURR)		87.3	%		MVP	08/20/2007 / 22:06	
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
beta-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
delta-BHC	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Heptachlor	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Aldrin	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Dieldrin	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Endrin	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.1	MVP	08/20/2007 / 13:00	
Endrin Ketone	EPA 8081A	ND	ug/Kg	41	MVP	08/20/2007 / 13:00	
Chlordane	EPA 8081A	ND	ug/Kg	41	MVP	08/20/2007 / 13:00	
Toxaphene		100	%		MVP	08/20/2007 / 13:00	G3
TCMX (SURROGATE)		102	%		MVP	08/20/2007 / 13:00	
DCB (SURROGATE)							
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	
PCB-1221	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	
PCB-1232	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 004 B-11 (12-15')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1242	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	
PCB-1248	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	
PCB-1254	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	
PCB-1260	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	
PCB-1262	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	
PCB-1268	EPA 8082	ND	ug/Kg	41	MVP	08/14/2007 / 12:22	
TCMX (SURROGATE)		79.4	%		MVP	08/14/2007 / 12:22	
DCB (SURROGATE)		91.2	%		MVP	08/14/2007 / 12:22	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.76	PJS	08/28/2007 / 16:54	RL3
Aluminum	6010B, SW-846	15700	mg/Kg	23.8	PJS	08/28/2007 / 16:54	
Arsenic	6010B, SW-846	ND	mg/Kg	4.76	PJS	08/29/2007 / 16:54	RL3
Barium	6010B, SW-846	280	mg/Kg	3.6	PJS	08/28/2007 / 16:54	
Beryllium	6010B, SW-846	ND	mg/Kg	0.714	PJS	08/28/2007 / 16:54	RL3
Cadmium	6010B, SW-846	ND	mg/Kg	0.357	PJS	08/28/2007 / 16:54	
Chromium	6010B, SW-846	18.7	mg/Kg	1.19	PJS	08/28/2007 / 16:54	
Calcium	6010B, SW-846	10000	mg/Kg	178	PJS	08/28/2007 / 16:54	
Iron	6010B, SW-846	21900	mg/Kg	11.9	PJS	08/28/2007 / 16:54	
Cobalt	6010B, SW-846	ND	mg/Kg	11.9	PJS	08/28/2007 / 16:54	RL3
Copper	6010B, SW-846	28.4	mg/Kg	5.95	PJS	08/28/2007 / 16:54	
Lead	6010B, SW-846	12.3	mg/Kg	7.14	PJS	08/28/2007 / 16:54	RL3
Magnesium	6010B, SW-846	5050	mg/Kg	143	PJS	08/28/2007 / 16:54	
Manganese	6010B, SW-846	230	mg/Kg	1.78	PJS	08/28/2007 / 16:54	
Mercury	SW-846; 7471A	ND	mg/Kg	0.0417	TDJ	08/08/2007 / 14:17	
Nickel	6010B, SW-846	22.2	mg/Kg	4.76	PJS	08/28/2007 / 16:54	
Vanadium	6010B, SW-846	20.6	mg/Kg	5.95	PJS	08/28/2007 / 16:54	
Selenium	6010B, SW-846	7.76	mg/Kg	4.76	PJS	08/28/2007 / 16:54	RL3
Potassium	6010B, SW-846	1300	mg/Kg	178	PJS	08/28/2007 / 16:54	
Silver	6010B, SW-846	1.9	mg/Kg	1.2	PJS	08/28/2007 / 16:54	RL3
Sodium	6010B, SW-846	ND	mg/Kg	178	PJS	08/28/2007 / 16:54	
Thallium	6010B, SW-846	10.6	mg/Kg	4.81	PJS	08/23/2007 / 16:54	RL3
Zinc	6010B, SW-846	84.1	mg/Kg	11.9	PJS	08/28/2007 / 16:54	RL3
Percent Solids	SM 2540G	79.3	%		TLL	08/08/2007 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.45	G		ADW	08/13/2007 / 17:59	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 004 B-11 (12-15')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Flame/ICP Solid Digestion	EPA 3050B	94.3396			TLL	08/08/2007 / 14:45	

Sample: 005 B-12 (4-8')
Collection Date: 08/02/2007 **Time:** 2:40:00PM **Received Date:** 08/07/2007 **Time:** 9:30:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Chloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Bromomethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Chloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Acetone	EPA 8260B	41	ug/Kg	45	NAC	08/16/2007 / 11:29	J,B
Methylene Chloride	EPA 8260B	39	ug/Kg	36	NAC	08/16/2007 / 11:29	B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	45	NAC	08/16/2007 / 11:29	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Chloroform	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Benzene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	45	NAC	08/16/2007 / 11:29	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Toluene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	

Sample: 005 B-12 (4-8')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Hexanone	EPA 8260B	ND	ug/Kg	45	NAC	08/16/2007 / 11:29	I
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	I
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	I
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	I
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	I
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	NAC	08/16/2007 / 11:29	I
O-XYLENE	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	I
Styrene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	I
Bromoform	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	I
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 11:29	I
DIBROMOFLUOROMETHANE (SURR)		104	%		NAC	08/16/2007 / 11:29	
TOLUENE-D8 (SURROGATE)		96.4	%		NAC	08/16/2007 / 11:29	
4-BROMOFLUOROBENZENE (SURR)		92.2	%		NAC	08/16/2007 / 11:29	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Phenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Hexachloroethane	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	390	MVP	08/21/2007 / 12:06	
Nitrobenzene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Isophorone	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Naphthalene	EPA 8270C	200	ug/Kg	200	MVP	08/21/2007 / 12:06	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	

Sample: 005 B-12 (4-8')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2-Methyl Naphthalene	EPA 8270C	200	ug/Kg	200	MVP	08/21/2007 / 12:06	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Acenaphthylene	EPA 8270C	430	ug/Kg	200	MVP	08/21/2007 / 12:06	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Acenaphthene	EPA 8270C	250	ug/Kg	200	MVP	08/21/2007 / 12:06	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Dibenzofuran	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Fluorene	EPA 8270C	310	ug/Kg	200	MVP	08/21/2007 / 12:06	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Phenanthrene	EPA 8270C	1600	ug/Kg	200	MVP	08/21/2007 / 12:06	
Anthracene	EPA 8270C	810	ug/Kg	200	MVP	08/21/2007 / 12:06	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Fluoranthene	EPA 8270C	2100	ug/Kg	200	MVP	08/21/2007 / 12:06	
Pyrene	EPA 8270C	480	ug/Kg	200	MVP	08/21/2007 / 12:06	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Benzo(a)anthracene	EPA 8270C	1800	ug/Kg	200	MVP	08/21/2007 / 12:06	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 005 B-12 (4-8')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chrysene	EPA 8270C	2400	ug/Kg	200	MVP	08/21/2007 / 12:06	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	200	MVP	08/21/2007 / 12:06	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	1400	ug/Kg	200	MVP	08/21/2007 / 12:06	
Benzo(b)fluoranthene	EPA 8270C	2600	ug/Kg	200	MVP	08/21/2007 / 12:06	
Benzo(k)fluoranthene	EPA 8270C	1800	ug/Kg	200	MVP	08/21/2007 / 12:06	
Benzo(a)pyrene	EPA 8270C	3700	ug/Kg	200	MVP	08/21/2007 / 12:06	
Dibenzo(a,h)Anthracene	EPA 8270C	500	ug/Kg	200	MVP	08/21/2007 / 12:06	
Benzo (g,h,i) perylene	EPA 8270C	2300	ug/Kg	200	MVP	08/21/2007 / 12:06	
2-FLUOROPHENOL (SURR)		66.9	%		MVP	08/21/2007 / 12:06	
PHENOL-D5 (SURR)		69.9	%		MVP	08/21/2007 / 12:06	
NITROBENZENE-D5 (SURR)		73.4	%		MVP	08/21/2007 / 12:06	
2-FLUOROBIPHENYL (SURR)		74.2	%		MVP	08/21/2007 / 12:06	
2,4,6-TRIBROMOPHENOL (SURR)		85.9	%		MVP	08/21/2007 / 12:06	
TERPHENYL-D14 (SURR)		81.9	%		MVP	08/21/2007 / 12:06	
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
beta-BHC	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
delta-BHC	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Heptachlor	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Aldrin	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Dieldrin	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Endrin	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Endosulfan I	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Endosulfan II	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Methoxychlor	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2.0	MVP	08/20/2007 / 9:54	

Sample: 005 B-12 (4-8')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Chlordane	EPA 8081A	ND	ug/Kg	39	MVP	08/20/2007 / 9:54	
Toxaphene	EPA 8081A	ND	ug/Kg	39	MVP	08/20/2007 / 9:54	
TCMX (SURROGATE)		75.3	%		MVP	08/20/2007 / 9:54	
DCB (SURROGATE)		96.9	%		MVP	08/20/2007 / 9:54	
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
PCB-1221	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
PCB-1232	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
PCB-1242	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
PCB-1248	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
PCB-1254	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
PCB-1260	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
PCB-1262	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
PCB-1268	EPA 8082	ND	ug/Kg	39	MVP	08/14/2007 / 12:51	
TCMX (SURROGATE)		72.7	%		MVP	08/14/2007 / 12:51	
DCB (SURROGATE)		93.0	%		MVP	08/14/2007 / 12:51	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.70	PJS	08/28/2007 / 16:54	RL3
Aluminum	6010B, SW-846	4660	mg/Kg	23.5	PJS	08/28/2007 / 16:54	
Arsenic	6010B, SW-846	13.6	mg/Kg	6.32	PJS	08/28/2007 / 16:54	RL3
Barium	6010B, SW-846	67.8	mg/Kg	3.5	PJS	08/28/2007 / 16:54	
Beryllium	6010B, SW-846	ND	mg/Kg	0.705	PJS	08/28/2007 / 16:54	RL3
Cadmium	6010B, SW-846	ND	mg/Kg	0.352	PJS	08/28/2007 / 16:54	
Chromium	6010B, SW-846	11.0	mg/Kg	1.17	PJS	08/28/2007 / 16:54	
Calcium	6010B, SW-846	33300	mg/Kg	176	PJS	08/28/2007 / 16:54	
Iron	6010B, SW-846	17500	mg/Kg	11.7	PJS	08/28/2007 / 16:54	
Cobalt	6010B, SW-846	ND	mg/Kg	11.7	PJS	08/28/2007 / 16:54	RL3
Copper	6010B, SW-846	23.3	mg/Kg	5.87	PJS	08/28/2007 / 16:54	
Lead	6010B, SW-846	52.4	mg/Kg	7.05	PJS	08/28/2007 / 16:54	RL3
Magnesium	6010B, SW-846	4700	mg/Kg	141	PJS	08/28/2007 / 16:54	
Manganese	6010B, SW-846	234	mg/Kg	1.76	PJS	08/28/2007 / 16:54	
Mercury	SW-846; 7471A	0.147	mg/Kg	0.0390	TDJ	08/08/2007 / 14:17	
Nickel	6010B, SW-846	13.3	mg/Kg	4.70	PJS	08/28/2007 / 16:54	
Vanadium	6010B, SW-846	22.0	mg/Kg	5.87	PJS	08/28/2007 / 16:54	

Sample: 005 B-12 (4-8')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Selenium	6010B, SW-846	9.28	mg/Kg	4.70	PJS	08/28/2007 / 16:54	RL3
Potassium	6010B, SW-846	687	mg/Kg	176	PJS	08/28/2007 / 16:54	
Silver	6010B, SW-846	1.24	mg/Kg	0.59	PJS	08/28/2007 / 16:54	
Sodium	6010B, SW-846	ND	mg/Kg	176	PJS	08/28/2007 / 16:54	
Thallium	6010B, SW-846	ND	mg/Kg	4.74	PJS	08/23/2007 / 16:54	RL3
Zinc	6010B, SW-846	34.8	mg/Kg	11.7	PJS	08/28/2007 / 16:54	RL3
Percent Solids	SM 2540G	84.3	%		TLL	08/08/2007 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.34	G		ADW	08/13/2007 / 17:59	
Flame/ICP Solid Digestion	EPA 3050B	99.0099			TLL	08/08/2007 / 14:45	

Sample: 006 B-12 (8-9')
Collection Date: 08/02/2007 **Time:** 2:20:00PM **Received Date:** 08/07/2007 **Time:** 9:30:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Chloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Bromomethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Chloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Acetone	EPA 8260B	ND	ug/Kg	44	NAC	08/16/2007 / 12:00	
Methylene Chloride	EPA 8260B	41	ug/Kg	36	NAC	08/16/2007 / 12:00	B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	44	NAC	08/16/2007 / 12:00	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Chloroform	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Benzene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	

Sample: 006 B-12 (8-9')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	44	NAC	08/16/2007 / 12:00	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Toluene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
2-Hexanone	EPA 8260B	ND	ug/Kg	44	NAC	08/16/2007 / 12:00	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
M & P XYLENE	EPA 8260B	ND	ug/Kg	18	NAC	08/16/2007 / 12:00	
O-XYLENE	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Styrene	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
Bromoform	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/16/2007 / 12:00	
DIBROMOFLUOROMETHANE (SURR)		117	%		NAC	08/16/2007 / 12:00	GX
TOLUENE-D8 (SURROGATE)		102	%		NAC	08/16/2007 / 12:00	
4-BROMOFLUOROBENZENE (SURR)		96.6	%		NAC	08/16/2007 / 12:00	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	370	MVP	08/20/2007 / 21:37	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	

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Sample: 006 B-12 (8-9')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Isophorone	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Naphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Fluorene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	

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Sample: 006 B-12 (8-9')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Phenanthrene	EPA 8270C	64	ug/Kg	190	MVP	08/20/2007 / 21:37	J
Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Fluoranthene	EPA 8270C	55	ug/Kg	190	MVP	08/20/2007 / 21:37	J
Pyrene	EPA 8270C	120	ug/Kg	190	MVP	08/20/2007 / 21:37	J
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Chrysene	EPA 8270C	50	ug/Kg	190	MVP	08/20/2007 / 21:37	J
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Benzo(a)pyrene	EPA 8270C	43	ug/Kg	190	MVP	08/20/2007 / 21:37	J
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 21:37	
Benzo (g,h,i) perylene	EPA 8270C	45	ug/Kg	190	MVP	08/20/2007 / 21:37	J
2-FLUOROPHENOL (SURR)		66.6	%		MVP	08/20/2007 / 21:37	
PHENOL-D5 (SURR)		68.2	%		MVP	08/20/2007 / 21:37	
NITROBENZENE-D5 (SURR)		70.8	%		MVP	08/20/2007 / 21:37	
2-FLUOROBIPHENYL (SURR)		74.1	%		MVP	08/20/2007 / 21:37	
2,4,6-TRIBROMOPHENOL (SURR)		83.1	%		MVP	08/20/2007 / 21:37	
TERPHENYL-D14 (SURR)		82.9	%		MVP	08/20/2007 / 21:37	
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
beta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
delta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Heptachlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Aldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Dieldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Endrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	

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Sample: 006 B-12 (8-9')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4,4'-DDE	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
4,4'-DDT	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 17:00	
Chlordane	EPA 8081A	ND	ug/Kg	37	MVP	08/20/2007 / 17:00	
Toxaphene	EPA 8081A	ND	ug/Kg	37	MVP	08/20/2007 / 17:00	
TCMX (SURROGATE)		87.5	%		MVP	08/20/2007 / 17:00	
DCB (SURROGATE)		112	%		MVP	08/20/2007 / 17:00	G3
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
PCB-1221	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
PCB-1232	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
PCB-1242	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
PCB-1248	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
PCB-1254	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
PCB-1260	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
PCB-1262	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
PCB-1268	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:20	
TCMX (SURROGATE)		75.6	%		MVP	08/14/2007 / 13:20	
DCB (SURROGATE)		101	%		MVP	08/14/2007 / 13:20	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	4.19	PJS	08/28/2007 / 16:54	RL3
Aluminum	6010B, SW-846	6590	mg/Kg	21.0	PJS	08/28/2007 / 16:54	
Arsenic	6010B, SW-846	11.1	mg/Kg	5.64	PJS	08/28/2007 / 16:54	RL3
Barium	6010B, SW-846	82.4	mg/Kg	3.1	PJS	08/28/2007 / 16:54	
Beryllium	6010B, SW-846	ND	mg/Kg	0.629	PJS	08/28/2007 / 16:54	RL3
Cadmium	6010B, SW-846	ND	mg/Kg	0.315	PJS	08/28/2007 / 16:54	
Chromium	6010B, SW-846	9.71	mg/Kg	1.05	PJS	08/28/2007 / 16:54	
Calcium	6010B, SW-846	35700	mg/Kg	157	PJS	08/28/2007 / 16:54	
Iron	6010B, SW-846	16500	mg/Kg	10.5	PJS	08/28/2007 / 16:54	

Sample: 006 B-12 (8-9')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Cobalt	6010B, SW-846	ND	mg/Kg	10.5	PJS	08/28/2007 / 16:54	RL3
Copper	6010B, SW-846	23.7	mg/Kg	5.24	PJS	08/28/2007 / 16:54	
Lead	6010B, SW-846	10.8	mg/Kg	6.29	PJS	08/28/2007 / 16:54	RL3
Magnesium	6010B, SW-846	7770	mg/Kg	126	PJS	08/28/2007 / 16:54	
Manganese	6010B, SW-846	362	mg/Kg	1.57	PJS	08/28/2007 / 16:54	
Mercury	SW-846; 7471A	0.0403	mg/Kg	0.0377	TDJ	08/08/2007 / 14:17	
Nickel	6010B, SW-846	15.6	mg/Kg	4.19	PJS	08/28/2007 / 16:54	
Vanadium	6010B, SW-846	10.6	mg/Kg	5.24	PJS	08/28/2007 / 16:54	
Selenium	6010B, SW-846	6.84	mg/Kg	4.19	PJS	08/28/2007 / 16:54	RL3
Potassium	6010B, SW-846	912	mg/Kg	157	PJS	08/28/2007 / 16:54	
Silver	6010B, SW-846	1.4	mg/Kg	1.0	PJS	08/28/2007 / 16:54	RL3
Sodium	6010B, SW-846	ND	mg/Kg	157	PJS	08/28/2007 / 16:54	
Thallium	6010B, SW-846	6.33	mg/Kg	4.24	PJS	08/23/2007 / 16:54	RL3
Zinc	6010B, SW-846	42.1	mg/Kg	10.5	PJS	08/28/2007 / 16:54	RL3
Percent Solids	SM 2540G	88.3	%		TLL	08/08/2007 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.43	G		ADW	08/13/2007 / 17:59	
Flame/ICP Solid Digestion	EPA 3050B	92.5926			TLL	08/08/2007 / 14:45	

Sample: 007 B-10-SS-01 (6-19")
Collection Date: 08/03/2007 **Time:** 1:30:00PM
Matrix: SOIL

Received Date: 08/07/2007 **Time:** 9:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Chloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Bromomethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Chloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Acetone	EPA 8260B	33	ug/Kg	50	NAC	08/16/2007 / 14:10	J,B,I
Methylene Chloride	EPA 8260B	120	ug/Kg	40	NAC	08/16/2007 / 14:10	B,I
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I

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Sample: 007 B-10-SS-01 (6-19")
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	50	NAC	08/16/2007 / 14:10	I
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Carbon Disulfide	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Chloroform	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Benzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	50	NAC	08/16/2007 / 14:10	I
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Toluene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
2-Hexanone	EPA 8260B	ND	ug/Kg	50	NAC	08/16/2007 / 14:10	I
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
M & P XYLENE	EPA 8260B	ND	ug/Kg	20	NAC	08/16/2007 / 14:10	I
O-XYLENE	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Styrene	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
Bromoform	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/16/2007 / 14:10	I
DIBROMOFLUOROMETHANE (SURR)		130	%		NAC	08/16/2007 / 14:10	GX
TOLUENE-D8 (SURROGATE)		97.3	%		NAC	08/16/2007 / 14:10	
4-BROMOFLUOROBENZENE (SURR)		59.6	%		NAC	08/16/2007 / 14:10	GX
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 007 B-10-SS-01 (6-19")
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	370	MVP	08/20/2007 / 23:36	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Isophorone	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Naphthalene	EPA 8270C	44	ug/Kg	190	MVP	08/20/2007 / 23:36	J
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2-Methyl Naphthalene	EPA 8270C	40	ug/Kg	190	MVP	08/20/2007 / 23:36	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Acenaphthylene	EPA 8270C	40	ug/Kg	190	MVP	08/20/2007 / 23:36	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Dibenzofuran	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Fluorene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 007 B-10-SS-01 (6-19")
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Phenanthrene	EPA 8270C	300	ug/Kg	190	MVP	08/20/2007 / 23:36	
Anthracene	EPA 8270C	68	ug/Kg	190	MVP	08/20/2007 / 23:36	J
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Fluoranthene	EPA 8270C	540	ug/Kg	190	MVP	08/20/2007 / 23:36	
Pyrene	EPA 8270C	430	ug/Kg	190	MVP	08/20/2007 / 23:36	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Benzo(a)anthracene	EPA 8270C	230	ug/Kg	190	MVP	08/20/2007 / 23:36	
Chrysene	EPA 8270C	300	ug/Kg	190	MVP	08/20/2007 / 23:36	
bis(2-Ethylhexyl)phthalate	EPA 8270C	120	ug/Kg	190	MVP	08/20/2007 / 23:36	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/20/2007 / 23:36	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	200	ug/Kg	190	MVP	08/20/2007 / 23:36	
Benzo(b)fluoranthene	EPA 8270C	350	ug/Kg	190	MVP	08/20/2007 / 23:36	
Benzo(k)fluoranthene	EPA 8270C	280	ug/Kg	190	MVP	08/20/2007 / 23:36	
Benzo(a)pyrene	EPA 8270C	260	ug/Kg	190	MVP	08/20/2007 / 23:36	
Dibenzo(a,h)Anthracene	EPA 8270C	62	ug/Kg	190	MVP	08/20/2007 / 23:36	J
Benzo (g,h,i) perylene	EPA 8270C	220	ug/Kg	190	MVP	08/20/2007 / 23:36	
2-FLUOROPHENOL (SURR)		39.9	%		MVP	08/20/2007 / 23:36	
PHENOL-D5 (SURR)		42.4	%		MVP	08/20/2007 / 23:36	
NITROBENZENE-D5 (SURR)		74.1	%		MVP	08/20/2007 / 23:36	
2-FLUOROBIPHENYL (SURR)		73.7	%		MVP	08/20/2007 / 23:36	
2,4,6-TRIBROMOPHENOL (SURR)		56.9	%		MVP	08/20/2007 / 23:36	
TERPHENYL-D14 (SURR)		78.2	%		MVP	08/20/2007 / 23:36	
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
beta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 007 B-10-SS-01 (6-19")
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
delta-BHC	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Heptachlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Aldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Dieldrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endrin	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDD	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDE	EPA 8081A	2.8	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
4,4'-DDT	EPA 8081A	7.0	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan I	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan II	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Methoxychlor	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Endrin Ketone	EPA 8081A	ND	ug/Kg	1.9	MVP	08/20/2007 / 9:54	
Chlordane	EPA 8081A	ND	ug/Kg	37	MVP	08/20/2007 / 9:54	
Toxaphene	EPA 8081A	ND	ug/Kg	37	MVP	08/20/2007 / 9:54	
TCMX (SURROGATE)		67.4	%		MVP	08/20/2007 / 9:54	
DCB (SURROGATE)		113	%		MVP	08/20/2007 / 9:54	G2
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
PCB-1221	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
PCB-1232	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
PCB-1242	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
PCB-1248	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
PCB-1254	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
PCB-1260	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
PCB-1262	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
PCB-1268	EPA 8082	ND	ug/Kg	37	MVP	08/14/2007 / 13:49	
TCMX (SURROGATE)		72.3	%		MVP	08/14/2007 / 13:49	
DCB (SURROGATE)		94.8	%		MVP	08/14/2007 / 13:49	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	6.23	PJS	08/28/2007 / 16:54	RL3,M

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 007 B-10-SS-01 (6-19")
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aluminum	6010B, SW-846	4820	mg/Kg	20.8	PJS	08/28/2007 / 16:54	MHA
Arsenic	6010B, SW-846	24.0	mg/Kg	16.8	PJS	08/28/2007 / 16:54	
Barium	6010B, SW-846	71.8	mg/Kg	3.1	PJS	08/28/2007 / 16:54	
Beryllium	6010B, SW-846	ND	mg/Kg	0.934	PJS	08/28/2007 / 16:54	
Cadmium	6010B, SW-846	0.640	mg/Kg	0.311	PJS	08/28/2007 / 16:54	
Chromium	6010B, SW-846	15.2	mg/Kg	1.04	PJS	08/28/2007 / 16:54	
Calcium	6010B, SW-846	4790	mg/Kg	156	PJS	08/28/2007 / 16:54	
Iron	6010B, SW-846	23400	mg/Kg	10.4	PJS	08/28/2007 / 16:54	MHA
Cobalt	6010B, SW-846	ND	mg/Kg	15.6	PJS	08/28/2007 / 16:54	
Copper	6010B, SW-846	92.4	mg/Kg	5.19	PJS	08/28/2007 / 16:54	MHA
Lead	6010B, SW-846	139	mg/Kg	9.34	PJS	08/28/2007 / 16:54	RL3,M
Magnesium	6010B, SW-846	1250	mg/Kg	125	PJS	08/28/2007 / 16:54	
Manganese	6010B, SW-846	401	mg/Kg	1.56	PJS	08/28/2007 / 16:54	MHA
Mercury	SW-846; 7471A	0.0728	mg/Kg	0.0383	TDJ	08/08/2007 / 14:17	
Nickel	6010B, SW-846	21.4	mg/Kg	4.15	PJS	08/28/2007 / 16:54	
Vanadium	6010B, SW-846	16.0	mg/Kg	5.19	PJS	08/28/2007 / 16:54	
Selenium	6010B, SW-846	12.3	mg/Kg	6.23	PJS	08/28/2007 / 16:54	
Potassium	6010B, SW-846	713	mg/Kg	156	PJS	08/28/2007 / 16:54	
Silver	6010B, SW-846	2.2	mg/Kg	1.6	PJS	08/28/2007 / 16:54	
Sodium	6010B, SW-846	ND	mg/Kg	156	PJS	08/28/2007 / 16:54	
Thallium	6010B, SW-846	9.36	mg/Kg	4.19	PJS	08/23/2007 / 16:54	
Zinc	6010B, SW-846	60.6	mg/Kg	15.6	PJS	08/28/2007 / 16:54	RL3,M
Percent Solids	SM 2540G	89.2	%		TLL	08/08/2007 / 7:29	
PCB OIL/SOIL EXTRACTIONS		30.13	G		ADW	08/13/2007 / 17:59	
Flame/ICP Solid Digestion	EPA 3050B	92.5926			TLL	08/08/2007 / 14:45	

Sample: 008 B-10-SS-02 (7-24")
Collection Date: 08/03/2007 **Time:** 1:30:00PM
Matrix: SOIL

Received Date: 08/07/2007 **Time:** 9:30:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	47.1	PJS	08/28/2007 / 16:54	RL3
Aluminum	6010B, SW-846	5000	mg/Kg	23.6	PJS	08/28/2007 / 16:54	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

Sample: 008 B-10-SS-02 (7-24")
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Arsenic	6010B, SW-846	ND	mg/Kg	47.1	PJS	08/28/2007 / 16:54	RL3
Barium	6010B, SW-846	101	mg/Kg	3.5	PJS	08/28/2007 / 16:54	
Beryllium	6010B, SW-846	ND	mg/Kg	7.07	PJS	08/28/2007 / 16:54	RL3
Cadmium	6010B, SW-846	4.67	mg/Kg	0.353	PJS	08/28/2007 / 16:54	
Chromium	6010B, SW-846	198	mg/Kg	1.18	PJS	08/28/2007 / 16:54	
Calcium	6010B, SW-846	15100	mg/Kg	177	PJS	08/28/2007 / 16:54	
Iron	6010B, SW-846	133000	mg/Kg	118	PJS	08/28/2007 / 16:54	
Cobalt	6010B, SW-846	ND	mg/Kg	118	PJS	08/28/2007 / 16:54	RL3
Copper	6010B, SW-846	508	mg/Kg	5.89	PJS	08/28/2007 / 16:54	
Lead	6010B, SW-846	1090	mg/Kg	70.7	PJS	08/28/2007 / 16:54	RL3
Magnesium	6010B, SW-846	2690	mg/Kg	141	PJS	08/28/2007 / 16:54	
Manganese	6010B, SW-846	931	mg/Kg	1.77	PJS	08/28/2007 / 16:54	
Mercury	SW-846; 7471A	0.108	mg/Kg	0.0305	TDJ	08/08/2007 / 14:17	
Nickel	6010B, SW-846	636	mg/Kg	4.71	PJS	08/28/2007 / 16:54	
Vanadium	6010B, SW-846	22.9	mg/Kg	5.89	PJS	08/28/2007 / 16:54	
Selenium	6010B, SW-846	ND	mg/Kg	47.1	PJS	08/28/2007 / 16:54	RL3
Potassium	6010B, SW-846	648	mg/Kg	177	PJS	08/28/2007 / 16:54	
Silver	6010B, SW-846	12	mg/Kg	12	PJS	08/28/2007 / 16:54	RL3
Sodium	6010B, SW-846	ND	mg/Kg	177	PJS	08/28/2007 / 16:54	
Thallium	6010B, SW-846	ND	mg/Kg	47.1	PJS	08/28/2007 / 16:54	RL3
Zinc	6010B, SW-846	437	mg/Kg	118	PJS	08/28/2007 / 16:54	RL3
Flame/ICP Solid Digestion	EPA 3050B	81.3008			TLL	08/08/2007 / 14:45	
Percent Solids	SM 2540G	69.0	%		TLL	08/08/2007 / 7:29	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00048

B	Analyte was detected in the associated Method Blank.
G2	Surrogate recovery was above acceptance limits.
G3	Surrogate recovery was above the acceptance limits. Data not impacted.
GX	Due to sample matrix effects, the surrogate recovery was outside acceptance limits.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
J	Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
M4	The sample required a dilution due to matrix interference. Because of this dilution, the matrix spike concentrations in the sample were reduced to a level where the recovery calculation does not provide useful information, See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
RL3	Reporting limit raised due to high concentrations of non-target analytes.

To the best of my knowledge this report is true and accurate.

Authorized By: Nicole Cortese Date: 8/30/07

Nicole Cortese, Environmental Laboratory Manager

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

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SCILAB JOB NO: 0708-048

PAGE 1 OF 1

DUE DATE: ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY ☒ 10 DAY

TEMP UPON RECEIPT: 5.0°C

DATA PACKAGE: ASP Appendix B

P.O.# 05523

COMPANY: Eisenbach + Ruhnke Engineering, PC

ADDRESS: 291 Genesee Street, Utica, NY 13413

PHONE: (315) 735-1916 FAX 1: (315) 735-6365 FAX 2:

CLIENT CONTACT: Mark Ruhnke EMAIL: mruhnke@erengpc.com

PROJECT NAME: Kaplan's PROJECT NUMBER: 05523 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	TIME	TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	TCL VOC's	TCL SVOC's	PCBs / Aroclors TCL	Pesticides TCL	TAL Metals	Notes:
1	B-8 (10-12')	S		G	2	8/2	12:20	MPR	G			X	X	X	X	X	
2	B-9 (10-12')	"		"	2	8/2	4:30	"	"			X	X	X	X	X	
3	B-10 (8-9.5')				2	8/3	10:00					X	X	X	X	X	
4	B-11 (12-15')				2	8/3	3:10					X	X	X	X	X	
5	B-12 (4-8')				2	8/2	2:40					X	X	X	X	X	
6	B-12 (8-9')				2	8/2	2:20					X	X	X	X	X	
7	B-10-SS-01 (16-19")				2	8/3	1:30					X	X	X	X	X	
8	B-10-SS-02 (7-24")	↓		↓	2	8/3	1:30	↓	↓							X	

SAMPLED BY: (PRINT) Mark Ruhnke	DATE 8/3/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 3:00 PM	(SIGN)	TIME:
RELINQUISHED BY: (PRINT) MARK RUHNKE	DATE: 8/6/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 11:00 AM	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: Nicole Cortese	DATE: 8/7/07
(SIGN)	TIME:	(SIGN)	TIME: 9:30

From: Origin ID: UCAA (315)735-1916
Susan Beadle
EISENBACH & RUHNKE ENG., P.C
291 GENESEE ST

UTICA, NY 13501

FedEx Express

Ship Date: 06AUG07
ActWgt: 40 LB
System#: 5901978/INET2600
Account#: S *********

Delivery Address Bar Code

SHIP TO: (888)724-5221 BILL SENDER
Mr. Mark Porta
AmeriSci Boston
8 School Street

Weymouth, MA 02189

Ref # 05523
Invoice #
PO #
Dept #

TRK# 0201 7917 3567 3124

TUE - 07AUG A2
PRIORITY OVERNIGHT

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ZB-XPUA

Shipping Label: Your shipment is complete

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AmeriSci Boston

SCI-SOP-1003
Sample Receiving Form

CLIENT: Eisenbach + Rohnke	WORKORDER: 0708-048
CLIENTS JOB: 05523	RECEIVED BY: NC
RECEIVED DATE: 8/7/07	SHIPPING METHOD: FED Ex
TEMP UPON RECEIPT: 5.0 °C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.	X		
Were Chain of Custody Forms included with the samples?	X		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	X		
Were all containers received in good condition (Check for breakage/ leaks)?	X		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	X		
Were the correct containers used for the tests indicated?	X		
Were proper preservation techniques indicated?	X		
Were samples received within holding times? If "NO" nonconformance form is required.	X		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.			X
Were samples in direct contact with wet ice? If "NO" check one: Blue Ice No Ice	X		
Is sample temperature recorded ? If "NO" check one: Unable to record Temp taken near samples	X		
Were pHs of samples checked and recorded on the COC forms?			X
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in specified sections below.		X	
Subcontractor: Date Sent Out:			
Analyses Sent:			

Login Technician MP	Login Review:
Comments:	

Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Mark Ruhnke
Eisenbach & Ruhnke Engineering

AmeriSci Job# 0708-00103
Subject: KAPLAN'S

Fax # 315-735-6365
jfrisbee@erengpc.com
Email: mruhnke@erengpc.com

Date: Monday, September 10, 2007

Time: 6:28:23PM

Comments:

This report consists of 73 pages, including:

Cover Page (Facsimile Telecopy Transmission)	1	pages
Laboratory Report	67	pages
Chain of Custody Record	3	pages
Air bill	1	pages
Sample Receiving Form	1	pages
Miscellaneous	0	pages

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 00/00/0000
Workorder No. 0708-00103

Customer: Eisenbach & Ruhnke Engineering
291 Genesee Street
Utica, NY 13501

Attention: Mr. Mark Ruhnke
Subject: KAPLAN'S

Sample: 001 PCB-01
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 23:00	
PCB-1221	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 23:00	
PCB-1232	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 23:00	
PCB-1242	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 23:00	
PCB-1248	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 23:00	
PCB-1254	EPA 8082	1200	ug/Kg	350	NAC	08/23/2007 / 23:00	
PCB-1260	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 23:00	
PCB-1262	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 23:00	
PCB-1268	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 23:00	
TCMX (SURROGATE)		89.6	%		NAC	08/23/2007 / 23:00	
DCB (SURROGATE)		105	%		NAC	08/23/2007 / 23:00	
PCB OIL/SOIL EXTRACTIONS		30.09	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	95.7	%		TLL	08/14/2007 / 7:24	

Sample: 002 PCB-02
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	
PCB-1221	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	
PCB-1232	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	
PCB-1242	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 002 PCB-02
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1248	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	
PCB-1254	EPA 8082	15000	ug/Kg	1800	NAC	08/23/2007 / 12:00	
PCB-1260	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	
PCB-1262	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	
PCB-1268	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	
TCMX (SURROGATE)		91.8	%		NAC	08/23/2007 / 12:00	
DCB (SURROGATE)		117	%		NAC	08/23/2007 / 12:00	
PCB OIL/SOIL EXTRACTIONS		30.12	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	92.9	%		TLL	08/14/2007 / 7:24	

Sample: 003 PCB-03
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1221	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1232	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1242	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1248	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1254	EPA 8082	1700	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1260	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1262	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1268	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
TCMX (SURROGATE)		82.3	%		NAC	08/23/2007 / 14:29	
DCB (SURROGATE)		98.1	%		NAC	08/23/2007 / 14:29	
PCB OIL/SOIL EXTRACTIONS		30.15	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	95.8	%		TLL	08/14/2007 / 7:24	

Sample: 004 PCB-04
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Sample: 004 PCB-04
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	340	NAC	08/23/2007 / 14:29	
PCB-1221	EPA 8082	ND	ug/Kg	340	NAC	08/23/2007 / 14:29	
PCB-1232	EPA 8082	ND	ug/Kg	340	NAC	08/23/2007 / 14:29	
PCB-1242	EPA 8082	ND	ug/Kg	340	NAC	08/23/2007 / 14:29	
PCB-1248	EPA 8082	ND	ug/Kg	340	NAC	08/23/2007 / 14:29	
PCB-1254	EPA 8082	1700	ug/Kg	340	NAC	08/23/2007 / 14:29	
PCB-1260	EPA 8082	970	ug/Kg	340	NAC	08/23/2007 / 14:29	
PCB-1262	EPA 8082	ND	ug/Kg	340	NAC	08/23/2007 / 14:29	
PCB-1268	EPA 8082	ND	ug/Kg	340	NAC	08/23/2007 / 14:29	
TCMX (SURROGATE)		85.9	%		NAC	08/23/2007 / 14:29	
DCB (SURROGATE)		90.0	%		NAC	08/23/2007 / 14:29	
PCB OIL/SOIL EXTRACTIONS		30.30	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	95.9	%		TLL	08/14/2007 / 7:24	

Sample: 005 PSB-05
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 15:00	
PCB-1221	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 15:00	
PCB-1232	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 15:00	
PCB-1242	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 15:00	
PCB-1248	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 15:00	
PCB-1254	EPA 8082	2500	ug/Kg	350	NAC	08/23/2007 / 15:00	
PCB-1260	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 15:00	
PCB-1262	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 15:00	
PCB-1268	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 15:00	
TCMX (SURROGATE)		90.5	%		NAC	08/23/2007 / 15:00	
DCB (SURROGATE)		131	%		NAC	08/23/2007 / 15:00	
PCB OIL/SOIL EXTRACTIONS		30.25	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	93.4	%		TLL	08/14/2007 / 7:24	

Sample: 006 PCB-06
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 14:29	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 14:29	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 14:29	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 14:29	
PCB-1248	EPA 8082	420	ug/Kg	40	NAC	08/23/2007 / 14:29	
PCB-1254	EPA 8082	420	ug/Kg	40	NAC	08/23/2007 / 14:29	
PCB-1260	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 14:29	
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 14:29	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 14:29	
TCMX (SURROGATE)		80.7	%		NAC	08/23/2007 / 14:29	
DCB (SURROGATE)		101	%		NAC	08/23/2007 / 14:29	
PCB OIL/SOIL EXTRACTIONS		30.36	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	83.2	%		TLL	08/14/2007 / 7:24	

Sample: 007 PCB-07
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	760	NAC	08/23/2007 / 12:41	
PCB-1221	EPA 8082	ND	ug/Kg	760	NAC	08/23/2007 / 12:41	
PCB-1232	EPA 8082	ND	ug/Kg	760	NAC	08/23/2007 / 12:41	
PCB-1242	EPA 8082	ND	ug/Kg	760	NAC	08/23/2007 / 12:41	
PCB-1248	EPA 8082	3900	ug/Kg	760	NAC	08/23/2007 / 12:41	
PCB-1254	EPA 8082	4000	ug/Kg	760	NAC	08/23/2007 / 12:41	R10
PCB-1260	EPA 8082	ND	ug/Kg	760	NAC	08/23/2007 / 12:41	
PCB-1262	EPA 8082	ND	ug/Kg	760	NAC	08/23/2007 / 12:41	
PCB-1268	EPA 8082	ND	ug/Kg	760	NAC	08/23/2007 / 12:41	
TCMX (SURROGATE)		48.6	%		NAC	08/23/2007 / 12:41	
DCB (SURROGATE)		123	%		NAC	08/23/2007 / 12:41	

Sample: 007 PCB-07
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB OIL/SOIL EXTRACTIONS		30.44	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	86.8	%		TLL	08/14/2007 / 7:24	

Sample: 008 PCB-08
Collection Date: 08/08/2007
Matrix: SOIL
Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	1900	NAC	08/23/2007 / 12:19	
PCB-1221	EPA 8082	ND	ug/Kg	1900	NAC	08/23/2007 / 12:19	
PCB-1232	EPA 8082	ND	ug/Kg	1900	NAC	08/23/2007 / 12:19	
PCB-1242	EPA 8082	ND	ug/Kg	1900	NAC	08/23/2007 / 12:19	
PCB-1248	EPA 8082	6400	ug/Kg	1900	NAC	08/23/2007 / 12:19	
PCB-1254	EPA 8082	6300	ug/Kg	1900	NAC	08/23/2007 / 12:19	
PCB-1260	EPA 8082	3300	ug/Kg	1900	NAC	08/23/2007 / 12:19	
PCB-1262	EPA 8082	ND	ug/Kg	1900	NAC	08/23/2007 / 12:19	
PCB-1268	EPA 8082	ND	ug/Kg	1900	NAC	08/23/2007 / 12:19	
TCMX (SURROGATE)		47.7	%		NAC	08/23/2007 / 12:19	
DCB (SURROGATE)		108	%		NAC	08/23/2007 / 12:19	
PCB OIL/SOIL EXTRACTIONS		30.53	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	88.3	%		TLL	08/14/2007 / 7:24	

Sample: 009 PCB-09
Collection Date: 08/08/2007
Matrix: SOIL
Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1221	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1232	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1242	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1248	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	

Sample: 009 PCB-09
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1254	EPA 8082	340000	ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1260	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1262	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1268	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	
TCMX (SURROGATE)			%		NAC	08/23/2007 / :10	G
DCB (SURROGATE)			%		NAC	08/23/2007 / :10	G
PCB OIL/SOIL EXTRACTIONS		30.57	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	83.9	%		TLL	08/14/2007 / 7:24	

Sample: 010 PCB-10
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007 / 13:00	
PCB-1221	EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007 / 13:00	
PCB-1232	EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007 / 13:00	
PCB-1242	EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007 / 13:00	
PCB-1248	EPA 8082	23000	ug/Kg	4000	NAC	09/05/2007 / 13:00	
PCB-1254	EPA 8082	33000	ug/Kg	4000	NAC	09/05/2007 / 13:00	
PCB-1260	EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007 / 13:00	
PCB-1262	EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007 / 13:00	
PCB-1268	EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007 / 13:00	
TCMX (SURROGATE)			%		NAC	09/05/2007 / 13:00	G
DCB (SURROGATE)			%		NAC	09/05/2007 / 13:00	G
PCB OIL/SOIL EXTRACTIONS		30.42	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	81.7	%		TLL	08/14/2007 / 7:24	

Sample: 011 PCB-12
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual

Sample: 011 PCB-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	3800	NAC	08/23/2007 / 14:29	
PCB-1221	EPA 8082	ND	ug/Kg	3800	NAC	08/23/2007 / 14:29	
PCB-1232	EPA 8082	ND	ug/Kg	3800	NAC	08/23/2007 / 14:29	
PCB-1242	EPA 8082	ND	ug/Kg	3800	NAC	08/23/2007 / 14:29	
PCB-1248	EPA 8082	ND	ug/Kg	3800	NAC	08/23/2007 / 14:29	
PCB-1254	EPA 8082	15000	ug/Kg	3800	NAC	08/23/2007 / 14:29	
PCB-1260	EPA 8082	ND	ug/Kg	3800	NAC	08/23/2007 / 14:29	
PCB-1262	EPA 8082	ND	ug/Kg	3800	NAC	08/23/2007 / 14:29	
PCB-1268	EPA 8082	ND	ug/Kg	3800	NAC	08/23/2007 / 14:29	
TCMX (SURROGATE)		108	%		NAC	08/23/2007 / 14:29	
DCB (SURROGATE)		138	%		NAC	08/23/2007 / 14:29	
PCB OIL/SOIL EXTRACTIONS		30.64	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	87.0	%		TLL	08/14/2007 / 7:24	

Sample: 012 PCB-13
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1232	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1242	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1248	EPA 8082	240	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1254	EPA 8082	524	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1260	EPA 8082	440	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1262	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1268	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 17:00	
TCMX (SURROGATE)		83.0	%		NAC	08/23/2007 / 17:00	
DCB (SURROGATE)		125	%		NAC	08/23/2007 / 17:00	
PCB OIL/SOIL EXTRACTIONS		30.55	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	82.1	%		TLL	08/14/2007 / 7:24	

Sample: 013 PCB-15
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
PCB-1221	EPA 8082	ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
PCB-1232	EPA 8082	ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
PCB-1242	EPA 8082	ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
PCB-1248	EPA 8082	ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
PCB-1254	EPA 8082	3500	ug/Kg	920	NAC	08/23/2007 / 14:29	R10
PCB-1260	EPA 8082	ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
PCB-1262	EPA 8082	ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
PCB-1268	EPA 8082	ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
TCMX (SURROGATE)		62.3	%		NAC	08/23/2007 / 14:29	
DCB (SURROGATE)		72.0	%		NAC	08/23/2007 / 14:29	
PCB OIL/SOIL EXTRACTIONS		30.69	G		ADW	08/21/2007 / 14:01	
Percent Solids	SM 2540G	89.0	%		TLL	08/14/2007 / 7:24	

Sample: 014 SS-10
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Chloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Bromomethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Chloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Acetone	EPA 8260B	13	ug/Kg	44	NAC	08/20/2007 / 11:42	J,B
Methylene Chloride	EPA 8260B	19	ug/Kg	36	NAC	08/20/2007 / 11:42	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	44	NAC	08/20/2007 / 11:42	

Sample: 014 SS-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Chloroform	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Benzene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	44	NAC	08/20/2007 / 11:42	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Toluene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
2-Hexanone	EPA 8260B	ND	ug/Kg	44	NAC	08/20/2007 / 11:42	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
M & P XYLENE	EPA 8260B	7	ug/Kg	18	NAC	08/20/2007 / 11:42	J
O-XYLENE	EPA 8260B	4	ug/Kg	9	NAC	08/20/2007 / 11:42	J
Styrene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
Bromoform	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:42	I
DIBROMOFLUOROMETHANE (SURR)		116	%		NAC	08/20/2007 / 11:42	
TOLUENE-D8 (SURROGATE)		97.9	%		NAC	08/20/2007 / 11:42	
4-BROMOFLUOROBENZENE (SURR)		70.7	%		NAC	08/20/2007 / 11:42	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Phenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	

Sample: 014 SS-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Hexachloroethane	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	370	MVP	08/23/2007 / 13:36	
Nitrobenzene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Isophorone	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Naphthalene	EPA 8270C	210	ug/Kg	180	MVP	08/23/2007 / 13:36	
4-Chloroanaline	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2-Methyl Naphthalene	EPA 8270C	100	ug/Kg	180	MVP	08/23/2007 / 13:36	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Acenaphthylene	EPA 8270C	120	ug/Kg	180	MVP	08/23/2007 / 13:36	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Acenaphthene	EPA 8270C	250	ug/Kg	180	MVP	08/23/2007 / 13:36	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Dibenzofuran	EPA 8270C	170	ug/Kg	180	MVP	08/23/2007 / 13:36	J
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Fluorene	EPA 8270C	200	ug/Kg	180	MVP	08/23/2007 / 13:36	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	

Sample: 014 SS-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Phenanthrene	EPA 8270C	2100	ug/Kg	180	MVP	08/23/2007 / 13:36	
Anthracene	EPA 8270C	600	ug/Kg	180	MVP	08/23/2007 / 13:36	
Di-n-butylphthalate	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Fluoranthene	EPA 8270C	4700	ug/Kg	1800	MVP	08/23/2007 / 11:37	
Pyrene	EPA 8270C	4200	ug/Kg	1800	MVP	08/23/2007 / 11:37	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Benzo(a)anthracene	EPA 8270C	2700	ug/Kg	180	MVP	08/23/2007 / 13:36	
Chrysene	EPA 8270C	3700	ug/Kg	1800	MVP	08/23/2007 / 11:37	
bis(2-Ethylhexyl)phthalate	EPA 8270C	79	ug/Kg	180	MVP	08/23/2007 / 13:36	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:36	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	4800	ug/Kg	1800	MVP	08/23/2007 / 11:37	
Benzo(b)fluoranthene	EPA 8270C	6400	ug/Kg	1800	MVP	08/23/2007 / 11:37	
Benzo(k)fluoranthene	EPA 8270C	4800	ug/Kg	1800	MVP	08/23/2007 / 11:37	
Benzo(a)pyrene	EPA 8270C	5700	ug/Kg	1800	MVP	08/23/2007 / 11:37	
Dibenzo(a,h)Anthracene	EPA 8270C	1700	ug/Kg	180	MVP	08/23/2007 / 13:36	
Benzo (g,h,i) perylene	EPA 8270C	5400	ug/Kg	1800	MVP	08/23/2007 / 11:37	
2-FLUOROPHENOL (SURR)		68.4	%		MVP	08/23/2007 / 13:36	
PHENOL-D5 (SURR)		75.1	%		MVP	08/23/2007 / 13:36	
NITROBENZENE-D5 (SURR)		77.4	%		MVP	08/23/2007 / 13:36	
2-FLUOROBIPHENYL (SURR)		78.9	%		MVP	08/23/2007 / 13:36	
2,4,6-TRIBROMOPHENOL (SURR)		89.2	%		MVP	08/23/2007 / 13:36	
TERPHENYL-D14 (SURR)		89.3	%		MVP	08/23/2007 / 13:36	
Pesticides/PCBs							
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
beta-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 014 SS-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
delta-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Heptachlor	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Aldrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Dieldrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Endrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Endosulfan I	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Endosulfan II	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Methoxychlor	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 13:08	
Chlordane	EPA 8081A	ND	ug/Kg	36	NAC	09/05/2007 / 13:08	
Toxaphene	EPA 8081A	ND	ug/Kg	36	NAC	09/05/2007 / 13:08	
TCMX (SURROGATE)		74.2	%		NAC	09/05/2007 / 13:08	
DCB (SURROGATE)		87.0	%		NAC	09/05/2007 / 13:08	
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	900	NAC	08/23/2007 / 14:29	
PCB-1221	EPA 8082	ND	ug/Kg	900	NAC	08/23/2007 / 14:29	
PCB-1232	EPA 8082	ND	ug/Kg	900	NAC	08/23/2007 / 14:29	
PCB-1242	EPA 8082	ND	ug/Kg	900	NAC	08/23/2007 / 14:29	
PCB-1248	EPA 8082	ND	ug/Kg	900	NAC	08/23/2007 / 14:29	
PCB-1254	EPA 8082	ND	ug/Kg	900	NAC	08/23/2007 / 14:29	
PCB-1260	EPA 8082	3300	ug/Kg	900	NAC	08/23/2007 / 14:29	
PCB-1262	EPA 8082	ND	ug/Kg	900	NAC	08/23/2007 / 14:29	
PCB-1268	EPA 8082	ND	ug/Kg	900	NAC	08/23/2007 / 14:29	
TCMX (SURROGATE)		73.8	%		NAC	08/23/2007 / 14:29	
DCB (SURROGATE)		114	%		NAC	08/23/2007 / 14:29	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	28.1	PJS	09/06/2007 / 17:08	RL7

Sample: 014 SS-10
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Aluminum	6010B, SW-846	7070	mg/Kg	21.6	PJS	09/06/2007 / 17:08	
Arsenic	6010B, SW-846	44.2	mg/Kg	59.4	PJS	09/06/2007 / 17:08	RL7
Barium	6010B, SW-846	116	mg/Kg	32	PJS	09/06/2007 / 17:08	RL7
Beryllium	6010B, SW-846	0.621	mg/Kg	0.324	PJS	09/06/2007 / 17:08	
Cadmium	6010B, SW-846	ND	mg/Kg	3.24	PJS	09/06/2007 / 17:08	RL7
Chromium	6010B, SW-846	37.8	mg/Kg	1.08	PJS	09/06/2007 / 17:08	
Calcium	6010B, SW-846	16700	mg/Kg	162	PJS	09/06/2007 / 17:08	
Iron	6010B, SW-846	59700	mg/Kg	108	PJS	09/06/2007 / 17:08	
Cobalt	6010B, SW-846	ND	mg/Kg	54.0	PJS	09/06/2007 / 17:08	RL7
Copper	6010B, SW-846	152	mg/Kg	54.0	PJS	09/06/2007 / 17:08	RL7
Lead	6010B, SW-846	287	mg/Kg	32.4	PJS	09/06/2007 / 17:08	RL7
Magnesium	6010B, SW-846	2370	mg/Kg	130	PJS	09/06/2007 / 17:08	
Manganese	6010B, SW-846	2370	mg/Kg	16.2	PJS	09/06/2007 / 17:08	RL7
Mercury	SW-846; 7471A	0.365	mg/Kg	0.0380	PJS	08/14/2007 / 16:14	
Nickel	6010B, SW-846	29.3	mg/Kg	4.32	PJS	09/06/2007 / 17:08	
Vanadium	6010B, SW-846	ND	mg/Kg	54.0	PJS	09/06/2007 / 17:08	RL7
Selenium	6010B, SW-846	ND	mg/Kg	29.2	PJS	09/06/2007 / 17:08	RL7
Potassium	6010B, SW-846	851	mg/Kg	162	PJS	09/06/2007 / 17:08	
Silver	6010B, SW-846	5.7	mg/Kg	5.4	PJS	09/06/2007 / 17:08	RL7
Sodium	6010B, SW-846	ND	mg/Kg	162	PJS	09/06/2007 / 17:08	
Thallium	6010B, SW-846	ND	mg/Kg	56.1	PJS	09/06/2007 / 17:08	RL7
Zinc	6010B, SW-846	330	mg/Kg	54.0	PJS	09/06/2007 / 17:08	RL7
Percent Solids	SM 2540G	90.8	%		TLL	08/14/2007 / 7:24	
PCB OIL/SOIL EXTRACTIONS		30.50	G		ADW	08/21/2007 / 14:01	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			TLL	08/14/2007 / 14:47	

Sample: 015 SS-11
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 Time: 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Chloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	

Sample: 015 SS-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromomethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Chloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Acetone	EPA 8260B	ND	ug/Kg	45	NAC	08/20/2007 / 12:13	
Methylene Chloride	EPA 8260B	10	ug/Kg	36	NAC	08/20/2007 / 12:13	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	45	NAC	08/20/2007 / 12:13	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Chloroform	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Benzene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Trichloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	45	NAC	08/20/2007 / 12:13	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Toluene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
2-Hexanone	EPA 8260B	ND	ug/Kg	45	NAC	08/20/2007 / 12:13	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Chlorobenzene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Ethylbenzene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
M & P XYLENE	EPA 8260B	2	ug/Kg	18	NAC	08/20/2007 / 12:13	J
O-XYLENE	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Styrene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
Bromoform	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 12:13	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 015 SS-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
DIBROMOFLUOROMETHANE (SURR)		109	%		NAC	08/20/2007 / 12:13	
TOLUENE-D8 (SURROGATE)		97.4	%		NAC	08/20/2007 / 12:13	
4-BROMOFLUOROBENZENE (SURR)		82.4	%		NAC	08/20/2007 / 12:13	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
1,2-Dichlorobenzene	EPA 8270C	44	ug/Kg	190	MVP	08/23/2007 / 14:06	J
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
3&4-Methyl Phenol	EPA 8270C	88	ug/Kg	380	MVP	08/23/2007 / 14:06	J
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Isophorone	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Naphthalene	EPA 8270C	90	ug/Kg	190	MVP	08/23/2007 / 14:06	J
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2-Methyl Naphthalene	EPA 8270C	170	ug/Kg	190	MVP	08/23/2007 / 14:06	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Acenaphthylene	EPA 8270C	100	ug/Kg	190	MVP	08/23/2007 / 14:06	J
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	

Sample: 015 SS-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Dibenzofuran	EPA 8270C	48	ug/Kg	190	MVP	08/23/2007 / 14:06	J
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Fluorene	EPA 8270C	54	ug/Kg	190	MVP	08/23/2007 / 14:06	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Phenanthrene	EPA 8270C	680	ug/Kg	190	MVP	08/23/2007 / 14:06	
Anthracene	EPA 8270C	210	ug/Kg	190	MVP	08/23/2007 / 14:06	
Di-n-butylphthalate	EPA 8270C	81	ug/Kg	190	MVP	08/23/2007 / 14:06	J
Fluoranthene	EPA 8270C	1200	ug/Kg	190	MVP	08/23/2007 / 14:06	
Pyrene	EPA 8270C	1100	ug/Kg	190	MVP	08/23/2007 / 14:06	
Butyl Benzyl Phthalate	EPA 8270C	180	ug/Kg	190	MVP	08/23/2007 / 14:06	J
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Benzo(a)anthracene	EPA 8270C	720	ug/Kg	190	MVP	08/23/2007 / 14:06	
Chrysene	EPA 8270C	820	ug/Kg	190	MVP	08/23/2007 / 14:06	
bis(2-Ethylhexyl)phthalate	EPA 8270C	190	ug/Kg	190	MVP	08/23/2007 / 14:06	J
Di-n-octyl phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:06	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	640	ug/Kg	190	MVP	08/23/2007 / 14:06	
Benzo(b)fluoranthene	EPA 8270C	1400	ug/Kg	190	MVP	08/23/2007 / 14:06	
Benzo(k)fluoranthene	EPA 8270C	930	ug/Kg	190	MVP	08/23/2007 / 14:06	
Benzo(a)pyrene	EPA 8270C	1100	ug/Kg	190	MVP	08/23/2007 / 14:06	
Dibenzo(a,h)Anthracene	EPA 8270C	230	ug/Kg	190	MVP	08/23/2007 / 14:06	
Benzo (g,h,i) perylene	EPA 8270C	1000	ug/Kg	190	MVP	08/23/2007 / 14:06	
2-FLUOROPHENOL (SURR)		48.9	%		MVP	08/23/2007 / 14:06	

Sample: 015 SS-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PHENOL-D5 (SURR)		56.6	%		MVP	08/23/2007 / 14:06	
NITROBENZENE-D5 (SURR)		59.0	%		MVP	08/23/2007 / 14:06	
2-FLUOROBIPHENYL (SURR)		61.3	%		MVP	08/23/2007 / 14:06	
2,4,6-TRIBROMOPHENOL (SURR)		67.9	%		MVP	08/23/2007 / 14:06	
TERPHENYL-D14 (SURR)		67.2	%		MVP	08/23/2007 / 14:06	
Pesticides/PCBs							
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
beta-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
delta-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Heptachlor	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Aldrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Dieldrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endosulfan I	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endosulfan II	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Methoxychlor	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Chlordane	EPA 8081A	ND	ug/Kg	38	NAC	09/05/2007 / 2:00	
Toxaphene	EPA 8081A	ND	ug/Kg	38	NAC	09/05/2007 / 2:00	
TCMX (SURROGATE)		68.7	%		NAC	09/05/2007 / 2:00	
DCB (SURROGATE)		89.1	%		NAC	09/05/2007 / 2:00	
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	38	NAC	08/23/2007 / 14:29	
PCB-1221	EPA 8082	ND	ug/Kg	38	NAC	08/23/2007 / 14:29	
PCB-1232	EPA 8082	ND	ug/Kg	38	NAC	08/23/2007 / 14:29	
PCB-1242	EPA 8082	ND	ug/Kg	38	NAC	08/23/2007 / 14:29	

Sample: 015 SS-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1248	EPA 8082	ND	ug/Kg	38	NAC	08/23/2007 / 14:29	
PCB-1254	EPA 8082	580	ug/Kg	38	NAC	08/23/2007 / 14:29	
PCB-1260	EPA 8082	500	ug/Kg	38	NAC	08/23/2007 / 14:29	
PCB-1262	EPA 8082	ND	ug/Kg	38	NAC	08/23/2007 / 14:29	
PCB-1268	EPA 8082	ND	ug/Kg	38	NAC	08/23/2007 / 14:29	
TCMX (SURROGATE)		89.8	%		NAC	08/23/2007 / 14:29	
DCB (SURROGATE)		121	%		NAC	08/23/2007 / 14:29	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	30.1	PJS	09/06/2007 / 17:08	RL7
Aluminum	6010B, SW-846	7870	mg/Kg	23.1	PJS	09/06/2007 / 17:08	
Arsenic	6010B, SW-846	24.3	mg/Kg	63.6	PJS	09/06/2007 / 17:08	RL7
Barium	6010B, SW-846	187	mg/Kg	35	PJS	09/06/2007 / 17:08	RL7
Beryllium	6010B, SW-846	0.506	mg/Kg	0.347	PJS	09/06/2007 / 17:08	
Cadmium	6010B, SW-846	5.0	mg/Kg	3.47	PJS	09/06/2007 / 17:08	RL7
Chromium	6010B, SW-846	534	mg/Kg	1.16	PJS	09/06/2007 / 17:08	
Calcium	6010B, SW-846	12900	mg/Kg	173	PJS	09/06/2007 / 17:08	
Iron	6010B, SW-846	70200	mg/Kg	116	PJS	09/06/2007 / 17:08	
Cobalt	6010B, SW-846	ND	mg/Kg	57.8	PJS	09/06/2007 / 17:08	RL7
Copper	6010B, SW-846	264	mg/Kg	57.8	PJS	09/06/2007 / 17:08	RL7
Lead	6010B, SW-846	605	mg/Kg	34.7	PJS	09/06/2007 / 17:08	RL7
Magnesium	6010B, SW-846	3030	mg/Kg	139	PJS	09/06/2007 / 17:08	
Manganese	6010B, SW-846	810	mg/Kg	17.3	PJS	09/06/2007 / 17:08	RL7
Mercury	SW-846; 7471A	0.661	mg/Kg	0.0382	PJS	08/14/2007 / 18:14	
Nickel	6010B, SW-846	92.4	mg/Kg	4.62	PJS	09/06/2007 / 17:08	
Vanadium	6010B, SW-846	ND	mg/Kg	57.8	PJS	09/06/2007 / 17:08	RL7
Selenium	6010B, SW-846	ND	mg/Kg	31.2	PJS	09/06/2007 / 17:08	RL7
Potassium	6010B, SW-846	832	mg/Kg	173	PJS	09/06/2007 / 17:08	
Silver	6010B, SW-846	6.6	mg/Kg	5.8	PJS	09/06/2007 / 17:08	RL7
Sodium	6010B, SW-846	192	mg/Kg	173	PJS	09/06/2007 / 17:08	
Thallium	6010B, SW-846	ND	mg/Kg	60.1	PJS	09/06/2007 / 17:08	RL7
Zinc	6010B, SW-846	508	mg/Kg	57.8	PJS	09/06/2007 / 17:08	RL7
Percent Solids	SM 2540G	86.5	%		TLL	08/14/2007 / 7:24	
PCB OIL/SOIL EXTRACTIONS		30.67	G		ADW	08/21/2007 / 14:01	
Flame/ICP Solid Digestion	EPA 3050B	100.0000			TLL	08/14/2007 / 14:47	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 016 SS-12
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Chloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Bromomethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Chloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Acetone	EPA 8260B	ND	ug/Kg	40	NAC	08/20/2007 / 12:45	
Methylene Chloride	EPA 8260B	8	ug/Kg	32	NAC	08/20/2007 / 12:45	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	40	NAC	08/20/2007 / 12:45	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Chloroform	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Benzene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Trichloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	40	NAC	08/20/2007 / 12:45	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Toluene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
2-Hexanone	EPA 8260B	ND	ug/Kg	40	NAC	08/20/2007 / 12:45	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Chlorobenzene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Ethylbenzene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
M & P XYLENE	EPA 8260B	ND	ug/Kg	16	NAC	08/20/2007 / 12:45	

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 016 SS-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-XYLENE	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Styrene	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
Bromoform	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	8	NAC	08/20/2007 / 12:45	
DIBROMOFLUOROMETHANE (SURR)		112	%		NAC	08/20/2007 / 12:45	
TOLUENE-D8 (SURROGATE)		98.3	%		NAC	08/20/2007 / 12:45	
4-BROMOFLUOROBENZENE (SURR)		91.4	%		NAC	08/20/2007 / 12:45	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
3&4-Methyl Phenol	EPA 8270C	ND	ug/Kg	380	MVP	08/23/2007 / 14:37	
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Isophorone	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Naphthalene	EPA 8270C	120	ug/Kg	190	MVP	08/23/2007 / 14:37	J
4-Chloroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2-Methyl Naphthalene	EPA 8270C	110	ug/Kg	190	MVP	08/23/2007 / 14:37	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	

Sample: 016 SS-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Acenaphthylene	EPA 8270C	480	ug/Kg	190	MVP	08/23/2007 / 14:37	
Dimethyl Phthalate	EPA 8270C	68	ug/Kg	190	MVP	08/23/2007 / 14:37	J
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Acenaphthene	EPA 8270C	150	ug/Kg	190	MVP	08/23/2007 / 14:37	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Dibenzofuran	EPA 8270C	160	ug/Kg	190	MVP	08/23/2007 / 14:37	J
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Fluorene	EPA 8270C	240	ug/Kg	190	MVP	08/23/2007 / 14:37	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Diethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Phenanthrene	EPA 8270C	1800	ug/Kg	190	MVP	08/23/2007 / 14:37	
Anthracene	EPA 8270C	810	ug/Kg	190	MVP	08/23/2007 / 14:37	
Di-n-butylphthalate	EPA 8270C	790	ug/Kg	190	MVP	08/23/2007 / 14:37	
Fluoranthene	EPA 8270C	5200	ug/Kg	1900	MVP	08/23/2007 / 12:36	
Pyrene	EPA 8270C	4700	ug/Kg	1900	MVP	08/23/2007 / 12:36	
Butyl Benzyl Phthalate	EPA 8270C	840	ug/Kg	190	MVP	08/23/2007 / 14:37	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 14:37	
Benzo(a)anthracene	EPA 8270C	2200	ug/Kg	190	MVP	08/23/2007 / 14:37	
Chrysene	EPA 8270C	2200	ug/Kg	190	MVP	08/23/2007 / 14:37	
bis(2-Ethylhexyl)phthalate	EPA 8270C	1900	ug/Kg	190	MVP	08/23/2007 / 14:37	
Di-n-octyl phthalate	EPA 8270C	1600	ug/Kg	190	MVP	08/23/2007 / 14:37	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	1600	ug/Kg	190	MVP	08/23/2007 / 14:37	
Benzo(b)fluoranthene	EPA 8270C	3200	ug/Kg	1900	MVP	08/23/2007 / 12:36	
Benzo(k)fluoranthene	EPA 8270C	2400	ug/Kg	190	MVP	08/23/2007 / 14:37	

Sample: 016 SS-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	3000	ug/Kg	190	MVP	08/23/2007 / 14:37	
Dibenzo(a,h)Anthracene	EPA 8270C	730	ug/Kg	190	MVP	08/23/2007 / 14:37	
Benzo (g,h,l) perylene	EPA 8270C	2300	ug/Kg	190	MVP	08/23/2007 / 14:37	
2-FLUOROPHENOL (SURR)		45.7	%		MVP	08/23/2007 / 14:37	
PHENOL-D5 (SURR)		52.2	%		MVP	08/23/2007 / 14:37	
NITROBENZENE-D5 (SURR)		52.0	%		MVP	08/23/2007 / 14:37	
2-FLUOROBIPHENYL (SURR)		57.7	%		MVP	08/23/2007 / 14:37	
2,4,6-TRIBROMOPHENOL (SURR)		61.2	%		MVP	08/23/2007 / 14:37	
TERPHENYL-D14 (SURR)		63.4	%		MVP	08/23/2007 / 14:37	
Pesticides/PCBs							
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
beta-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
delta-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Heptachlor	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Aldrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Dieldrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Endrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Endosulfan I	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Endosulfan II	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Methoxychlor	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 9:00	
Chlordane	EPA 8081A	ND	ug/Kg	38	NAC	09/05/2007 / 9:00	
Toxaphene	EPA 8081A	ND	ug/Kg	38	NAC	09/05/2007 / 9:00	
TCMX (SURROGATE)		93.4	%		NAC	09/05/2007 / 9:00	
DCB (SURROGATE)		157	%		NAC	09/05/2007 / 9:00	G2
PCB-SOIL/SOLID							

Sample: 016 SS-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1016	EPA 8082	ND	ug/Kg	750	NAC	09/05/2007 / 15:14	
PCB-1221	EPA 8082	ND	ug/Kg	750	NAC	09/05/2007 / 15:14	
PCB-1232	EPA 8082	ND	ug/Kg	750	NAC	09/05/2007 / 15:14	
PCB-1242	EPA 8082	ND	ug/Kg	750	NAC	09/05/2007 / 15:14	
PCB-1248	EPA 8082	3620	ug/Kg	750	NAC	09/05/2007 / 15:14	
PCB-1254	EPA 8082	2160	ug/Kg	750	NAC	09/05/2007 / 15:14	
PCB-1260	EPA 8082	1560	ug/Kg	750	NAC	09/05/2007 / 15:14	
PCB-1262	EPA 8082	ND	ug/Kg	750	NAC	09/05/2007 / 15:14	
PCB-1268	EPA 8082	ND	ug/Kg	750	NAC	09/05/2007 / 15:14	
TCMX (SURROGATE)		85.2	%		NAC	09/05/2007 / 15:14	
DCB (SURROGATE)		140	%		NAC	09/05/2007 / 15:14	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	136	PJS	09/10/2007 / 17:23	RL7
Aluminum	6010B, SW-846	5710	mg/Kg	22.5	PJS	09/06/2007 / 17:08	MHA
Arsenic	6010B, SW-846	ND	mg/Kg	169	PJS	09/10/2007 / 17:23	RL7
Barium	6010B, SW-846	781	mg/Kg	100	PJS	09/10/2007 / 17:23	RL7
Beryllium	6010B, SW-846	0.433	mg/Kg	0.338	PJS	09/06/2007 / 17:08	
Cadmium	6010B, SW-846	40.5	mg/Kg	10.1	PJS	09/10/2007 / 17:23	RL7
Chromium	6010B, SW-846	237	mg/Kg	1.13	PJS	09/06/2007 / 17:08	MHA
Calcium	6010B, SW-846	14200	mg/Kg	169	PJS	09/06/2007 / 17:08	MHA
Iron	6010B, SW-846	302000	mg/Kg	338	PJS	09/10/2007 / 17:23	RL7
Cobalt	6010B, SW-846	ND	mg/Kg	169	PJS	09/10/2007 / 17:23	RL7
Copper	6010B, SW-846	1720	mg/Kg	169	PJS	09/10/2007 / 17:23	RL7
Lead	6010B, SW-846	3560	mg/Kg	101	PJS	09/10/2007 / 17:23	RL7
Magnesium	6010B, SW-846	2700	mg/Kg	135	PJS	09/06/2007 / 17:08	MHA
Manganese	6010B, SW-846	2570	mg/Kg	50.7	PJS	09/10/2007 / 17:23	RL7
Mercury	SW-846; 7471A	3.29	mg/Kg	0.119	PJS	09/14/2007 / 18:14	
Nickel	6010B, SW-846	248	mg/Kg	4.50	PJS	09/06/2007 / 17:08	MHA
Vanadium	6010B, SW-846	ND	mg/Kg	169	PJS	09/10/2007 / 17:23	RL7
Selenium	6010B, SW-846	84.8	mg/Kg	67.5	PJS	09/10/2007 / 17:23	RL7
Potassium	6010B, SW-846	636	mg/Kg	169	PJS	09/06/2007 / 17:08	
Silver	6010B, SW-846	18	mg/Kg	17	PJS	09/10/2007 / 17:23	RL7
Sodium	6010B, SW-846	601	mg/Kg	169	PJS	09/06/2007 / 17:08	
Thallium	6010B, SW-846	ND	mg/Kg	182	PJS	09/10/2007 / 17:23	RL7

Sample: 016 SS-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Zinc	6010B, SW-846	3840	mg/Kg	169	PJS	09/10/2007 / 17:23	RL7
Percent Solids	SM 2540G	87.1	%		TLL	08/14/2007 / 7:24	
PCB OIL/SOIL EXTRACTIONS		30.60	G		ADW	08/21/2007 / 14:01	
Flame/ICP Solid Digestion	EPA 3050B	98.0392			TLL	08/14/2007 / 14:47	

Sample: 017 SS-13
Collection Date: 08/08/2007
Matrix: SOIL

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-SOIL							
Vinyl Chloride	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Chloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Bromomethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Chloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
1,1-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Acetone	EPA 8260B	ND	ug/Kg	48	NAC	08/20/2007 / 15:23	
Methylene Chloride	EPA 8260B	9	ug/Kg	39	NAC	08/20/2007 / 15:23	J,B
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
1,1-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
2-Butanone-(MEK)	EPA 8260B	ND	ug/Kg	48	NAC	08/20/2007 / 15:23	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Carbon Disulfide	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Chloroform	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Carbon Tetrachloride	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Benzene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
1,2-Dichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Trichloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
1,2-Dichloropropane	EPA 8260B	ND	ug/Kg	48	NAC	08/20/2007 / 15:23	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Toluene	EPA 8260B	ND	ug/Kg				

Sample: 017 SS-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Bromodichloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
2-Hexanone	EPA 8260B	ND	ug/Kg	48	NAC	08/20/2007 / 15:23	
Tetrachloroethylene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Dibromochloromethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Chlorobenzene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Ethylbenzene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
M & P XYLENE	EPA 8260B	ND	ug/Kg	19	NAC	08/20/2007 / 15:23	
O-XYLENE	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Styrene	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
Bromoform	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/Kg	10	NAC	08/20/2007 / 15:23	
DIBROMOFLUOROMETHANE (SURR)		108	%		NAC	08/20/2007 / 15:23	
TOLUENE-D8 (SURROGATE)		99.9	%		NAC	08/20/2007 / 15:23	
4-BROMOFLUOROBENZENE (SURR)		86.5	%		NAC	08/20/2007 / 15:23	
TCL SEMIVOLATILE-SOILS							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2-Chlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2-Methyl Phenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Hexachloroethane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
3&4-Methyl Phenol	EPA 8270C	90	ug/Kg	380	MVP	08/23/2007 / 15:07	J
Nitrobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Isophorone	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2,4-Dimethylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2,4-Dichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	

Sample: 017 SS-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Naphthalene	EPA 8270C	80	ug/Kg	190	MVP	08/23/2007 / 15:07	J
4-Chloroanaline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Hexachlorobutadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2-Methyl Naphthalene	EPA 8270C	87	ug/Kg	190	MVP	08/23/2007 / 15:07	J
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2-Chloronaphthalene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Acenaphthylene	EPA 8270C	220	ug/Kg	190	MVP	08/23/2007 / 15:07	
Dimethyl Phthalate	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Acenaphthene	EPA 8270C	120	ug/Kg	190	MVP	08/23/2007 / 15:07	J
3-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2,4-Dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Dibenzofuran	EPA 8270C	87	ug/Kg	190	MVP	08/23/2007 / 15:07	J
2,4-Dinitrotoluene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
4-Nitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Fluorene	EPA 8270C	110	ug/Kg	190	MVP	08/23/2007 / 15:07	J
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Diethyl Phthalate	EPA 8270C	98	ug/Kg	190	MVP	08/23/2007 / 15:07	J
4-Nitroaniline	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Hexachlorobenzene	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Pentachlorophenol	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Phenanthrene	EPA 8270C	1500	ug/Kg	190	MVP	08/23/2007 / 15:07	
Anthracene	EPA 8270C	500	ug/Kg	190	MVP	08/23/2007 / 15:07	
Di-n-butylphthalate	EPA 8270C	420	ug/Kg	190	MVP	08/23/2007 / 15:07	
Fluoranthene	EPA 8270C	5500	ug/Kg	1900	MVP	08/23/2007 / 13:06	
Pyrene	EPA 8270C	5200	ug/Kg	1900	MVP	08/23/2007 / 13:06	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 017 SS-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Butyl Benzyl Phthalate	EPA 8270C	750	ug/Kg	190	MVP	08/23/2007 / 15:07	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/Kg	190	MVP	08/23/2007 / 15:07	
Benzo(a)anthracene	EPA 8270C	2900	ug/Kg	190	MVP	08/23/2007 / 15:07	
Chrysene	EPA 8270C	5400	ug/Kg	1900	MVP	08/23/2007 / 13:06	
bis(2-Ethylhexyl)phthalate	EPA 8270C	2600	ug/Kg	190	MVP	08/23/2007 / 15:07	
Di-n-octyl phthalate	EPA 8270C	190	ug/Kg	190	MVP	08/23/2007 / 15:07	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	4700	ug/Kg	1900	MVP	08/23/2007 / 13:06	
Benzo(b)fluoranthene	EPA 8270C	8800	ug/Kg	1900	MVP	08/23/2007 / 13:06	
Benzo(k)fluoranthene	EPA 8270C	5600	ug/Kg	1900	MVP	08/23/2007 / 13:06	
Benzo(a)pyrene	EPA 8270C	4900	ug/Kg	1900	MVP	08/23/2007 / 13:06	
Dibenzo(a,h)Anthracene	EPA 8270C	2000	ug/Kg	190	MVP	08/23/2007 / 15:07	
Benzo (g,h,i) perylene	EPA 8270C	5300	ug/Kg	1900	MVP	08/23/2007 / 13:06	
2-FLUOROPHENOL (SURR)		53.6	%		MVP	08/23/2007 / 15:07	
PHENOL-D6 (SURR)		61.4	%		MVP	08/23/2007 / 15:07	
NITROBENZENE-D5 (SURR)		61.2	%		MVP	08/23/2007 / 15:07	
2-FLUOROBIPHENYL (SURR)		67.4	%		MVP	08/23/2007 / 15:07	
2,4,6-TRIBROMOPHENOL (SURR)		70.5	%		MVP	08/23/2007 / 15:07	
TERPHENYL-D14 (SURR)		73.0	%		MVP	08/23/2007 / 15:07	
Pesticides/PCBs							
Pesticides-Soil/Solid							
alpha-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
beta-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
delta-BHC	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Heptachlor	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Aldrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Dieldrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endrin	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
4,4'-DDD	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
4,4'-DDE	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
4,4'-DDT	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endosulfan I	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endosulfan II	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	

Sample: 017 SS-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Endosulfan Sulfate	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endrin Aldehyde	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Methoxychlor	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Endrin Ketone	EPA 8081A	ND	ug/Kg	2	NAC	09/05/2007 / 2:00	
Chlordane	EPA 8081A	ND	ug/Kg	39	NAC	09/05/2007 / 2:00	
Toxaphene	EPA 8081A	ND	ug/Kg	39	NAC	09/05/2007 / 2:00	
TCMX (SURROGATE)		110	%		NAC	09/05/2007 / 2:00	
DCB (SURROGATE)		177	%		NAC	09/05/2007 / 2:00	G2
PCB-SOIL/SOLID							
PCB-1016	EPA 8082	ND	ug/Kg	770	NAC	09/05/2007 / 15:14	
PCB-1221	EPA 8082	ND	ug/Kg	770	NAC	09/05/2007 / 15:14	
PCB-1232	EPA 8082	ND	ug/Kg	770	NAC	09/05/2007 / 15:14	
PCB-1242	EPA 8082	ND	ug/Kg	770	NAC	09/05/2007 / 15:14	
PCB-1248	EPA 8082	8000	ug/Kg	770	NAC	09/05/2007 / 15:14	
PCB-1254	EPA 8082	6400	ug/Kg	770	NAC	09/05/2007 / 15:14	
PCB-1260	EPA 8082	3600	ug/Kg	770	NAC	09/05/2007 / 15:14	
PCB-1262	EPA 8082	ND	ug/Kg	770	NAC	09/05/2007 / 15:14	
PCB-1268	EPA 8082	ND	ug/Kg	770	NAC	09/05/2007 / 15:14	
TCMX (SURROGATE)		77.9	%		NAC	09/05/2007 / 15:14	
DCB (SURROGATE)		129	%		NAC	09/05/2007 / 15:14	
Target Analyte List Metals							
Antimony	6010B, SW-846	ND	mg/Kg	57.1	PJS	09/06/2007 / 17:08	RL7
Aluminum	6010B, SW-846	15300	mg/Kg	22.0	PJS	09/06/2007 / 17:08	
Arsenic	6010B, SW-846	ND	mg/Kg	121	PJS	09/06/2007 / 17:08	RL7
Barium	6010B, SW-846	383	mg/Kg	66	PJS	09/06/2007 / 17:08	RL7
Beryllium	6010B, SW-846	ND	mg/Kg	0.329	PJS	09/06/2007 / 17:08	
Cadmium	6010B, SW-846	35.8	mg/Kg	6.59	PJS	09/06/2007 / 17:08	RL7
Chromium	6010B, SW-846	119	mg/Kg	1.10	PJS	09/06/2007 / 17:08	
Calcium	6010B, SW-846	5650	mg/Kg	165	PJS	09/06/2007 / 17:08	RL7
Iron	6010B, SW-846	176000	mg/Kg	220	PJS	09/06/2007 / 17:08	RL7
Cobalt	6010B, SW-846	ND	mg/Kg	110	PJS	09/06/2007 / 17:08	RL7
Copper	6010B, SW-846	916	mg/Kg	110	PJS	09/06/2007 / 17:08	RL7
Lead	6010B, SW-846	1390	mg/Kg	65.9	PJS	09/06/2007 / 17:08	RL7
Magnesium	6010B, SW-846	1230	mg/Kg	132	PJS	09/06/2007 / 17:08	

Sample: 017 SS-13
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Manganese	6010B, SW-846	1490	mg/Kg	32.9	PJS	09/06/2007 / 17:08	RL7
Mercury	SW-846; 7471A	7.34	mg/Kg	0.201	PJS	08/14/2007 / 18:14	MHA
Nickel	6010B, SW-846	140	mg/Kg	4.39	PJS	09/06/2007 / 17:08	
Vanadium	6010B, SW-846	ND	mg/Kg	110	PJS	09/06/2007 / 17:08	RL7
Selenium	6010B, SW-846	ND	mg/Kg	59.3	PJS	09/06/2007 / 17:08	RL7
Potassium	6010B, SW-846	464	mg/Kg	165	PJS	09/06/2007 / 17:08	
Silver	6010B, SW-846	18	mg/Kg	11	PJS	09/06/2007 / 17:08	RL7
Sodium	6010B, SW-846	303	mg/Kg	165	PJS	09/06/2007 / 17:08	
Thallium	6010B, SW-846	ND	mg/Kg	114	PJS	09/06/2007 / 17:08	RL7
Zinc	6010B, SW-846	5100	mg/Kg	110	PJS	09/06/2007 / 17:08	RL7
Percent Solids	SM 2540G	85.9	%		TLL	08/14/2007 / 7:24	
PCB OIL/SOIL EXTRACTIONS		30.20	G		ADW	08/21/2007 / 14:01	
Flame/ICP Solid Digestion	EPA 3050B	94.3396			TLL	08/14/2007 / 14:47	

Sample: 018 MW-8
Collection Date: 08/08/2007
Matrix: WATER

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Acetone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 13:05	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 13:05	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 018 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 13:05	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 13:05	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
M&P-Xylene	EPA 8260B	ND	ug/L	10	NAC	08/20/2007 / 13:05	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 13:05	
DIBROMOFLUOROMETHANE (SURR)		108	%		NAC	08/20/2007 / 13:05	
TOLUENE-D8 (SURROGATE)		103	%		NAC	08/20/2007 / 13:05	
4-BROMOFLUOROBENZENE (SURR)		97.1	%		NAC	08/20/2007 / 13:05	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Phenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 018 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:24	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Isophorone	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Naphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Fluorene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	

Sample: 018 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Pentachlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Chrysene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 11:24	
2-FLUOROPHENOL (SURR)		41.6	%		MVP	08/21/2007 / 11:24	
PHENOL-D5 (SURR)		29.4	%		MVP	08/21/2007 / 11:24	
NITROBENZENE-D5 (SURR)		81.9	%		MVP	08/21/2007 / 11:24	
2-FLUOROBIPHENYL (SURR)		79.2	%		MVP	08/21/2007 / 11:24	
2,4,6-TRIBROMOPHENOL (SURR)		82.5	%		MVP	08/21/2007 / 11:24	
TERPHENYL-D14 (SURR)		86.1	%		MVP	08/21/2007 / 11:24	
Pesticides/PCBs							
Pesticides-Water							
alpha-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
beta-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Aldrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Heptachlor	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	

Sample: 018 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
delta-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Endosulfan I	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
4,4'-DDE	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Dieldrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Endrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
4,4'-DDD	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Endosulfan II	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
4,4'-DDT	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Methoxychlor	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 20:00	
Endrin Ketone	EPA 8081A	ND	ug/L	1.00	NAC	09/05/2007 / 20:00	
Chlordane	EPA 8081A	ND	ug/L	1.00	NAC	09/05/2007 / 20:00	
Toxaphene	EPA 8081A	77.6	%		NAC	09/05/2007 / 20:00	
TCMX (SURROGATE)		88.3	%		NAC	09/05/2007 / 20:00	
DCB (SURROGATE)							
PCB-WATER							
PCB-1016	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / :23	
PCB-1221	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / :23	
PCB-1232	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / :23	
PCB-1242	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / :23	
PCB-1248	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / :23	
PCB-1254	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / :23	
PCB-1260	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / :23	
PCB-1262	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / :23	
TCMX (SURROGATE)		84.8	%		NAC	08/16/2007 / :23	
DCB (SURROGATE)		65.8	%		NAC	08/16/2007 / :23	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	0.317	mg/L	0.150	PJS	08/15/2007 / 17:26	
Antimony	200.7, EPA 1987	ND	mg/L	0.0310	PJS	08/15/2007 / 17:26	
Barium	200.7, EPA 1987	0.487	mg/L	0.0100	PJS	08/15/2007 / 17:26	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0850	PJS	08/15/2007 / 17:26	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	PJS	08/15/2007 / 17:26	

Sample: 018 MW-8
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	PJS	08/15/2007 / 17:26	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	PJS	08/15/2007 / 17:26	
Calcium	200.7, EPA 1987	129	mg/L	0.500	PJS	08/15/2007 / 17:26	
Copper	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 17:26	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:26	
Iron	200.7, EPA 1987	4.84	mg/L	0.100	PJS	08/15/2007 / 17:26	
Magnesium	200.7, EPA 1987	15.9	mg/L	0.500	PJS	08/15/2007 / 17:26	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	PJS	08/15/2007 / 17:26	
Manganese	200.7, EPA 1987	0.694	mg/L	0.00700	PJS	08/15/2007 / 17:26	
Mercury	EPA 245.2	ND	mg/L	0.000200	TDJ	08/15/2007 / 14:29	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	PJS	08/15/2007 / 17:26	
Potassium	200.7, EPA 1987	2.51	mg/L	0.500	PJS	08/15/2007 / 17:26	
Sodium	200.7, EPA 1987	109	mg/L	2.00	PJS	08/15/2007 / 17:26	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 17:26	
Selenium	200.7, EPA 1987	0.0271	mg/L	0.0200	PJS	08/15/2007 / 17:26	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:26	
Thallium	200.7, EPA 1987	ND	mg/L	0.0650	PJS	08/15/2007 / 17:26	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:26	
Pesticide Water Extraction		1.00	L		TLL	08/15/2007 / 10:09	
PCB WATER EXTRACTION		1.00			TLL	08/15/2007 / 10:08	

Sample: 019 MW-8 DUP
Collection Date: 08/08/2007
Matrix: WATER

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Acetone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 15:29	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	

Sample: 019 MW-8 DUP
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 15:29	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 15:29	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
trans-1,3-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 15:29	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
M&P-Xylene	EPA 8260B	ND	ug/L	10	NAC	08/20/2007 / 15:29	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:29	
DIBROMOFLUOROMETHANE (SURR)		101	%		NAC	08/20/2007 / 15:29	
TOLUENE-D8 (SURROGATE)		102	%		NAC	08/20/2007 / 15:29	
4-BROMOFLUOROBENZENE (SURR)		97.6	%		NAC	08/20/2007 / 15:29	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 019 MW-8 DUP
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Phenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2-Chlorophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2-Methyl Phenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Hexachloroethane	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	20	MVP	08/21/2007 / 11:54	
Nitrobenzene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Isophorone	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2-Nitrophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Naphthalene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
4-Chloroaniline	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2-Nitroaniline	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Acenaphthylene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Acenaphthene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
3-Nitroaniline	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Dibenzofuran	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	

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Sample: 019 MW-8 DUP
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
4-Nitrophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Fluorene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Diethyl Phthalate	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
4-Nitroaniline	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Hexachlorobenzene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Pentachlorophenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Phenanthrene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Anthracene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Fluoranthene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Pyrene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Chrysene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 11:54	
Benzo (g,h,i) perylene	EPA 8270C	53.5	%		MVP	08/21/2007 / 11:54	
2-FLUOROPHENOL (SURR)		43.6	%		MVP	08/21/2007 / 11:54	
PHENOL-D5 (SURR)		82.7	%		MVP	08/21/2007 / 11:54	
NITROBENZENE-D5 (SURR)		77.1	%		MVP	08/21/2007 / 11:54	
2-FLUOROBIPHENYL (SURR)		71.9	%		MVP	08/21/2007 / 11:54	
2,4,6-TRIBROMOPHENOL (SURR)		85.7	%		MVP	08/21/2007 / 11:54	
TERPHENYL-D14 (SURR)							

Sample: 019 MW-8 DUP
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pesticides/PCBs							
Pesticides-Water							
alpha-BHC	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
beta-BHC	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Aldrin	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Heptachlor	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
delta-BHC	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Endosulfan I	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
4,4'-DDE	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Dieldrin	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Endrin	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
4,4'-DDD	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Endosulfan II	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
4,4'-DDT	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Methoxychlor	EPA 8081A	ND	ug/L	0.10	NAC	09/05/2007 / 20:00	
Endrin Ketone	EPA 8081A	ND	ug/L	2.00	NAC	09/05/2007 / 20:00	
Chlordane	EPA 8081A	ND	ug/L	2.00	NAC	09/05/2007 / 20:00	
Toxaphene		76.9	%		NAC	09/05/2007 / 20:00	
TCMX (SURROGATE)		88.9	%		NAC	09/05/2007 / 20:00	
DCB (SURROGATE)							
PCB-WATER							
PCB-1016	EPA 8082	ND	ug/L	2.00	NAC	08/16/2007 / 12:15	
PCB-1221	EPA 8082	ND	ug/L	2.00	NAC	08/16/2007 / 12:15	
PCB-1232	EPA 8082	ND	ug/L	2.00	NAC	08/16/2007 / 12:15	
PCB-1242	EPA 8082	ND	ug/L	2.00	NAC	08/16/2007 / 12:15	
PCB-1248	EPA 8082	ND	ug/L	2.00	NAC	08/16/2007 / 12:15	
PCB-1254	EPA 8082	ND	ug/L	2.00	NAC	08/16/2007 / 12:15	
PCB-1260	EPA 8082	ND	ug/L	2.00	NAC	08/16/2007 / 12:15	
PCB-1262	EPA 8082	ND	ug/L	2.00	NAC	08/16/2007 / 12:15	
TCMX (SURROGATE)		83.1	%		NAC	08/16/2007 / 12:15	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 019 MW-8 DUP
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
DCB (SURROGATE)		68.2	%		NAC	08/16/2007 / 12:15	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	1.11	mg/L	0.150	PJS	08/15/2007 / 17:30	
Antimony	200.7, EPA 1987	ND	mg/L	0.0310	PJS	08/15/2007 / 17:30	
Barium	200.7, EPA 1987	0.503	mg/L	0.0100	PJS	08/15/2007 / 17:30	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0850	PJS	08/15/2007 / 17:30	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	PJS	08/15/2007 / 17:30	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	PJS	08/15/2007 / 17:30	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	PJS	08/15/2007 / 17:30	
Calcium	200.7, EPA 1987	132	mg/L	0.500	PJS	08/15/2007 / 17:30	
Copper	200.7, EPA 1987	0.00599	mg/L	0.00500	PJS	08/15/2007 / 17:30	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:30	
Iron	200.7, EPA 1987	5.55	mg/L	0.100	PJS	08/15/2007 / 17:30	
Magnesium	200.7, EPA 1987	16.1	mg/L	0.500	PJS	08/15/2007 / 17:30	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	PJS	08/15/2007 / 17:30	
Manganese	200.7, EPA 1987	0.723	mg/L	0.00700	PJS	08/15/2007 / 17:30	
Mercury	EPA 245.2	ND	mg/L	0.000200	TDJ	08/15/2007 / 14:29	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	PJS	08/15/2007 / 17:30	
Potassium	200.7, EPA 1987	2.80	mg/L	0.500	PJS	08/15/2007 / 17:30	
Sodium	200.7, EPA 1987	111	mg/L	2.00	PJS	08/15/2007 / 17:30	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 17:30	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	PJS	08/15/2007 / 17:30	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:30	
Thallium	200.7, EPA 1987	ND	mg/L	0.0650	PJS	08/15/2007 / 17:30	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:30	
Pesticide Water Extraction		0.500	L		TLL	08/15/2007 / 10:09	
PCB WATER EXTRACTION		0.500			TLL	08/15/2007 / 10:08	

Sample: 020 MW-9
Collection Date: 08/08/2007
Matrix: WATER

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							

AMERI SCI

Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 020 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Acetone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 14:03	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 14:03	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 14:03	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 14:03	
2-Hexanone	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Ethylbenzene	EPA 8260B	ND	ug/L	10	NAC	08/20/2007 / 14:03	
M&P-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 020 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:03	
DIBROMOFLUOROMETHANE (SURR)		109	%		NAC	08/20/2007 / 14:03	
TOLUENE-D8 (SURROGATE)		101	%		NAC	08/20/2007 / 14:03	
4-BROMOFLUOROBENZENE (SURR)		96.0	%		NAC	08/20/2007 / 14:03	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Phenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 12:24	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Isophorone	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Naphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	

Sample: 020 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12;24	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Fluorene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Pentachlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Chrysene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	

Sample: 020 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:24	
2-FLUOROPHENOL (SURR)		21.4	%		MVP	08/21/2007 / 12:24	
PHENOL-D5 (SURR)		16.0	%		MVP	08/21/2007 / 12:24	
NITROBENZENE-D5 (SURR)		79.3	%		MVP	08/21/2007 / 12:24	
2-FLUOROBIPHENYL (SURR)		72.8	%		MVP	08/21/2007 / 12:24	
2,4,6-TRIBROMOPHENOL (SURR)		60.6	%		MVP	08/21/2007 / 12:24	
TERPHENYL-D14 (SURR)		85.6	%		MVP	08/21/2007 / 12:24	
Pesticides/PCBs							
Pesticides-Water							
alpha-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
beta-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Aldrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Heptachlor	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
delta-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endosulfan I	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
4,4'-DDE	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Dieldrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
4,4'-DDD	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endosulfan II	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
4,4'-DDT	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Methoxychlor	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endrin Ketone	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Chlordane	EPA 8081A	ND	ug/L	1.00	NAC	09/05/2007 / 15:00	
Toxaphene	EPA 8081A	ND	ug/L	1.00	NAC	09/05/2007 / 15:00	
TCMX (SURROGATE)		72.9	%		NAC	09/05/2007 / 15:00	
DCB (SURROGATE)		91.9	%		NAC	09/05/2007 / 15:00	
PCB-WATER							
PCB-1016	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 12:18	
PCB-1221	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 12:18	

Sample: 020 MW-9
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1232	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 12:18	
PCB-1242	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 12:18	
PCB-1248	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 12:18	
PCB-1254	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 12:18	
PCB-1260	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 12:18	
PCB-1262	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 12:18	
TCMX (SURROGATE)		82.6	%		NAC	08/16/2007 / 12:18	
DCB (SURROGATE)		68.1	%		NAC	08/16/2007 / 12:18	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	0.531	mg/L	0.150	PJS	08/15/2007 / 17:34	
Antimony	200.7, EPA 1987	ND	mg/L	0.0310	PJS	08/15/2007 / 17:34	
Barium	200.7, EPA 1987	0.523	mg/L	0.0100	PJS	08/15/2007 / 17:34	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0850	PJS	08/15/2007 / 17:34	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	PJS	08/15/2007 / 17:34	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	PJS	08/15/2007 / 17:34	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	PJS	08/15/2007 / 17:34	
Calcium	200.7, EPA 1987	136	mg/L	0.500	PJS	08/15/2007 / 17:34	
Copper	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 17:34	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:34	
Iron	200.7, EPA 1987	6.81	mg/L	0.100	PJS	08/15/2007 / 17:34	
Magnesium	200.7, EPA 1987	18.4	mg/L	0.500	PJS	08/15/2007 / 17:34	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	PJS	08/15/2007 / 17:34	
Manganese	200.7, EPA 1987	0.723	mg/L	0.00700	PJS	08/15/2007 / 17:34	
Mercury	EPA 245.2	ND	mg/L	0.000200	TDJ	08/15/2007 / 14:29	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	PJS	08/15/2007 / 17:34	
Potassium	200.7, EPA 1987	2.84	mg/L	0.500	PJS	08/15/2007 / 17:34	
Sodium	200.7, EPA 1987	79.4	mg/L	2.00	PJS	08/15/2007 / 17:34	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 17:34	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	PJS	08/15/2007 / 17:34	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:34	
Thallium	200.7, EPA 1987	ND	mg/L	0.0850	PJS	08/15/2007 / 17:34	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:34	
Pesticide Water Extraction		1.00	L		TLL	08/15/2007 / 10:09	
PCB WATER EXTRACTION		1.00			TLL	08/15/2007 / 10:08	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 021 MW-11
Collection Date: 08/08/2007
Matrix: WATER

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Acetone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 14:32	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 14:32	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 14:32	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 14:32	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
M&P-Xylene	EPA 8260B	1	ug/L	10	NAC	08/20/2007 / 14:32	J

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Sample: 021 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 14:32	
DIBROMOFLUOROMETHANE (SURR)		110	%		NAC	08/20/2007 / 14:32	
TOLUENE-D8 (SURROGATE)		101	%		NAC	08/20/2007 / 14:32	
4-BROMOFLUOROBENZENE (SURR)		95.9	%		NAC	08/20/2007 / 14:32	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Phenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 12:54	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Isophorone	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Naphthalene	EPA 8270C	2	ug/L	5.0	MVP	08/21/2007 / 12:54	J,B
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	

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Workorder No. 0708-00103

Sample: 021 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Fluorene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Pentachlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Chrysene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	

Sample: 021 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 12:54	
2-FLUOROPHENOL (SURR)		23.2	%		MVP	08/21/2007 / 12:54	
PHENOL-D5 (SURR)		15.8	%		MVP	08/21/2007 / 12:54	
NITROBENZENE-D5 (SURR)		75.5	%		MVP	08/21/2007 / 12:54	
2-FLUOROBIPHENYL (SURR)		73.9	%		MVP	08/21/2007 / 12:54	
2,4,6-TRIBROMOPHENOL (SURR)		66.7	%		MVP	08/21/2007 / 12:54	
TERPHENYL-D14 (SURR)		85.2	%		MVP	08/21/2007 / 12:54	
Pesticides/PCBs							
Pesticides-Water							
alpha-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
beta-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Aldrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Heptachlor	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
delta-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endosulfan I	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
4,4'-DDE	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Dieldrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
4,4'-DDD	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endosulfan II	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
4,4'-DDT	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Methoxychlor	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Endrin Ketone	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 15:00	
Chlordane	EPA 8081A	ND	ug/L	1.00	NAC	09/05/2007 / 15:00	
Toxaphene	EPA 8081A	ND	ug/L	1.00	NAC	09/05/2007 / 15:00	
TCMX (SURROGATE)		72.1	%		NAC	09/05/2007 / 15:00	
DCB (SURROGATE)		95.1	%		NAC	09/05/2007 / 15:00	
PCB-WATER							

Sample: 021 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1016	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1221	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1232	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1242	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1248	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1254	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1260	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1262	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
TCMX (SURROGATE)		80.7	%		NAC	08/16/2007 / 15:30	
DCB (SURROGATE)		67.7	%		NAC	08/16/2007 / 15:30	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	0.855	mg/L	0.150	PJS	08/15/2007 / 17:53	
Antimony	200.7, EPA 1987	ND	mg/L	0.0310	PJS	08/15/2007 / 17:53	
Barium	200.7, EPA 1987	0.308	mg/L	0.0100	PJS	08/15/2007 / 17:53	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0850	PJS	08/15/2007 / 17:53	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	PJS	08/15/2007 / 17:53	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	PJS	08/15/2007 / 17:53	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	PJS	08/15/2007 / 17:53	
Calcium	200.7, EPA 1987	175	mg/L	0.500	PJS	08/15/2007 / 17:53	
Copper	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 17:53	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:53	
Iron	200.7, EPA 1987	12.0	mg/L	0.100	PJS	08/15/2007 / 17:53	
Magnesium	200.7, EPA 1987	34.0	mg/L	0.500	PJS	08/15/2007 / 17:53	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	PJS	08/15/2007 / 17:53	
Manganese	200.7, EPA 1987	0.419	mg/L	0.00700	PJS	08/15/2007 / 17:53	
Mercury	EPA 245.2	ND	mg/L	0.000200	TDJ	08/15/2007 / 14:29	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	PJS	08/15/2007 / 17:53	
Potassium	200.7, EPA 1987	1.99	mg/L	0.500	PJS	08/15/2007 / 17:53	
Sodium	200.7, EPA 1987	57.2	mg/L	2.00	PJS	08/15/2007 / 17:53	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 17:53	
Selenium	200.7, EPA 1987	0.0245	mg/L	0.0200	PJS	08/15/2007 / 17:53	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:53	
Thallium	200.7, EPA 1987	ND	mg/L	0.0650	PJS	08/15/2007 / 17:53	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 17:53	

Sample: 021 MW-11
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pesticide Water Extraction		1.00	L		TLL	08/15/2007 / 10:09	
PCB WATER EXTRACTION		1.00			TLL	08/15/2007 / 10:08	

Sample: 022 MW-12
Collection Date: 08/08/2007
Matrix: WATER

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Acetone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 15:01	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 15:01	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 15:01	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	

Sample: 022 MW-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 15:01	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
M&P-Xylene	EPA 8260B	ND	ug/L	10	NAC	08/20/2007 / 15:01	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 15:01	
DIBROMOFLUOROMETHANE (SURR)		108	%		NAC	08/20/2007 / 15:01	
TOLUENE-D8 (SURROGATE)		103	%		NAC	08/20/2007 / 15:01	
4-BROMOFLUOROBENZENE (SURR)		97.5	%		NAC	08/20/2007 / 15:01	
TCL SEMIVOLATILES-WATER							
bis(2-Chloroethyl)ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Phenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2-Chlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
1,3-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
1,4-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
1,2-Dichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2,2'-oxybis(1-Chloropropane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2-Methyl Phenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Hexachloroethane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
N-Nitroso-di-n-propylamine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
3&4-Methyl Phenol	EPA 8270C	ND	ug/L	10	MVP	08/21/2007 / 13:24	
Nitrobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Isophorone	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2-Nitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2,4-Dimethylphenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
bis(2-Chloroethoxy)methane	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2,4-Dichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
1,2,4-Trichlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Naphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	

Sample: 022 MW-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Hexachlorobutadiene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
4-Chloroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
4-Chloro-3-methylphenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Hexachlorocyclopentadiene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2,4,6-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2,4,5-Trichlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2-Chloronaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Dimethyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2,6-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
3-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2,4-Dinitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Dibenzofuran	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2,4-Dinitrotoluene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
4-Nitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Fluorene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
4-Chlorophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Diethyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
4-Nitroaniline	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2-Methyl-4,6-dinitrophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
N-Nitrosodiphenylamine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
4-Bromophenyl Phenyl Ether	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Hexachlorobenzene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Pentachlorophenol	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	

Sample: 022 MW-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Chrysene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:24	
2-FLUOROPHENOL (SURR)		33.2	%		MVP	08/21/2007 / 13:24	
PHENOL-D5 (SURR)		21.6	%		MVP	08/21/2007 / 13:24	
NITROBENZENE-D5 (SURR)		74.6	%		MVP	08/21/2007 / 13:24	
2-FLUOROBIPHENYL (SURR)		71.8	%		MVP	08/21/2007 / 13:24	
2,4,6-TRIBROMOPHENOL (SURR)		69.3	%		MVP	08/21/2007 / 13:24	
TERPHENYL-D14 (SURR)		82.8	%		MVP	08/21/2007 / 13:24	
Pesticides/PCBs							
Pesticides-Water							
alpha-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
beta-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Aldrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Heptachlor	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
delta-BHC	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Endosulfan I	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
4,4'-DDE	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Dieldrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Endrin	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
4,4'-DDD	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Endosulfan II	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
4,4'-DDT	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	

Sample: 022 MW-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Methoxychlor	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Endrin Ketone	EPA 8081A	ND	ug/L	0.050	NAC	09/05/2007 / 14:00	
Chlordane	EPA 8081A	ND	ug/L	1.00	NAC	09/05/2007 / 14:00	
Toxaphene	EPA 8081A	ND	ug/L	1.00	NAC	09/05/2007 / 14:00	
TCMX (SURROGATE)		72.9	%		NAC	09/05/2007 / 14:00	
DCB (SURROGATE)		98.4	%		NAC	09/05/2007 / 14:00	
PCB-WATER							
PCB-1016	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1221	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1232	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1242	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1248	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1254	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1260	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
PCB-1262	EPA 8082	ND	ug/L	1.00	NAC	08/16/2007 / 15:30	
TCMX (SURROGATE)		81.0	%		NAC	08/16/2007 / 15:30	
DCB (SURROGATE)		71.2	%		NAC	08/16/2007 / 15:30	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	2.19	mg/L	0.150	PJS	08/15/2007 / 18:13	
Antimony	200.7, EPA 1987	ND	mg/L	0.0310	PJS	08/15/2007 / 18:13	
Barium	200.7, EPA 1987	0.120	mg/L	0.0100	PJS	08/15/2007 / 18:13	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0850	PJS	08/15/2007 / 18:13	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	PJS	08/15/2007 / 18:13	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	PJS	08/15/2007 / 18:13	
Chromium	200.7, EPA 1987	0.00636	mg/L	0.00600	PJS	08/15/2007 / 18:13	
Calcium	200.7, EPA 1987	124	mg/L	0.500	PJS	08/15/2007 / 18:13	
Copper	200.7, EPA 1987	0.00813	mg/L	0.00500	PJS	08/15/2007 / 18:13	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:13	
Iron	200.7, EPA 1987	3.07	mg/L	0.100	PJS	08/15/2007 / 18:13	
Magnesium	200.7, EPA 1987	21.0	mg/L	0.500	PJS	08/15/2007 / 18:13	
Lead	200.7, EPA 1987	0.0109	mg/L	0.0100	PJS	08/15/2007 / 18:13	
Manganese	200.7, EPA 1987	0.489	mg/L	0.00700	PJS	08/15/2007 / 18:13	
Mercury	EPA 245.2	ND	mg/L	0.000200	TDJ	08/15/2007 / 14:29	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	PJS	08/15/2007 / 18:13	

Sample: 022 MW-12
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Potassium	200.7, EPA 1987	8.66	mg/L	0.500	PJS	08/15/2007 / 18:13	
Sodium	200.7, EPA 1987	59.3	mg/L	2.00	PJS	08/15/2007 / 18:13	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 18:13	
Selenium	200.7, EPA 1987	0.0403	mg/L	0.0200	PJS	08/15/2007 / 18:13	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:13	
Thallium	200.7, EPA 1987	ND	mg/L	0.0650	PJS	08/15/2007 / 18:13	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:13	
Pesticide Water Extraction		1.00	L		TLL	08/15/2007 / 10:09	
PCB WATER EXTRACTION		1.00			TLL	08/15/2007 / 10:08	

Sample: 023 FIELD BLANK
Collection Date: 08/08/2007
Matrix: WATER

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Acetone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 11:37	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 11:37	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 11:37	

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Workorder No. 0708-00103

Sample: 023 **FIELD BLANK**
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Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Phenanthrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Di-n-butylphthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Butyl Benzyl Phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
3,3'-Dichlorobenzidine	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Chrysene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
bis(2-Ethylhexyl)phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Di-n-octyl phthalate	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 13:54	
2-FLUOROPHENOL (SURR)		51.4	%		MVP	08/21/2007 / 13:54	
PHENOL-D5 (SURR)		33.9	%		MVP	08/21/2007 / 13:54	
NITROBENZENE-D5 (SURR)		78.8	%		MVP	08/21/2007 / 13:54	
2-FLUOROBIPHENYL (SURR)		76.3	%		MVP	08/21/2007 / 13:54	
2,4,6-TRIBROMOPHENOL (SURR)		93.1	%		MVP	08/21/2007 / 13:54	
TERPHENYL-D14 (SURR)		87.5	%		MVP	08/21/2007 / 13:54	
Pesticides/PCBs							
Pesticides-Water							
alpha-BHC	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
beta-BHC	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Aldrin	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Heptachlor	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
delta-BHC	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Endosulfan I	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
4,4'-DDE	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	

Sample: 023 **FIELD BLANK**
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dieldrin	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Endrin	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
4,4'-DDD	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Endosulfan II	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
4,4'-DDT	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Methoxychlor	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Endrin Ketone	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 18:00	
Chlordane	EPA 8081A	ND	ug/L	1.1	NAC	09/05/2007 / 18:00	
Toxaphene	EPA 8081A	ND	ug/L	1.1	NAC	09/05/2007 / 18:00	
TCMX (SURROGATE)		77.3	%		NAC	09/05/2007 / 18:00	
DCB (SURROGATE)		95.7	%		NAC	09/05/2007 / 18:00	
PCB-WATER							
PCB-1016	EPA 8082	ND	ug/L	1.1	NAC	08/16/2007 / 15:30	
PCB-1221	EPA 8082	ND	ug/L	1.1	NAC	08/16/2007 / 15:30	
PCB-1232	EPA 8082	ND	ug/L	1.1	NAC	08/16/2007 / 15:30	
PCB-1242	EPA 8082	ND	ug/L	1.1	NAC	08/16/2007 / 15:30	
PCB-1248	EPA 8082	ND	ug/L	1.1	NAC	08/16/2007 / 15:30	
PCB-1254	EPA 8082	ND	ug/L	1.1	NAC	08/16/2007 / 15:30	
PCB-1260	EPA 8082	ND	ug/L	1.1	NAC	08/16/2007 / 15:30	
PCB-1262	EPA 8082	ND	ug/L	1.1	NAC	08/16/2007 / 15:30	
TCMX (SURROGATE)		83.7	%		NAC	08/16/2007 / 15:30	
DCB (SURROGATE)		74.2	%		NAC	08/16/2007 / 15:30	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	ND	mg/L	0.150	PJS	08/15/2007 / 18:17	
Antimony	200.7, EPA 1987	ND	mg/L	0.0310	PJS	08/15/2007 / 18:17	
Barium	200.7, EPA 1987	ND	mg/L	0.0100	PJS	08/15/2007 / 18:17	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0850	PJS	08/15/2007 / 18:17	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	PJS	08/15/2007 / 18:17	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	PJS	08/15/2007 / 18:17	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	PJS	08/15/2007 / 18:17	
Calcium	200.7, EPA 1987	1.03	mg/L	0.500	PJS	08/15/2007 / 18:17	
Copper	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 18:17	

Sample: 023 **FIELD BLANK**
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:17	
Iron	200.7, EPA 1987	ND	mg/L	0.100	PJS	08/15/2007 / 18:17	
Magnesium	200.7, EPA 1987	ND	mg/L	0.500	PJS	08/15/2007 / 18:17	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	PJS	08/15/2007 / 18:17	
Manganese	200.7, EPA 1987	ND	mg/L	0.00700	PJS	08/15/2007 / 18:17	
Mercury	EPA 245.2	ND	mg/L	0.000200	TDJ	08/15/2007 / 14:29	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	PJS	08/15/2007 / 18:17	
Potassium	200.7, EPA 1987	ND	mg/L	0.500	PJS	08/15/2007 / 18:17	
Sodium	200.7, EPA 1987	2.31	mg/L	2.00	PJS	08/15/2007 / 18:17	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 18:17	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	PJS	08/15/2007 / 18:17	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:17	
Thallium	200.7, EPA 1987	ND	mg/L	0.0650	PJS	08/15/2007 / 18:17	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:17	
Pesticide Water Extraction		0.900	L		TLL	08/15/2007 / 10:09	
PCB WATER EXTRACTION		0.900			TLL	08/15/2007 / 10:08	

Sample: 024 **TRIP BLANK**
Collection Date: 08/08/2007
Matrix: WATER

Received Date: 08/13/2007 **Time:** 9:00:00AM

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Acetone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 12:06	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Methylene Chloride	EPA 8260B	5	ug/L	5.0	NAC	08/20/2007 / 12:06	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	

Sample: 024 TRIP BLANK
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 12:06	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 12:06	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 12:06	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
M&P-Xylene	EPA 8260B	ND	ug/L	10	NAC	08/20/2007 / 12:06	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Styrene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
Bromoform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
1,1,2,2-Tetrachloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:06	
DIBROMOFLUOROMETHANE (SURR)		108	%		NAC	08/20/2007 / 12:06	
TOLUENE-D8 (SURROGATE)		102	%		NAC	08/20/2007 / 12:06	
4-BROMOFLUOROBENZENE (SURR)		96.8	%		NAC	08/20/2007 / 12:06	

Sample: 025 RINSATE BLANK
Collection Date: 08/08/2007 **Received Date: 08/13/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual

Sample: 025 RINSATE BLANK
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TCL VOLATILES-WATER							
Vinyl Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Chloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Bromomethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Chloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Acetone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 12:36	
1,1-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Carbon Disulfide	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Methylene Chloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Methyl-Tert-Butyl-Ether	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
trans-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
1,1-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
cis-1,2-Dichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
2-Butanone-(MEK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 12:36	
Chloroform	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
1,1,1-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Carbon Tetrachloride	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Benzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
1,2-Dichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Trichloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
1,2-Dichloropropane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
4-Methyl-2-Pentanone (MIBK)	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 12:36	
cis-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Toluene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
trans-1,3-Dichloropropene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Bromodichloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
1,1,2-Trichloroethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
2-Hexanone	EPA 8260B	ND	ug/L	25	NAC	08/20/2007 / 12:36	
Tetrachloroethylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Dibromochloromethane	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Chlorobenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
Ethylbenzene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	
M&P-Xylene	EPA 8260B	ND	ug/L	10	NAC	08/20/2007 / 12:36	
O-Xylene	EPA 8260B	ND	ug/L	5.0	NAC	08/20/2007 / 12:36	

Sample: 025 RINSATE BLANK
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 14:23	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	MVP	08/21/2007 / 14:23	
2-FLUOROPHENOL (SURR)		47.3	%		MVP	08/21/2007 / 14:23	
PHENOL-D5 (SURR)		30.6	%		MVP	08/21/2007 / 14:23	
NITROBENZENE-D5 (SURR)		77.3	%		MVP	08/21/2007 / 14:23	
2-FLUOROBIPHENYL (SURR)		74.2	%		MVP	08/21/2007 / 14:23	
2,4,6-TRIBROMOPHENOL (SURR)		85.7	%		MVP	08/21/2007 / 14:23	
TERPHENYL-D14 (SURR)		84.9	%		MVP	08/21/2007 / 14:23	
Pesticides/PCBs							
Pesticides-Water							
alpha-BHC	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
gamma-BHC (Lindane)	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
beta-BHC	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Aldrin	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Heptachlor	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
delta-BHC	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Heptachlor Epoxide	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Endosulfan I	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
4,4'-DDE	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Dieldrin	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Endrin	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
4,4'-DDD	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Endosulfan II	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Endrin Aldehyde	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
4,4'-DDT	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Endosulfan Sulfate	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Methoxychlor	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Endrin Ketone	EPA 8081A	ND	ug/L	0.06	NAC	09/05/2007 / 13:01	
Chlordane	EPA 8081A	ND	ug/L	1.2	NAC	09/05/2007 / 13:01	
Toxaphene	EPA 8081A	ND	ug/L	1.2	NAC	09/05/2007 / 13:01	
TCMX (SURROGATE)		72.4	%		NAC	09/05/2007 / 13:01	
DCB (SURROGATE)		83.4	%		NAC	09/05/2007 / 13:01	
PCB-WATER							
PCB-1016	EPA 8082	ND	ug/L	1.2	NAC	08/16/2007 / 13:00	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 025 RINSATE BLANK
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB-1221	EPA 8082	ND	ug/L	1.2	NAC	08/16/2007 / 13:00	
PCB-1232	EPA 8082	ND	ug/L	1.2	NAC	08/16/2007 / 13:00	
PCB-1242	EPA 8082	ND	ug/L	1.2	NAC	08/16/2007 / 13:00	
PCB-1248	EPA 8082	ND	ug/L	1.2	NAC	08/16/2007 / 13:00	
PCB-1254	EPA 8082	ND	ug/L	1.2	NAC	08/16/2007 / 13:00	
PCB-1260	EPA 8082	ND	ug/L	1.2	NAC	08/16/2007 / 13:00	
PCB-1262	EPA 8082	ND	ug/L	1.2	NAC	08/16/2007 / 13:00	
TCMX (SURROGATE)		82.1	%		NAC	08/16/2007 / 13:00	
DCB (SURROGATE)		71.3	%		NAC	08/16/2007 / 13:00	
Target Analyte List Metals							
Aluminum	200.7, EPA 1987	ND	mg/L	0.150	PJS	08/15/2007 / 18:21	
Antimony	200.7, EPA 1987	ND	mg/L	0.0310	PJS	08/15/2007 / 18:21	
Barium	200.7, EPA 1987	ND	mg/L	0.0100	PJS	08/15/2007 / 18:21	
Arsenic	200.7, EPA 1987	ND	mg/L	0.0850	PJS	08/15/2007 / 18:21	
Beryllium	200.7, EPA 1987	ND	mg/L	0.00250	PJS	08/15/2007 / 18:21	
Cadmium	200.7, EPA 1987	ND	mg/L	0.00110	PJS	08/15/2007 / 18:21	
Chromium	200.7, EPA 1987	ND	mg/L	0.00600	PJS	08/15/2007 / 18:21	
Calcium	200.7, EPA 1987	0.596	mg/L	0.500	PJS	08/15/2007 / 18:21	
Copper	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 18:21	
Cobalt	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:21	
Iron	200.7, EPA 1987	ND	mg/L	0.100	PJS	08/15/2007 / 18:21	
Magnesium	200.7, EPA 1987	ND	mg/L	0.500	PJS	08/15/2007 / 18:21	
Lead	200.7, EPA 1987	ND	mg/L	0.0100	PJS	08/15/2007 / 18:21	
Manganese	200.7, EPA 1987	ND	mg/L	0.00700	PJS	08/15/2007 / 18:21	
Mercury	EPA 245.2	ND	mg/L	0.000200	TDJ	08/15/2007 / 14:29	
Nickel	200.7, EPA 1987	ND	mg/L	0.0400	PJS	08/15/2007 / 18:21	
Potassium	200.7, EPA 1987	ND	mg/L	0.500	PJS	08/15/2007 / 18:21	
Sodium	200.7, EPA 1987	ND	mg/L	2.00	PJS	08/15/2007 / 18:21	
Silver	200.7, EPA 1987	ND	mg/L	0.00500	PJS	08/15/2007 / 18:21	
Selenium	200.7, EPA 1987	ND	mg/L	0.0200	PJS	08/15/2007 / 18:21	
Zinc	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:21	
Thallium	200.7, EPA 1987	ND	mg/L	0.0650	PJS	08/15/2007 / 18:21	
Vanadium	200.7, EPA 1987	ND	mg/L	0.0500	PJS	08/15/2007 / 18:21	
Pesticide Water Extraction		0.850	L		TLL	08/15/2007 / 10:09	

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Customer: Eisenbach & Ruhnke Engineering

Workorder No. 0708-00103

Sample: 025 **RINSATE BLANK**
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PCB WATER EXTRACTION		0.850			TLL	08/15/2007 / 10:08	

B	Analyte was detected in the associated Method Blank.
G	Surrogate recoveries are not reported due to sample dilution.
G2	Surrogate recovery was above acceptance limits.
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
J	Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).
R10	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the lower value was reported due to apparent chromatographic problems.
RL7	Sample required a dilution due to high concentrations of target analytes.

To the best of my knowledge this report is true and accurate.

Authorized By: Nicole Cortese Date: 9/10/07

Nicole Cortese, Environmental Laboratory Manager

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

0708-103

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DUE DATE:
☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☐ 7 DAY ☒ 10 DAY

TEMP UPON RECEIPT: 4.0°C

DATA PACKAGE: ASP Appendix B

P.O.#: 05523

COMPANY: Eisenbach + Ruhnke Engineering, PC

ADDRESS: 291 Genesee Street, Utica, NY 13501

PHONE: (315) 735-1916 FAX 1: (315) 735-6365 FAX 2:

CLIENT CONTACT: Mark Ruhnke EMAIL: mruhnke@erengpc.com

PROJECT NAME: Kaplan's PROJECT NUMBER: 05523 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE PH AT LOGIN	PCBs TCL	Notes:
1	PCB-01	S		G	1	8/8		MPR	C			X	
2	PCB-02	"		"	1	"		"	"			X	
3	PCB-03	"		"	1	"		"	"			X	
4	PCB-04	"		"	1	"		"	"			X	
5	PCB-05	"		"	1	"		"	"			X	
6	PCB-06	"		"	1	"		"	"			X	
7	PCB-07	"		"	1	"		"	"			X	
8	PCB-08	"		"	1	"		"	"			X	
9	PCB-09	"		"	1	"		"	"			X	
10	PCB-10	"		"	1	"		"	"			X	
11	PCB-12	"		"	1	"		"	"			X	

SAMPLED BY: (PRINT) MARK RUHNKE	DATE: 8/8/07	RECEIVED BY: (PRINT)	DATE:
(SIGN) Mark Ruhnke	TIME: 5:00 PM	(SIGN)	TIME:
RELINQUISHED BY: (PRINT) MARK RUHNKE	DATE: 8/10/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 11:00 AM	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) Nicole Cortese	DATE: 8/13/07
(SIGN)	TIME:	(SIGN) Nicole Cortese	TIME: 9:00

0708-103

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TEMP UPON RECEIPT: 4.0°C

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P.O.# 05523

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ADDRESS: 291 Genesee Street, Utica, NY 13501

PHONE: (315) 735-1916 FAX 1: (315) 735-6365 FAX 2:

CLIENT CONTACT: Mark Ruhnke EMAIL: mruhnke@erengpc.com

PROJECT NAME: Kaplan's PROJECT NUMBER: 05523 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	TCL VOC's	TCL SVOC's	TCL PCB's / Aroclors	TCL Pesticides	TAL Metals	Notes:
12	PCB-13	S			1	8/8		MPR	C					X			
13	PCB-15	〃			1	〃		〃	〃					X			
14	SS-10	〃			2	〃		〃	〃			X	X	X	X	X	
15	SS-11	〃			2	〃		〃	〃			X	X	X	X	X	
16	SS-12	〃			2	〃		〃	〃			X	X	X	X	X	
17	SS-13	↓			2	↓		↓	↓			X	X	X	X	X	

SAMPLED BY: (PRINT) MARK RUHNKE	DATE: 8/8/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT) MARK RUHNKE	DATE: 8/10/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) Nicole Cortese	DATE: 8/13/07
(SIGN)	TIME:	(SIGN)	TIME: 9:00

0708-103

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DATA PACKAGE: ASP Appendix B

PAGE 3 OF 3

TEMP UPON RECEIPT: 4.0°C

P.O.# 05523

COMPANY: Eisenbach & Ruhnke Engineering, PC

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PHONE: (315) 735-1916 FAX 1: (315) 735-6365 FAX 2:

CLIENT CONTACT: Mark Ruhnke EMAIL: mruhnke@erengpc.com

PROJECT NAME: Kaplan's PROJECT NUMBER: 05523 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

Lab ID	Client Sample Identification	Matrix	Container Size	Container Type	Container #	Sampling Date	Sampling Time	Sampling Tech	Grab (G) or Composite (C)	Preservatives	Sample pH at Login	VOCs TCL	SVOCs TCL	PCB's/Aroclors TCL	Pesticides TCL	TAL Metals		Notes
18	mw-8	A			5	8/8		mPR	G		6/2	X	X	X	X	X		
19	mw-8 Dup				5						6/2	X	X	X	X	X		
20	mw-9				5						6/2	X	X	X	X	X		
21	mw-11				5						6/2	X	X	X	X	X		
22	mw-12				5						6/2	X	X	X	X	X		
23	Field Blank				5						5/2							
24	Trip Blank				4						—	AJ NEEDED FOR ASP DATA PACKAGE						
25	Rinsate Blank				5						5/2							

SAMPLED BY: (PRINT) Mark Ruhnke	DATE: 8/8/07	RECEIVED BY: (PRINT)	DATE:
(SIGN) [signature]	TIME: /	(SIGN)	TIME:
RELINQUISHED BY: (PRINT) Mark Ruhnke	DATE: 8/10/07	RECEIVED BY: (PRINT)	DATE:
(SIGN) [signature]	TIME: 11:00AM	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) Nicole Cortese	DATE: 8/13/07
(SIGN)	TIME:	(SIGN) [signature]	TIME: 9:00

From: Origin ID: UCAA (315)735-1916
Susan Beadle
EISENBACH & RUHNKE ENG., P.C
291 GENESEE ST

UTICA, NY 13501

FedEx Express

Ship Date: 10AUG07
ActWgt: 75 LB
System#: 5901978/INET7061
Account#: S *********

Delivery Address Bar Code

Ref # 05523
Invoice #
PO #
Dept #

SHIP TO: (888)724-5221 BILL SENDER

Mr. Mark Porta
AmeriSci Boston
8 School Street

Weymouth, MA 02189

TRK# 0201 7991 9119 7475

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AmeriSci Boston

SCI-SOP-1003

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CLIENTS JOB: Kaplans	RECEIVED BY: MAC
RECEIVED DATE: 8/13/07	SHIPPING METHOD: Fed Ex
TEMP UPON RECEIPT: 4°C	

"No" responses must be explained in the comment section below.

Checklist	YES	NO	NA
Were custody seals on shipping container(s) intact? Check "NA" if no seals, or if containers were hand delivered.	✓		
Were Chain of Custody Forms included with the samples?	✓		
Were Chain of Custody Forms properly filled out (ink, signed, etc.)	✓		
Were all containers received in good condition (Check for breakage/ leaks)?	✓		
Were all containers labeled with required information (Sample Id, date, signed, analysis, preservation)?	✓		
Were the correct containers used for the tests indicated?	✓		
Were proper preservation techniques indicated?	✓		
Were samples received within holding times? If "NO" nonconformance form is required.	✓		
Were all VOA bottles checked for the presence of air bubbles? If bubbles were found please note in the comment section.	✓		
Were samples in direct contact with wet ice? If "NO" check one: Blue Ice No Ice	✓		
s sample temperature recorded ? If "NO" check one: Unable to record Temp taken near amples	✓		
Were pHs of samples checked and recorded on the COC forms?	✓		
Did the laboratory accept samples?	✓		
Will samples be subcontracted? If "yes" list subcontractor and tests n specified sections below.		✓	

ubcontractor: Date Sent Out:

nalyses Sent:

ogin Technician: MAC Login Review:

Comments:

Samples Received At AmeriSci Boston on 8/11/07.
Cooler Temp Recorded on cooler Top + put in within.
COC Signed 8/13/07.

APPENDIX D

Summary Tables and Sampling Figures from Environmental Investigation for Kaplan's Scrap Yard, Completed by Eisenbach and Ruhnke Engineering, P.C, dated September 15, 2005

LIST OF TABLES

List of Figures

ENVIRONMENTAL INVESTIGATION

KAPLAN'S SCRAP YARD INC.
104 E. WOODLAWN AVENUE
ELMIRA, NEW YORK

E&R PROJECT NO: 05523

(NYSDEC SPILL #0505709)

ENVIRONMENTAL INVESTIGATION

KAPLAN'S SCRAP YARD INC.
104 E. WOODLAWN AVENUE
ELMIRA, NEW YORK

Prepared For:
EMPIRE RECYCLING CORPORATION
North Genesee Street & Lee St
Utica, NY 13502

E&R PROJECT NO: 05523

DATE ISSUED: September 15, 2005

Prepared By:
EISENBACH AND RUHNKE ENGINEERING, P.C.
291 Genesee Street
Utica, New York 13501

Mark P. Ruhnke, P.E.
Vice President

Table 1 - Kaplan's Scrap Yard

E&R - 5/12/06

Summary of Subsurface Soil Sample Results - VOC Analysis

Volatiles-VOC (EPA 8260)	*NYSDEC STARS** ug/kg	*B-1, 4-10'* ug/kg	*B-2, 2-8'* ug/kg	*B-3, 8-10'* ug/kg	*B-4, 4-10'* ug/kg	*B-5 4-8'* ug/kg	*B-6 6-10'* ug/kg	*B-7, 8-10'* ug/kg
1,1,1,2-Tetrachloroethane	NS	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NS	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	NS	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	NS	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	NS	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	100	ND	ND	17300	ND	ND	26	416
1,2-Dibromo-3-Chloropropane	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NS	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	100	ND	ND	10200	ND	ND	30.9	453
1,3-Dichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	NS	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	NS	ND	ND	ND	ND	ND	ND	ND
2-Butanone-(MEK)	NS	77.2	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	NS	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NS	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NS	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NS	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	100	ND	ND	1920	ND	ND	ND	63.1
4-Methyl-2-Pentanone (MIBK)	NS	ND	ND	ND	ND	ND	ND	ND
Acetone	NS	108	87.1	ND	80.2	88.2	86.6	257
Acrolein	NS	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	NS	ND	ND	ND	ND	ND	ND	ND
Benzene	14	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	NS	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	NS	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NS	ND	ND	ND	ND	ND	ND	ND
Bromoform	NS	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NS	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	NS	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	NS	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NS	ND	ND	ND	ND	ND	ND	ND
Chloroform	NS	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NS	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	NS	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NS	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NS	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100	ND	ND	1020	ND	ND	ND	37.7
Hexachlorobutadiene	NS	ND	ND	ND	ND	ND	ND	ND
Iodomethane	NS	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	100	ND	ND	1380	ND	ND	ND	68.6
Methylene Chloride	NS	56.1	ND	ND	ND	ND	ND	32.9
Methyl-Tert-Butyl-Ether	NS	ND	ND	ND	ND	ND	ND	ND
Naphthalene	200	ND	ND	18400	ND	ND	19.7	627
n-Butylbenzene	100	ND	ND	1970	ND	ND	ND	57.6
n-Propylbenzene	100	ND	ND	2140	ND	ND	ND	74.6
O-XYLENE	100	ND	ND	1990	ND	ND	ND	112
sec-Butylbenzene	100	ND	ND	ND	ND	ND	ND	ND
Styrene	NS	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	100	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	NS	ND	ND	715	ND	ND	ND	ND
Toluene	100	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	NS	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NS	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	NS	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NS	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	NS	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	NS	ND	ND	ND	ND	ND	ND	ND
Total VOC		*241.3*	*87.1*	*57035*	*80.2*	*88.2*	*163.2*	*2199.5*

See end of Table for footnotes

Table 1 (continued) - Kaplan's Scrap Yard

Summary of Subsurface Soil Sample Results - SVOC Analysis

E&R - 5/12/06

Volatiles-SVOC (EPA 8270C)	*NYSDEC STARS**	*B-1 4-10'*	*B-2 2-8'*	*B-3 8-10'*	*B-4 4-10'*	*B-5 4-8'*	*B-6 6-10'*	*B-7 8-10'*
	ug/kg	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
1,2,4-Trichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane	NS	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NS	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NS	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NS	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NS	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NS	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	NS	ND	ND	ND	ND	ND	ND	ND
Acenapthene	400	ND	ND	6200	ND	ND	ND	ND
Anthracene	1000	ND	ND	10000	ND	ND	ND	ND
Benzidine	NS	ND	ND	ND	ND	ND	ND	ND
Benzo (g,h,i) perylene	0.04	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.04	ND	ND	10000	ND	700	ND	ND
Benzo(a)pyrene	0.04	ND	ND	8200	ND	700	ND	ND
Benzo(b)fluoranthene	0.04	ND	ND	6100	ND	1100	ND	ND
Benzo(k)fluoranthene	0.04	ND	ND	6000	ND	660	ND	ND
bis(2-Chloroethyl)ether	NS	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	NS	ND	ND	ND	ND	ND	ND	ND
Butyl Benzyl Phthalate	NS	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.04	ND	ND	12000	ND	960	ND	ND
Dibenzo(a,h)Anthracene	1000	ND	ND	ND	ND	ND	ND	ND
Diethyl Phthalate	NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	NS	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	NS	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1000	ND	ND	20000	ND	1000	ND	ND
Fluorene	1000	ND	ND	12000	ND	ND	ND	ND
Hexachlorobenzene	NS	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NS	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NS	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NS	ND	ND	ND	ND	ND	ND	ND
Indeno (1,2,3-cd)Pyrene	0.04	ND	ND	ND	ND	ND	ND	ND
Isophorone	NS	ND	ND	ND	ND	ND	ND	ND
Naphthalene	200	ND	ND	15000	ND	ND	ND	ND
Nitrobenzene	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NS	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	NS	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	1000	ND	ND	36000	ND	ND	ND	ND
Phenol	NS	ND	ND	ND	ND	ND	ND	ND
Pyrene	1000	ND	ND	35000	590	1200	ND	1200
Total SVOC		*ND*	*ND*	*176500*	*590*	*6320*	*ND*	*1200*

* STARS - NYSDEC's Spill Technology And Remediation Series Memo #1 - Alternative Guidance Values (Tables 1 & 2)

NS - Not Specified in DEC STARS memo Guidance Values Tables

ND - Not Detected

BOLD values indicate results that exceeded the Guidance Values

See laboratory report for analysis Qualifiers

Table 1 - Kaplan's Scrap Yard

Summary of Subsurface Soil Sample Results - VOC Analysis

E&R - 5/12/06

Volatiles-VOC (EPA 8260)	*NYSDEC SCO* ug/kg	*B-1 4-10'* ug/kg	*B-2 2-8'* ug/kg	*B-3 8-10'* ug/kg	*B-4 4-10'* ug/kg	*B-5 4-8'* ug/kg	*B-6 6-10'* ug/kg	*B-7 8-10'* ug/kg
1,1,1,2-Tetrachloroethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1000000	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	480000	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	1000000	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	380000	ND	ND	17300	ND	ND	26	416
1,2-Dibromo-3-Chloropropane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1000000	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	60000	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	380000	ND	ND	10200	ND	ND	30.9	453
1,3-Dichlorobenzene	560000	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	250000	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
2-Butanone-(MEK)	1000000 NS	77.2	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	1000000 NS	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	1000000 NS	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	1000000 NS	ND	ND	1920	ND	ND	ND	63.1
4-Methyl-2-Pentanone (MIBK)	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Acetone	1000000	108	87.1	ND	80.2	88.2	86.6	257
Acrolein	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Benzene	89000	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Bromoform	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Bromomethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	44000	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1000000	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Chloroform	700000	ND	ND	ND	ND	ND	ND	ND
Chloromethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	1000000	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	780000	ND	ND	1020	ND	ND	ND	37.7
Hexachlorobutadiene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Iodomethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	1000000 NS	ND	ND	1380	ND	ND	ND	68.6
Methylene Chloride	1000000	56.1	ND	ND	ND	ND	ND	32.9
Methyl-Tert-Butyl-Ether	1000000	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1000000	ND	ND	18400	ND	ND	19.7	627
n-Butylbenzene	1000000	ND	ND	1970	ND	ND	ND	57.6
n-Propylbenzene	1000000	ND	ND	2140	ND	ND	ND	74.6
O-XYLENE	1000000 *	ND	ND	1990	ND	ND	ND	112
sec-Butylbenzene	1000000	ND	ND	ND	ND	ND	ND	ND
Styrene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	1000000	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	51000	ND	ND	715	ND	ND	ND	ND
Toluene	1000000	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	1000000	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	400000	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	27000	ND	ND	ND	ND	ND	ND	ND
See end of Table for footnotes	**Total VOC**	241.3	87.1	57035	80.2	88.2	163.2	2199.5

Table 1 (continued) - Kaplan's Scrap Yard

Summary of Subsurface Soil Sample Results - SVOC Analysis

E&R - 5/12/06	NYSDEC SCO	B-1 4-10'	B-2 2-8'	B-3 8-10'	B-4 4-10'	B-5 4-8'	B-6 6-10' CO	B-7 8-10'
Volatiles-SVOC (EPA 8270C)								
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1,2,4-Trichlorobenzene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1000000	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	560000	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	250000	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	1000000 NS	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	1000000	ND	ND	ND	ND	ND	ND	ND
Acenapthene	1000000	ND	ND	6200	ND	ND	ND	ND
Anthracene	1000000	ND	ND	10000	ND	ND	ND	ND
Benzidine	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Benzo (g,h,i) perylene	1000000	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	11000	ND	ND	10000	ND	700	ND	ND
Benzo(a)pyrene	1100	ND	ND	8200	ND	700	ND	ND
Benzo(b)fluoranthene	11000	ND	ND	6100	ND	1100	ND	ND
Benzo(k)fluoranthene	110000	ND	ND	6000	ND	660	ND	ND
bis(2-Chloroethyl)ether	1000000 NS	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Butyl Benzyl Phthalate	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Chrysene	110000	ND	ND	12000	ND	960	ND	ND
Dibenzo(a,h)Anthracene	1100	ND	ND	ND	ND	ND	ND	ND
Diethyl Phthalate	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1000000 NS	ND	ND	20000	ND	1000	ND	ND
Fluorene	1000000 NS	ND	ND	12000	ND	ND	ND	ND
Hexachlorobenzene	12000	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Indeno (1,2,3-cd)Pyrene	11000	ND	ND	ND	ND	ND	ND	ND
Isophorone	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1000000	ND	ND	15000	ND	ND	ND	ND
Nitrobenzene	1000000 NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	1000000 NS	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	1000000 NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1000000 NS	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	55000	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	1000000	ND	ND	36000	ND	ND	ND	ND
Phenol	1000000	ND	ND	ND	ND	ND	ND	ND
Pyrene	1000000	ND	ND	35000	590	1200	ND	1200
	Total SVOC	***ND***	***ND***	***176500***	***590***	***6320***	***ND***	***1200***

SCO - Soil Cleanup Objectives from DEC Brownfield Cleanup Program - Nov 05 - Restricted Industrial Use

NS - Not Specified in DEC Brownfield Cleanup Program Track 2 SCO

* SCO is reported as total xylene

ND - Not Detected

BOLD values indicate results that exceeded the TOGS limit

See laboratory report for analysis Qualifiers

Table 2 - Kaplan's Scrap Yard

Summary of On-site Surface Soil Sample Results - Metals and PCB Analysis

Eisenbach & Ruhnke - 5/12/06

	NYSDEC SCO	Background level*	B-1 4-10'	B-2 2-8'	B-3 8-10'	B-4 4-10'	B-5 4-8'	B-6 6-10'	B-7 8-10'	SS-1	SS-2	SS-3	SS-4	SS-5
RCRA Metals			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	16	12.9	8.77	8.17	10.4	4.86	3.7	6.3	5.35	**21.7**	6.06	12.5	24.9	**36.2**
Barium	27000	219	241	118	276	304	161	37.7	532	555	48.7	292	737	1160
Cadmium	60	2.71	ND	4.59	ND	1.28	1.63	ND	ND	83.5	0.543	10.5	22.7	37.5
Chromium	800	81	19	27	21.5	28.5	24.8	16.7	26.6	104	13.5	50.5	228	**5120**
Lead	3900	2200	39.4	115	206	1200	203	10.5	196	2780	65.7	617	1600	3170
Mercury	5.7	0.215	0.0592	0.457	**3.56**	0.255	0.649	ND	0.489	8.91	0.149	2.34	6.28	**9.53**
Selenium	6800	ND	ND	ND	4.76	ND	2.94	2.53	4.37	ND	ND	ND	ND	ND
Silver	6800	ND	ND	ND	ND	0.505	**2.11**	0.503	ND	4.31	ND	0.432	3.09	1.94

	NYSDEC SCO	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8
PCB 8082		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PCB-1016		ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221		ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232		ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242		ND	ND	ND	709	1500	3380	4340	ND
PCB-1248		ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254		**34900**	ND	168	ND	ND	9490	**58300**	9210
PCB-1260		ND	ND	ND	ND	837	ND	ND	ND
PCB-1262		ND	ND	ND	ND	ND	ND	ND	ND
PCB-1268		ND	ND	ND	ND	ND	ND	ND	ND
Total PCB's	25000	**34900**	ND	168	709	2337	12870	**62640**	9210

SCO - Soil Cleanup Objectives from DEC Brownfield Cleanup Program - Nov 05 - Restricted Industrial Use

ND Not Detected

* Background level - highest contaminant concentration found in Off-Site samples is used as upper limit as per Draft DER-10 Technical Guidance - Dec 2002

BOLD values indicate results that exceeded the TOGS limit

See laboratory report for analysis Qualifiers

Table 3 - Kaplan's Scrap Yard

Summary of Background (OFF-SITE) Soil Sample Results - RCRA Metals

E&R - 5/12/06	NYSDEC SCO	Background level*	BG-1	BG-2	BG-3	BG-4	BG-5
RCRA Metals			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	16	12.9	12.9	5.68	12	10.8	10.1
Barium	27000	219	219	96	64.2	93.5	63.9
Cadmium	60	2.71	2.71	ND	0.557	0.547	ND
Chromium	800	81	81	9.95	11.4	13.7	18
Lead	3900	2200	2200	34.1	77.9	74.3	51.4
Mercury	5.7	0.215	0.215	ND	0.0902	0.105	0.0513
Selenium	6800	ND	ND	ND	ND	ND	ND
Silver	6800	ND	ND	ND	ND	ND	ND

SCO - Soil Cleanup Objectives from DEC Brownfield Cleanup Program - Nov 05 - Restricted Industrial Use

ND - Not Detected

* Background level - highest contaminant concentration found in Off-Site samples is used as upper limit as per Draft DER-10 Technical Guidance - Dec 2002

BOLD values indicate results that exceeded the TOGS limit

See laboratory report for analysis Qualifiers

Table 4 - Kaplan's Scrap Yard

Summary of Groundwater Sample Results - VOC Analysis

E&R - 5/12/06

Volatiles-VOC (EPA 8260B)	NYSDEC TOGS	MW-1 ug/L	MW-2 ug/L	MW-3 ug/L	MW-4 ug/L	MW-5 ug/L
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND
1,1-Dichloropropene		ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.04	ND	ND	ND	ND	ND
1,2-Dibromoethane	0.0006	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND
2-Butanone-(MEK)		ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether		ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND
2-Hexanone		ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND
4-Isopropyltoluene	5	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)		ND	ND	ND	ND	ND
Acetone		ND	ND	ND	ND	ND
Acrolein	5	ND	ND	ND	ND	ND
Acrylonitrile	5	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4 cis & trans	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND
Iodomethane	5	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND
M & P-XYLENE	10	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND
Methyl-Tert-Butyl-Ether		ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
O-XYLENE	5	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4 cis & trans	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND
Vinyl Acetate		ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND

See end of Table for footnotes

Total VOC — **No Volatile Organic Carbon Compounds were detected**

Table 4 (continued) - Kaplan's Scrap Yard

Summary of Groundwater Sample Results - SVOC Analysis

E&R - 5/12/06	NYSDEC TOGS	MW-1	MW-2	MW-3	MW-4	MW-5
Volatiles-SVOC (EPA 8270C)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane	5	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	5	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	ND	ND	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	5	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	NS	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	NS	ND	ND	ND	ND	ND
Acenaphthylene	NS	ND	ND	ND	ND	ND
Acenapthene	20	ND	ND	ND	ND	ND
Anthracene	NS	ND	ND	ND	ND	ND
Benzidine	5	ND	ND	ND	ND	ND
Benzo (g,h,i) perylene	NS	ND	ND	ND	ND	ND
Benzo(a)anthracene	NS	ND	ND	ND	ND	ND
Benzo(a)pyrene	NS	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	NS	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	NS	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	1	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ND	ND	ND	ND	ND
Butyl Benzyl Phthalate	NS	ND	ND	ND	ND	ND
Chrysene	NS	ND	ND	ND	ND	ND
Dibenzo(a,h)Anthracene	NS	ND	ND	ND	ND	ND
Diethyl Phthalate	NS	ND	ND	ND	ND	ND
Dimethyl Phthalate	NS	ND	ND	ND	ND	ND
Di-n-butylphthalate	NS	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NS	ND	ND	ND	ND	ND
Fluoranthene	NS	ND	ND	ND	ND	ND
Fluorene	NS	ND	ND	ND	ND	ND
Hexachlorobenzene	0.04	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5	ND	ND	ND	ND	ND
Hexachloroethane	5	ND	ND	ND	ND	ND
Indeno (1,2,3-cd)Pyrene	NS	ND	ND	ND	ND	ND
Isophorone	NS	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND
Nitrobenzene	0.4	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	NS	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	NS	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NS	ND	ND	ND	ND	ND
Pentachlorophenol	1	ND	ND	ND	ND	ND
Phenanthrene	NS	ND	ND	ND	ND	ND
Phenol	1	ND	ND	ND	ND	ND
Pyrene	NS	ND	ND	ND	ND	ND
	Total SVOC	ND	ND	ND	ND	ND

TOGS - Division of Water Technical and Operatioonal Guidance Series - June 1998

ND - Not Detected

Xylene - SCO is reported as total xylene

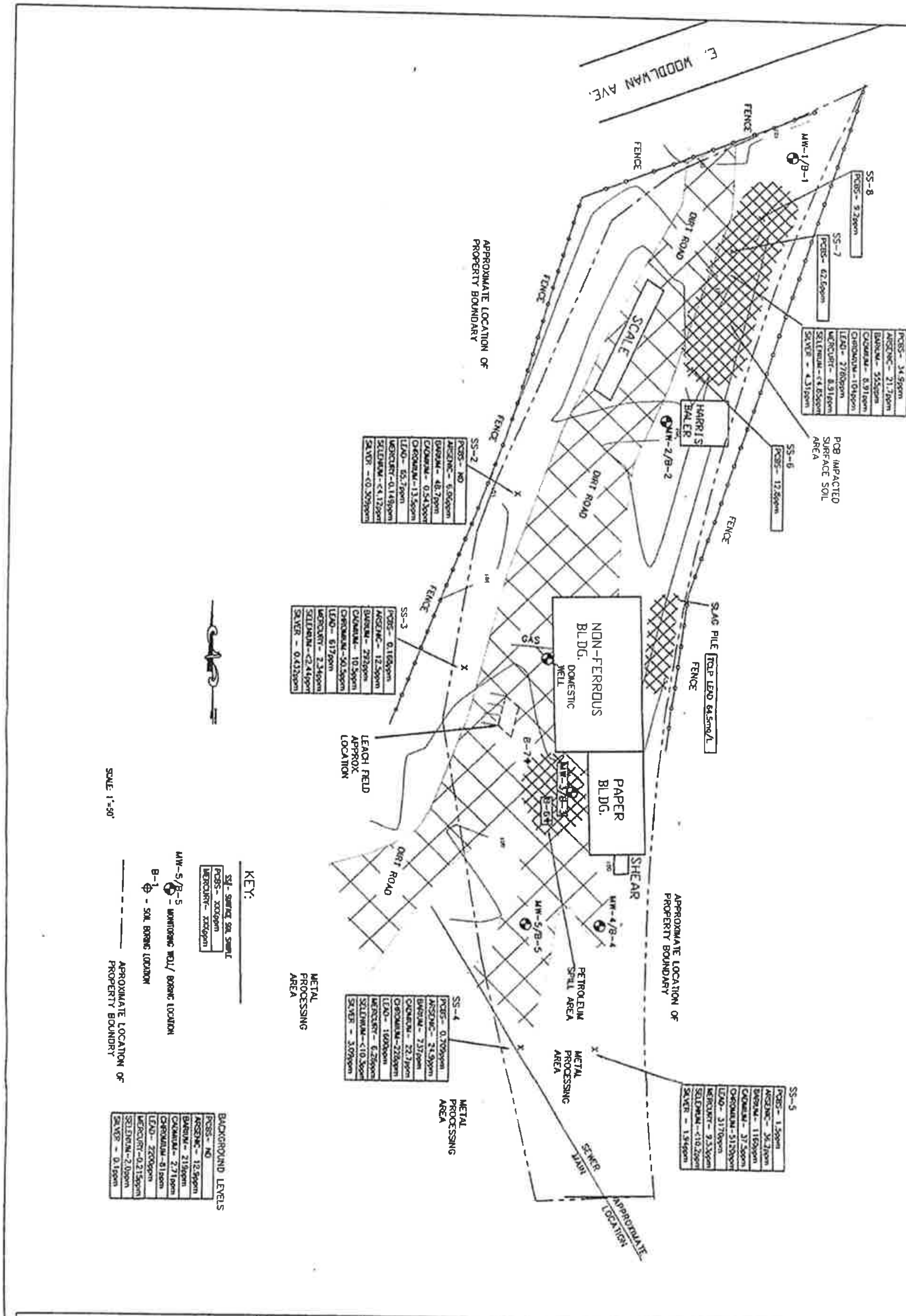
BOLD values indicate results that exceeded the TOGS limit

See laboratory report for analysis Qualifiers

NS - Not Specified in TOGS Guidance Values

FIGURE 4

INVESTIGATION SAMPLING PLAN



Eisenbach & Ruhnke Engineering, P.C.
291 Genesee Street, Utica, NY 13501 315-735-1916
Fax 315-735-6365 E-mail info@eisenbachandruhnke.com

DATE: 9/11/05
DRAWN: mpr
NO.:
SCALE: 1"=50'

KAPLAN'S SCRAP YARD INC.
104 E. WOODLAWN AVE. ELMIRA, NY
INVESTIGATION SAMPLING PLAN

Fig.-4

FIGURE 5

GROUNDWATER CONTOURS

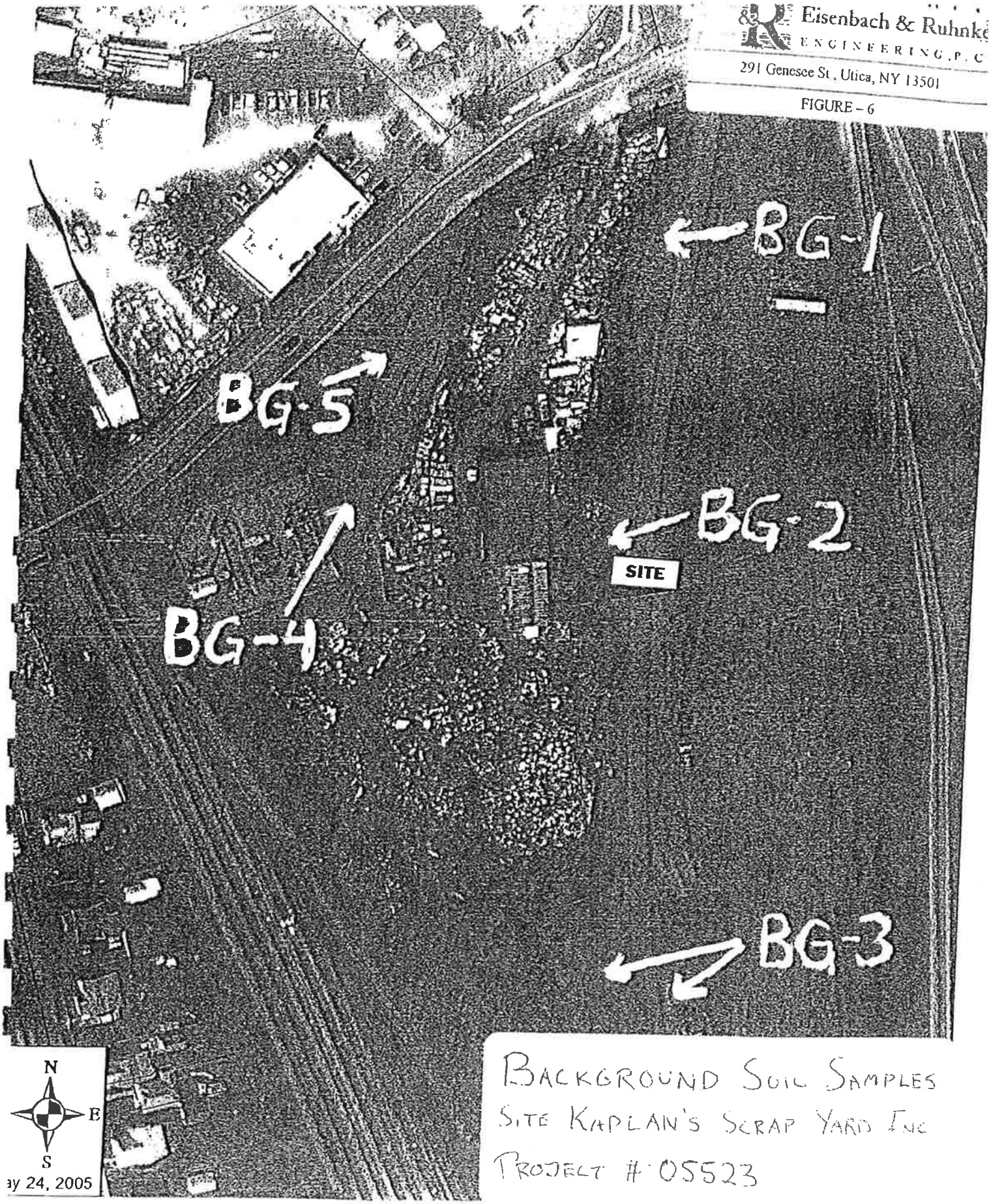
Eisenbach & Ruhnke Engineering, P.C.
291 Genesee Street, Utica, NY 13501 315-735-1916
Fax 315-735-6385 E-mail eisenbachruhnke@yahoo.com
DATE: 9/11/08
DRAWN: mpr
NO.:
SCALE: 1"=50'
KAPLAN'S SCRAP YARD INC.
104 E. WOODLAWN AVE. ELMIRA, NY
GROUNDWATER ELEVATION CONTOURS
Fig.-5
E. WOODLAWN AVE.
FENCE
MW-1/B-1
HARRIS BALER
SCALE
DIRT ROAD
92.5
93.0
ESTIMATED DIRECTION OF GROUNDWATER MOVEMENT
NON-FERROUS BLDG.
DOMESTIC WELL
PAPER BLDG.
SHEAR
MW-4/B-4
MW-5/B-5
MW-3/B-3
B-6A
B-7
B-8
LEACH FIELD APPROX. LOCATION
METAL PROCESSING AREA
DIRT ROAD
APPROXIMATE LOCATION OF PROPERTY BOUNDARY
GROUNDWATER ELEVATION CONTOURS
APPROXIMATE LOCATION OF PROPERTY BOUNDARY
METAL PROCESSING AREA
KEY:
MW-5/B-5 = MONITORING WELL/ BORING LOCATION
B-1 = SOIL BORING LOCATION
APPROXIMATE LOCATION OF PROPERTY BOUNDRY

FIGURE 6

OFF-SITE SURFACE SOIL (BACKGROUND) SAMPLE LOCATION PLAN

Eisenbach & Ruhnke
ENGINEERING, P. C
291 Genesee St., Utica, NY 13501

FIGURE – 6



ay 24, 2005

BACKGROUND SOIL SAMPLES
SITE KAPLAN'S SCRAP YARD INC
PROJECT # 05523

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APPENDIX E

Fish and Wildlife Resources Impact Analysis and Decision key

APPENDIX 3C

Fish and Wildlife Resources Impact Analysis Decision Key

		If YES Go to:	If NO Go to:	Kaplan's Responses
1.	Is the site or area of concern a discharge or spill event?	13.	2.	No
2.	Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13.	3	No
3.	Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4.	9.	No
4.	Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5.	
5.	Has the contamination gone off site?	6.	14.	
6.	Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7.	14.	
7.	Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8.	
8.	Does contamination exist at concentrations that could exceed SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14.	
9.	Does the site or any adjacent or downgradient property contain any of the following resources?			
	a. Any endangered, threatened or special concern species or rare plants or their habitat			No
	b. Any NYSDEC designated significant habitats or rare NYS Ecological Communities			No
	c. Tidal or freshwater wetlands			No
	d. Stream, creek or river			No
	e. Pond, lake, lagoon			No
	f. Drainage ditch or channel			No
	g. Other surface water feature			No
	h. Other marine or freshwater habitat			No
	i. Forest			Yes
	j. Grassland or grassy field			No
	k. Parkland or woodland			No
	l. Shrubby area			Yes
	m. Urban wildlife habitat	11.	10.	No
	n. Other terrestrial habitat			No
10.	Is the lack of resources due to the contamination?	Section 3.10.1	14.	
11.	Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14.	12.	No
12.	Does the site have widespread soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	13.	Yes
13.	Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact NYSDEC for information regarding endangered species.)	Section 3.10.1	14.	No
14.	No Fish and Wildlife Resources Impact Analysis needed.			Not Needed