CONSTRUCTION COMPLETION 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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> **NYSDEC ORDER** #B9-0727-06-08

NYSDEC SITE #HW808042

Prepared For:

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

E&R PROJECT NO: 11502

DATE ISSUED: October 31, 2011 (Revised: May 29, 2012)

Prepared By:

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

Mark P. Ruhnke, P.E.

Nice/President

11502 CCR DOC

Engineer's Certification

I Mark P. Ruhnke, P.E., certify that I am currently a NYS registered professional engineer, I had primary direct responsibility for the implementation of the subject construction program, and I certify that the Remedial Work Plan was implemented and that all construction activities were completed in substantial conformance with the DER-approved Remedial Work Plan.

All use restrictions, institutional controls, engineering controls and/or any operation and maintenance requirements applicable to the site are contained in an environmental easement created and recorded pursuant to ECL 71-3605 and that any affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

A Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of any engineering controls employed at the site including the proper maintenance of any remaining monitoring wells, and that such plan has been approved by DER. Eisenbach and Ruhnke Engineering, P.C.

Mark P. Ruhnke P.E.

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Executive Summary

This Construction Completion Report (CCR) presents the results of the environmental remediation completed at Kaplan's Scrap Yard, Inc. ("the Site"), located at 104 East Woodlawn Avenue in Elmira, New York. The remediation 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 remediation was 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 remediation was to remove environmental contaminants identified in site that exceeded Standards, Criteria and Guidance (SCG) values and posed a potential threat to human health and the environment.

The scope of the remediation tasks consisted of the following:

- 1.) Removal of casting slag piles along the east side of the site behind the Main Garage was completed in October 12, 2006. This material was classified as a high lead content and was found with leachable levels classifying it as a regulated hazardous waste, if disposed of. This material was recycled as a commodity, details of the removal and recycling are included within the report and records provided in Appendix-B.
- 2.) Removal of PCB-impacted soils on the northeast corner of the site was completed in August 16, 2011. All soil with a total PCB concentration greater than or equal to 1 mg/kg were excavated and disposed of as either a hazardous waste (concentration 50 ppm or higher) or a PCB containing solid waste (levels under 50ppm). This PCB remediation work was completed under an USEPA approved Self-Implemented Cleanup Plan per 40 CFR 761.61(a). Details of the removal and disposal are included within the report and records provided in Appendices-C, D & E.
- 3.) Upon completing the remedial work an institutional control shall be placed on the site. SVOCs, metals and PCBs remain 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 is being restricted to industrial use in the form of a deed restriction or environmental easement.

All work activities (Remediation 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 Construction Completion Report (CCR) presents the results of the environmental remediation completed at Kaplan's Scrap Yard, Inc. ("the Site"), located at 104 East Woodlawn Avenue in Elmira, New York. The remediation 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 ("Owner").

The scope of work for the remediation was 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 remediation was to remove environmental contaminants identified that exceeded Standards, Criteria and Guidance (SCG) values and posed a potential threat to human health and the environment.

All work activities (Remediation 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, and approved by NYSDEC on June 15, 2007.

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 the remediation tasks consisted of the following (Refer to figure 5, Site Remediation Plan for locations):

1.) Removal of casting slag piles along the east side of the site behind the Non-Ferrous Building. This material was classified with a high lead content and was found with leachable levels classifying it as a regulated hazardous waste, if disposed of. This material was recycled as a commodity. Details of the removal and recycling are included within the report and records provided in Appendix-B.

2.) Removal of PCB-impacted soils on the northeast corner of the site. All soil with a total PCB concentration greater than or equal to 1 mg/kg were excavated and disposed of as either a hazardous waste (concentration 50 ppm or higher) or a PCB containing solid waste (levels under 50ppm). This PCB remediation work was completed under USEPA approved Self-Implemented Cleanup Plan per 40 CFR 761.61(a). Details of the removal and disposal are included within the report and records provided in Appendix-C, D & E. PCBs removal is further explained in section 3.2 (PCB-Impacted Soil Removal).

1.3 Report Organization

The remainder of this report is organized into the following sections: Section 2.0 presents Site Cleanup Criteria and Guidance Values (SCGs), 3.0 presents a detail of each remediation task completed with supporting documentation included in the appendices. Section 4.0 presents a summary community air monitoring completed during the remedial work. Section 5.0 lists References.

2.0 SITE CLEANUP CRITERIA AND GUIDANCE VALUES (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).

3.0 REMEDIATION TASKS AND CONFRIMATION OF COMPLETION

3.1 Slag Pile Removal

Piles of casting slag (125,100 lbs) along the east side of the site behind the Non-Ferrous Building were removed by the owner in October 12, 2006 and recycled for their metal "iron" content. This material was recycled as a commodity. Copies of the bills of lading, receipts and a letter from the owner are provided in Appendix-B.

To confirm the slag was removed, and no residual lead or contaminants remained, the area was assessed as described in the Site Characterization Report (E&R, Site Characterization Report-Final) and is again presented within this report.

3.1.1 Slag Pile Removal Confirmation Sampling

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 approximately 35 yards of gravel was imported from Lake Road Gravel Pit in Elmira, New York, 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. See Site Characterization report for detailed analysis, summary provided below:

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 of Site Characterization Report and a copy of section is provided below.

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 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').

3.1.2 Slag Pile Removal Confirmation

Based on the work being completed and confirmation sampling conforming the slag and associated contaminants have been removed, E&R confirms the remediation task is complete and requires that no further action is required for this task.

3.2 PCB-Impacted Soil Removal

Removal of PCB-impacted soils on the northeast corner of the site has been completed in 2011. All excavation was completed using a ten foot by ten foot grid pattern for recording and documenting completion of excavation. All soil with a total PCB concentration greater than or equal to 1 mg/kg were excavated and disposed of as either a hazardous waste (concentration 50 ppm or higher) or a PCB containing solid waste (levels under 50ppm). This PCB remediation work was completed under a USEPA approved Self-Implemented Cleanup Plan per 40 CFR 761.61(a) see Appendix C for copy of work plan and EPA approvals.

Upon completion of the excavation a total of 107.33 tons of PCB containing soil classified as a regulated hazardous waste with code B007 was removed from the site and disposed of at the Model City Landfill, CWM Chemical Services, LLC hazardous waste landfill located 1550 Balmer Road in Model City, New York. A total of 354.80 tons of a PCB containing soil, classified as a special waste, was removed from the site and disposed of at the High Acres

Landfill, located at 425 Perinton Parkway in Fairport, New York. Refer to Appendix D for the disposal manifest.

All equipment was decontaminated in accordance with NYSDEC and EPA approved work plans. Equipment that was in direct contact with soil was pressure washed and wipe sampled for confirmation (see Appendix –G for decon sampling). Wash water collected in decon pad was containerized and sampled (approx. 10 gallons in 55 Gallon drum). Wash water sample results that were non-detect were discharged into sanitary by contractor. The decon rubber pad was also sampled and found to be non-detect and was then disposed of as a solid waste (see Appendix –G for equipment and decon pad sampling, wash water sampling and pad disposal receipt).

All excavation work was completed by Russo Development Corporation on July 25, 26, 27, 2011 and remobilized again on August 16, 2011 for additional excavation. All transportation was completed by Waste Management Inc., and subcontracted haulers. All excavation, decontamination work, transportation and disposal were completed by contractors directly contracted with Owner.

3.2.1 PCB Impacted Soil Removal - Confirmation Sampling

All excavation and confirmation sampling was completed using a ten foot by ten foot grid pattern for collection documentation. Prior to collection of closure samples E&R perform field screening of the excavation from each grid to determine if the soil cleanup objective was met before closure samples were collected. The field screening consisted of a qualitative enzyme immunoassay (EIA). Once the field screening showed confirmation, closure samples were collected for analysis. If the field screening did not show that the objective was met than additional soil was excavated and the process was repeated until successful field screening was achieved. This process was repeated as necessary. Closure soil samples were collected at completion of the excavation in compliance with SC/IRM work plan and EPA approved Self-Implementing Cleanup plan. All samples were analyzed by NYSDOH ELAP approved laboratory and analyzed by EPA Method 8082 (see Table-1.1 & 1.2 for summary of PCB — Impacted Soil Remediation Sample Results and Appendix-E for laboratory report of analysis).

Results of the confirmation samples revealed all areas were successfully remediated except grid areas 16, 33, 36 and 39. These unsuccessful areas were again excavated on August 16, 2011 and were again sampled for closure. The analysis of the closure samples reveal all results below 1 part per million (see Table-1.2).

3.2.2 PCB – Impacted Soil Removal Confirmation

Based on the work being completed and confirmation sampling confirming that the PCB contaminants have been removed to cleanup objective of less than 1ppm, E&R confirms the remediation task is complete and requires no further action is required for this task.

4.0 Community Air Monitoring

Community air monitoring was required to be completed on site during the remedial excavation. The air sampling was completed upwind and downwind for particulates and within the work area for Volatile Organic Compounds (VOCs). See Appendix –F for copy of Community Air Monitoring Plan (CAMP) and sampling results.

5.0 References

- 1.) (E&R, Site Characterization Report-Final); "Site Characterization for the Kaplan's Scrap Yard Inc. 104 East Woodlawn Ave.", Eisenbach and Ruhnke Engineering, P.C., October 31, 2011.
- (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.
- 3.) (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.
- 4.) (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.
- 5.) (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...
- 6.) (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).
- 7.) (NYSDEC, 1992); "Sampling Guidelines and Protocols", NYSDEC Division of Water, 1992.
- 8.) (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).
- 9.) (TOGS; NYSDEC); "Ambient Water Quality Standards and Guidance Values"

 NYSDEC Division of Water

Table 1.1: Summary of PCB Excavation Confirmation Samples

Kaplan's PCBS in soil confirmation samples

Date Prepared: 10-31-11 Date Sampled:7-27-2011 Page 1/1

PCB	NYS DOH		2	3	4	5	6	7	8	9	10	10	11	12
Congeners	police	ualka	ualka	jig/kg	µg/kg	pg/kg	hō/kō	uo/kg	pg/kg	valka	µg/kg	pg/kg -	pg/kg	yo/ko
C8-1016	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1221	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1232	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1242	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1260	§	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND
CB-1262	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1268	§	ND	ND	ND:	ND	ND	ND							
otal PCBs		0	0	0	0	0	0	0	0	0	0	0	0	0

PCB	NYS DOH	13	14	15	15 Dup.	16	17	18	19	20	21	22	23	24
Congeners	µg/kg	po/kg	µg/kg	porke	pg/kg	ug/kg	. pg/kg	pg/kg	pg/kg	µg/kg	pg/kg	yg/kg	pg/kg	po/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	ND	ND	ND	ND	ND	ND	ND	ND
CB-1254	§	ND	ND	ND	ND	1300R	ND	ND	ND	ND	ND	ND	ND	ND
CB-1260	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1262	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND
CB-1268	- 6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs		0	0	0	0	1300R	0	0	0	0	0	0	0	0

											R			R
PCB	NYS DOH	25	26	26 Dup.	27	28	29	30	31	32	33	34	35	36
Congeners	ug/kg	µg/kg	yg/kg	µg/kg	ug/kg	polko	ya/ka	µg/kg	heyko	µg/kg	haysa	номо	pg/kg	yg/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
CB-1232	9	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
CB-1248	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	59000R	ND	ND	2900R
PCB-1260	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1262	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1268	Š	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fotal PCBs		0	0	0	0	0	0	0	0	0	59000R	0	0	2900R

PCB	NYS DOH	37	38	39	39 Dup.	40	41	42	43	44	45	46	47	48
Congeners	ug/kg	µg/kg	ug/kg	palka	yg/kg	pg/kg	ug/kg	µg/kg	police	pg/kg	Ng/kg	. yg/kg	pg/kg	pafte
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
CB-1232	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1242	5	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CB-1248	§ .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	§	ND	ND	250	210	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	§	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND
PCB-1262	§	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND:	ND
CB-1268	§	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND
otal PCBs		0	0	250	210	0	0	0	0	0	0	0	0	0

PCB	NYS DOH	49	50	51	52	53	54	65	56	57	58	Side 1	Side 2	Side 3
Congeners	µg/kg	µg/kg	pg/kg	μα/kg	pg/kg	pg/kg	µg/kg	ug/kg	µg/kg	ya/ka	pg/kg	yg/kg	µg/kg	palka
PCB-1016	5	ND	ND	ND										
CB-1221	§	ND	ND	ND										
PCB-1232	5	ND	ND	ND										
CB-1242	- 6	ND	ND	ND										
PCB-1248	6	ND	ND	ND										
PCB-1254	- 6	ND	ND	ND										
CB-1260	§	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND
CB-1262	§	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND
CB-1268	§	ND	ND	ND										
otal PCBs		0	0	0	0	0	0	0	0	0	0	0	0	0

PCB	NYS DOH	Side 4	Side 5	Side 6	Side 7	Side 8	Side 9	Bide 9 Dup	Side 10	Side 11	Side 12	Side 13	Side 14	Rinsate Blank
Congeners	pg/kg	µg/kg	yg/kg	hayka	µg/kg	yg/kg	pg/kg	µg/kg	µg/kg	yorko	µg/kg	pg/kg	pg/kg	pg/kg
PCB-1016	9	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						
PCB-1242	§	ND	ND	ND	ND	ND	ND	ND						
PCB-1248	§	ND	ND	ND	ND	ND	ND	ND						
PCB-1254	9	ND	ND	ND	ND	ND	ND	ND						
PCB-1260	9	ND	ND	ND	ND	ND	ND	ND						
PCB-1262	6	ND	ND	ND	ND	ND	ND	ND						
PCB-1268	ŝ	ND	ND	ND	ND	ND	ND	ND						
Total PCBs		0	0	0	0	0	0	0	0	0	0	0	0	0

R - The quadrant of excavation was further excavated and resampled as same ID. See Table 1.2 for results

ND - Not Detected values in BOLD type exceed the slandard level Dup. Duplicate Sample

^{§ -} standard is for sum of all PCB congeners to be <1mg/kg or <1000 ug/kg

Table 1.2: Summary of Resampling of PCB Excavation Confirmation Samples Kaplan's

PCBS in soil confirmation samples

NYSDOH 18 33 39 Rinsate Blank 33 Dup. 36 Congeners µg/kg pg/kg µg/kg pg/kg µg/kg µg/kg µg/kg PCB-1016 ND ND ND ND ND ND PCB-1221 ND ND ND ND ND ND PCB-1232 ND ND ND ND ND ND PCB-1242 ND ND ND ND ND ND PCB-1248 200L ND 190L ND ND ND PCB-1254 200L ND ND 190L ND ND PCB-1260 ND ND ND ND ND ND PCB-1262 ND ND ND ND ND ND PCB-1268 ş ND ND ND ND ND ND Total PCBs 400L 0 380L 0

L- When multple Arclors of PCBs are present and the Arclor is no longer recognizable, quantitation may be performed by comparing the total area of PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Arclors 1248 and 1254

RL - Re

Date Prepared: 10-31-11 Date Sampled:8-16-2011 Page 1/1

FIGURE 1 SITE LOCATION MAP



291 Genesee St., Utica, NY 13501

FIGURE - I

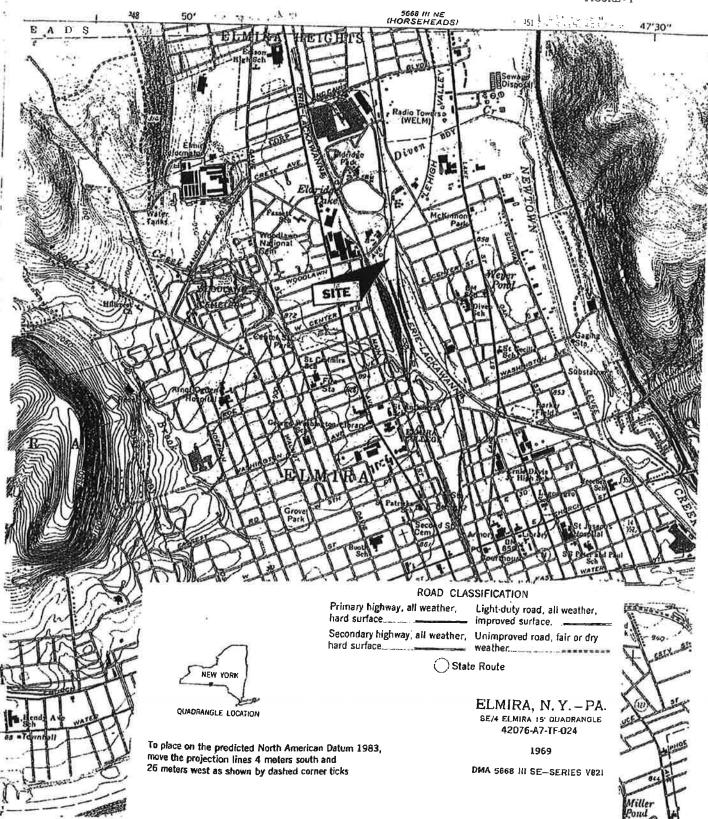


FIGURE 2 AERIAL PHOTO



FIGURE 3

TAX MAP

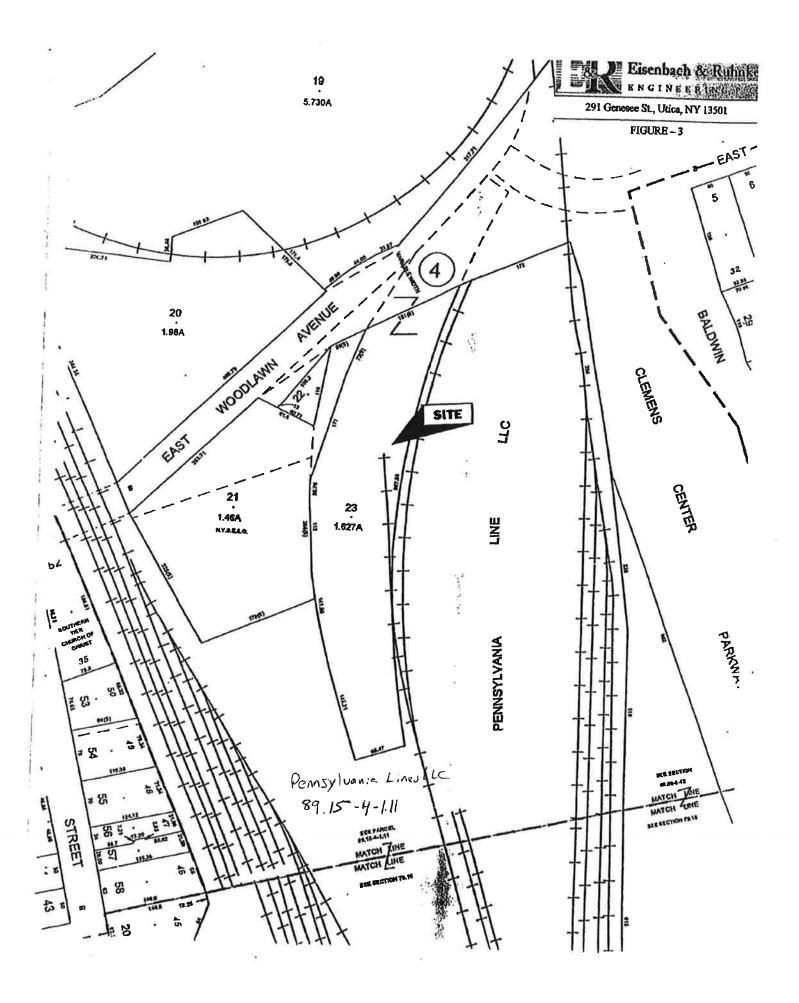


FIGURE 4 SITE REMEDIATION PLAN

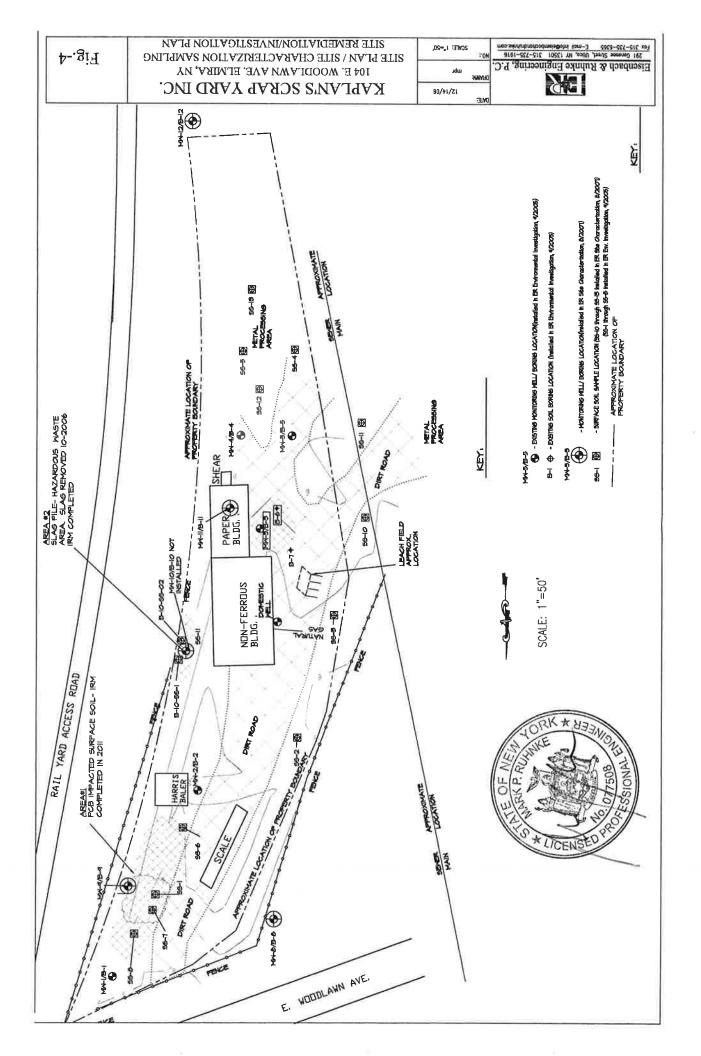


FIGURE 5

PCB IMPACTED AREA CLOSURE SOIL SAMPLE LOCATION PLAN

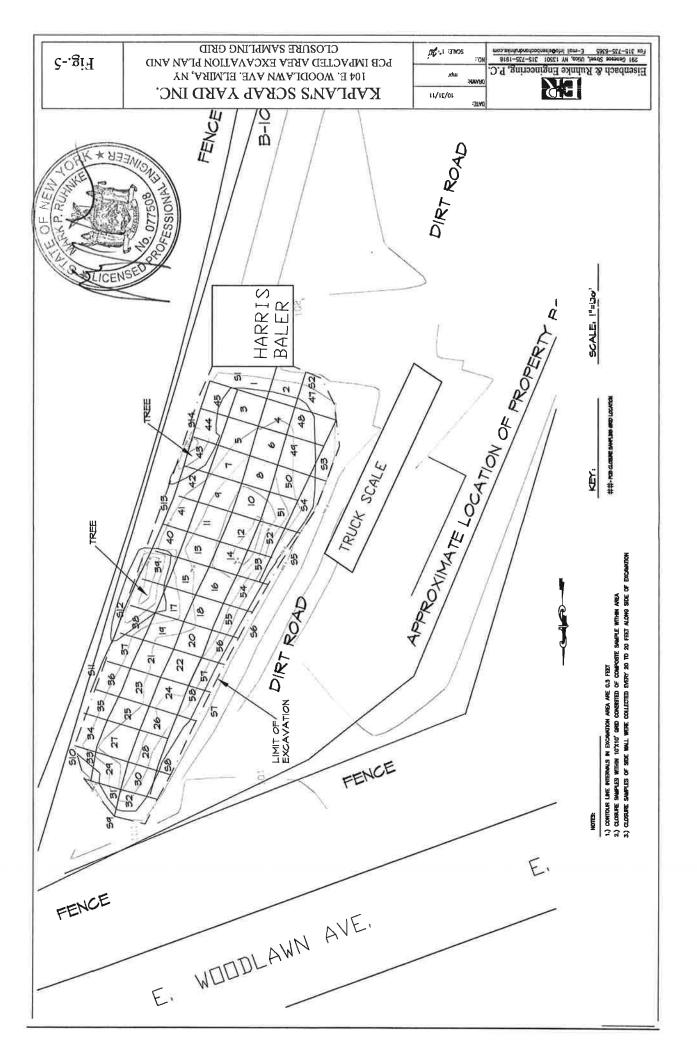
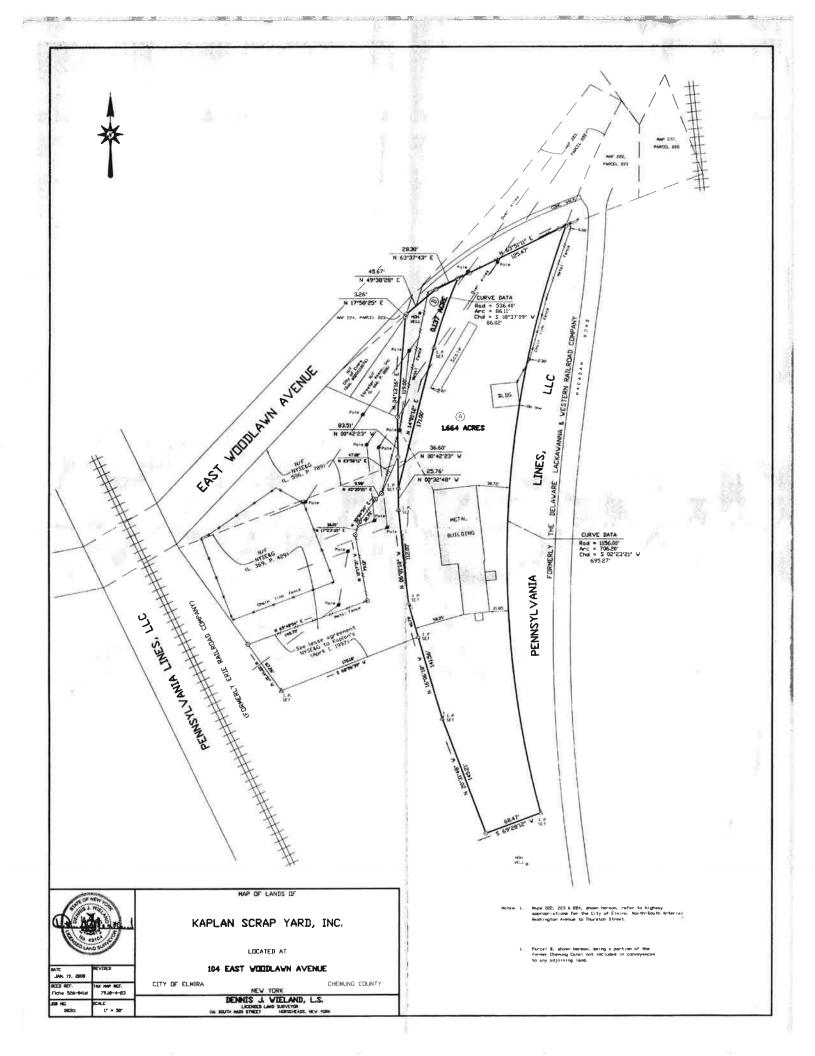


FIGURE 6 SITE SURVEY



APPENDIX A

ENGINEER'S QUALIFICATIONS & LIMITATIONS AND SERVICE CONSTRAINTS

MARK P. RUHNKE, P.E., C.E.A. VICE PRESIDENT

AREAS OF SPECIALIZATION

Energy Audits, Energy Performance Contracting, 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 and a Certified Energy Auditor (C.E.A.) with more than 15-years of professional experience. Mr. Ruhnke is responsible for project design, management and direction of business operations. Projects include energy performance contracting, investment grade energy audits, 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
Certified Energy Auditor, Association of Energy Engineers - Cert#1646
OSHA 40-Hour Hazardous Waste Operations Training (HAZWOPER)
Order of the Engineer, Syracuse, New York Chapter
Certified NYSDOH Trainer in EPA Asbestos disciplines
Certified USEPA Lead-Based Paint Risk Assessor

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.

APPENDIX B

Slag Pile Sample results, Confirmation samples, Recycling Manifests

KAPLAN'S SCRAPYARD, INC. ELMIRA, NY 14901 607-733-6531 • FAX 607-733-6532 104 E. WOODLAWN AVE.

WERE HAVE THE SLIPS

THAT WE PUT THE SLAG

11 70. - THEY WORE BALLED

WEHT STEEL LOOMS. MASOUT 4,000/155 - 6,000/435 70712C

SCALE RECEIVER

PENN RECYCLING INC.

P.O. BOX 3514 2525 TRENTON AVE. WILLIAMSPORT, PA 17701

Account: KAP200

KAPLAN'S P.O. BOX 515 **ELMIRA NY 14901** Ph 570-326-9041 Recv Date: 10/12/2006

Receiver #: 165253

Time in: 15:06 Time Out: 15:36

Carrier: HO0275

CARL L HORTON

C	Vehicle: 102	Gross	Tare	Net	Price	UM	
Commodity LOGS	Description SHREDDER LOGS/BUNDLES	81,380	37,900	43,480	170.00	GT	3,299.82
	nt: B1262		Totals	43,480			3,299.82

ID: _____ Certified Weighmaster: _____

STRAIGHT BILL OF LADING ORIGINAL - NOT NEGOTIABLE

Shipper No.

Carrier No. Date (Name of Carrier) Kaplan's Scrapyard, Inc. FROM: Shipper TO: 104 E. Woodlawn Avenue Consignee (607) - 733 - 6531Street Serap Iron - Paper Aluminum - Metal **ELMIRA, NEW YORK 14902** Street Container Service Origin Vehicle Emergency Response Destination Number Phone No. Weight (subject to correction) Kind of Packaging, Description of Articles, Special Marks and Exceptions CHARGES Route Rate No. Shipping HM* Units Silling hangedding hazardous materials include the bedynical or chemical or more for more and others. Provide consistent response phone number is case of incident an nection. In him above C.O.D. FEE: PREPAID S PREPAID REMIT COD Amt: \$ Subject to Section / of the conditions, if this shipment is to be delivered to the consignor without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this ehipment without payment of troight and all other tawful changes. TOTAL ADDRESS: This is to orbify that the obove named materials are pro-ely characted, described, packaged, marked, and tabled, and are in proper condition for transportation according to the applicable regulations of the Department of Trans-portation. CHARGES: NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the opment or declared value of the property. The agreed or declared value of the property is nerely specifically states by the shipper to be not exceeding FREIGHT CHARGES:
FREIGHT PREPAID Check box if
except when box at
right is checked a Collect and conditions in the governing classification on the date of shipment.

Shipper luceby certifies that he is familiar with all the Bill of Lading ferms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTICE: Freight moving under this Bill of Lading is subject to the classifications and lawfully filed until in affect on the date of this Bill of Lading. This notice supersedes and negates any claimed, tariffs in affect on the date of this Bill of Lading. This notice supersedes and negates any claimed, larged or asserted ordi or written contract, promise, representation or understanding between the parties with respect to this freight, except to the extent of any written contract which establishes lawful contract carriage and is signed by authorized representatives of both puriles to the contract. RECEIVED, subject to the classifications and fawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated above which said carrier (the word carrier being undershood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each corrier of all or any of said property ever all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the Bill of Lading terms CARRIER SHIPPER KAPLAN'S SCRAP YARD INC.

PER DATE

DOMENT HAZARDON, MATERIALS AS RETERENCED ROOKER

SCALE RECEIVER

PENN RECYCLING INC.

P.O. BOX 3514 2525 TRENTON AVE. WILLIAMSPORT, PA 17701

Account: KAP200

KAPLAN'S

P.O. BOX 515 ELMIRA NY 14901 Recv Date: 09/29/2006

Receiver #: 164227

Time In: 10:49

Time Out: 11:59

Carrier: HO0275

CARL L HORTON

	Carrier: HO0273 Vehicle: 102	Gross	Tare	Net	Price	UM	-
Commodity LOGS	Description SHREDDER LOGS/BUNDLES	77,680	38,120 Totals	39,560 39,560	182.00	GT	3,214.25 3,214.25

Memo:B 1245

Certified Welghmaster:	ID:

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE Carrier No. Date Date Consigner Consi	district the Section 1997	STRAIGHT BILL	OF LADING	Shipper 1	No B. 1245
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Kaplan Scrapyard, Inc. P.O. Box 515, 104 E. Woodlawn Ave. Elmira, New York 14901 ID#7002728

(607) 733-6531 FAX (607) 733-6532

PA 17701 -6501 ph 570-323-9494

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STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. B Carrier No. Date 10/11/ (Name of Carrier) FROM: Shipper Kaplan's Scrapyard, Inc. TO: 104 E. Woodlawn Avenue Consignee (607) 733-6531 Street Scrap Iron - Paper Aluminum - Metal ELMIRA, NEW YORK, 14902 Street Origin Container Service Emergency Hesponse Vehicle Number Destination Phone No. Weight (subject to correction) CHARGES Kind of Packaging, Description of Articles, Special Marks and Exceptions Rate Route No. Shipping HM* Units dee apecidies) or grannic description of material valls exprepriate UN or NA number as defined in US ODT Emergency Communication Standard (i.d.s. 1980) C.O.D. FEE: of gainsquest again PREPAID | \$ COB Amt: \$ C.O.D. TO: ADDRESS: Subject to Sestion 7 of the conditions, if this shipment is to be delivered to the consigner without recourse on the consigner, the con-signor shall stign the following statement. The carrier shall not make delivery of this shipment without payment of freight, and all other twint charges. TOTAL CHARGES: This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the opposable regulations of the Department of Trans-FREIGHT CHARGES:
FREIGHT PREPAID Check bor II charges
except when box at right is checked collect NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is bereby specifically stated by the shipper to be not accreding and conditions in the governing classification on the date of shipment.

Stipper hereby certifies that he is familiar with all the Bill of Lading forms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

NOTICE: Freight moving under this Bill of Lading is subject to the classifications and lawfully filed tariffs in effect on the date of this Bill of Lading. This notice supersedes and negates any claimed, tariffs in effect or the date of the Bill of Lading. This notice supersedes and negates any claimed, tariffs in effect or the date of the Bill of Lading. This notice supersedes and negates any claimed, tariffs in effect or the date of the Bill of Lading. This notice supersedes and negates any claimed, tariffs in effect or the date of the Bill of Lading. This notice supersedes and negates any claimed, tariffs in effect or the date of the Bill of Lading. This notice supersedes and negates any claimed, tariffs in effect or the date of the Bill of Lading is subject to the classifications and lawfully filed that the properties are hereby agreed to the classification of the classification and the subject to the classification of understanding between the parties with respect to this freight, except to the extent of any written contract which establishes are the subject to the classification of understanding the RECEIVED, subject to the classifications and tawfelly filed tariffs in affect on the date of the issue and condition of contents of tading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated above which said carrier the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is multially agreed as to each carrier of all or any of said property over all or any octain and as to each party at any time interested in all or any said portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed figurander shall be subject to all the Bill of Lading terms aus CARRIER PER DATE TOZODONI SPALEDNIS MOSE WITH WITH DESIGNATI LIAZAS CHIS MATERIALS AS REFERENCED IN 19CFF/172:

APPENDIX C

PCB Remediation Area – EPA Approved Self Implementing Cleanup Plan



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2 290 BROADWAY NEW YORK, NY 10007-1866

JAN 2 0 2011

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Article Number: 7001 0320 0004 7789 8147

Mr. Nick Misnick, President Kaplan's Scrap Yard, Inc. 104 East Woodlawn Avenue Elmira, New York 14901

Re: Kaplan's Scrap Yard, Inc., Elmira, New York

Dear Mr. Misnick:

The United States Environmental Protection Agency (EPA) hereby approves the proposed cleanup plan, submitted by Eisenbach & Ruhnke Engineering, P.C. (E&R) on behalf of Kaplan's Scrap Yard, Inc. (Kaplan), to address polychlorinated biphenyl (PCB) contamination at Kaplan's facility in Elmira, New York. The proposed cleanup plan is presented in E&R's November 3, 2010 submission to the Agency, as supplemented through E&R's electronic correspondence dated November 22, 2010. E&R's submission also includes a request for a waiver of the 30-day notification requirement of 40 CFR §761.61(a)(3)(iii); this request is hereby granted.

The area of the facility that is subject to this approval is located in the northeast portion of the property, as depicted in Figure 2 and Figure 3 of E&R's submission.

With the exception of the characterization and verification sampling requirements under Subparts N and O of 40 CFR Part 761, the proposed removal of the PCB remediation waste meets the self-implementing cleanup and disposal requirements under 40 CFR §761.61(a). Based on characterization sampling of the soil conducted at the facility and the proposed removal and disposal off-site of soil, the EPA finds that the sampling in this proposed remediation context is acceptable for delineating areas of the PCB remediation waste to be addressed. The EPA also finds that E&R's plan for verification sampling is acceptable for purposes of determining compliance with the PCB cleanup standards for high occupancy areas of 1 part per million (unrestricted) or 10 parts per million (with implementation of a cap and deed restriction meeting the requirements of 40 CFR §761.61(a)(7) and (a)(8), respectively).

E&R has also requested, in accordance with 40 CFR §761.79(h), approval of a decontamination standard of 10 micrograms per 100 square centimeters (i.e., the unrestricted use standard for non-porous surfaces previously in contact with liquid PCBs) for decontaminating equipment. The decontamination procedure for equipment will consist of a wash using a solution of CAPSUR, and then a rinse using a high-pressure, hot water power washer. EPA finds that the proposed decontamination procedure and standard are acceptable for performing the aforementioned decontamination activities.

Kaplan may proceed with the cleanup and disposal under 40 CFR §§761.61(a) and (c), as well as decontamination under 40 CFR §761.79(h), subject to this approval. This approval constitutes an order under the authority of Section 6 of the Toxic Substances Control Act, 15 U.S.C. §2605.

Please note that this approval does not constitute a determination by EPA that the transporters or the disposal facilities selected by Kaplan are authorized to conduct the cleanup activities. Kaplan is responsible for ensuring that it and any selected transporters and disposal facilities are authorized to conduct cleanup activities in accordance with all applicable federal, state and local statutes and regulations.

If you have any questions concerning this matter, please contact James S. Haklar, Ph.D., P.E., of my staff, at (732) 906-6817.

Sincerely yours,

cc:

Dore LaPosta, Director

Division of Enforcement and Compliance Assistance

Matthew Gillette, New York State Department of Environmental Conservation



Eisenbach & Ruhnke

ENGINEERING, P. C.

November 3, 2010

Ms. Judith Enck, Regional Administrator U.S.E.P.A. Region 2 290 Broadway, 26th Floor New York, NY 10007-1866

Dear Ms. Enck:

Kaplan's Scrap Yard, Inc., is submitting this notification under 40CFR 761.61(a) for self implementing cleanup of bulk PCB remediation waste from the Kaplan's Scrap Yard, located at 104 East Woodlawn Avenue in Elmira, New York. The attached cleanup work plan contains the contents required under 761.61(a)(3) to support the Notice. This proposed PCB remedial work is scheduled to be completed as part of a Consent Order with New York State Department of Environmental Conservation (NYSDEC) Order #B9-0727-06-08.

A Waiver is being requested to reduce the 30 day notification prior to the start of the PCB cleanup work under 761.61(a)(3)(iii). Details are included in the attached plan.

A request for Alternative Decontamination Approval and Sampling Procedures in accordance with 40 CFR 761.79(h) is also being made. Letter of request and supporting documents are included as Appendix D of the attached plan.

We appreciate your attention this matter. Please call if you have any questions or require additional information (315) 735-1916 or cell 315-794-7944.

Sincerely,

Eisenbach & Ruhnke Engineering, P.C.

Mark P. Ruhnke, P.E.

Vice-President

C05523-30

Attached: PCB Contaminated Soil Self-Implementing Cleanup Plan 40 CFR 761.61(a) KAPLAN'S SCRAP YARD INC.

CC: Mattew Gillete -NYSDEC DER Region-8, (585) 226-5308

Nick Misnick, President, Kaplan's Scrap Yard, Inc.- (607) 733-6531

Henry Mazzucca – USEPA – Edison NJ Office

James Haklar - USEPA - Edison NJ Office

PCB CONTAMINATED SOIL SELF-IMPLEMENTING CLEANUP PLAN 40 CFR 761.61(A)

for

KAPLAN'S SCRAP YARD INC. 104 E. WOODLAWN AVENUE ELMIRA, NEW YORK 14901-1456

E&R PROJECT NO: 05523

NYSDEC CONSENT ORDER INDEX #B9-0727-06-08

SITE No. HW808042

PCB CONTAMINATED SOIL SELF-IMPLEMENTING CLEANUP PLAN 40 CFR 761.61(A)

for

KAPLAN'S SCRAP YARD INC. 104 E. WOODLAWN AVENUE ELMIRA, NEW YORK 14901-1456

Prepared For:

Ms. Judith Enck, Regional Administrator U.S.E.P.A. Region 2 290 Broadway, 26th Floor New York, NY 10007-1866

E&R PROJECT NO: 05523

DATE SUBMITTED: November 3, 2010 (Final)

Prepared By:

EISENBACH AND RUHNKE ENGINEERING, P.C.

291 Genesee Street

Utica, New York 13501

irk P. Runnke, P.E.

Vice President

5523 PCB DOC

Written Certification 40CFR 761,61(a)(3)(E)

All sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the location designated in the certificate, and are available for EPA inspection.

Site:

Kaplan's Scrap Yard

104 East Woodlawn Ave.

Elmira, NY

Owner:

Kaplan's Scrap Yard, Inc

Nick Misnick, President

Date

Laha 10/25/10

Engineer:

Eisenbach and Ruhnke Engineering, P.C.

Mark P. Ruhnke, P.E.

Vice President

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1.0 Notification and Request for Waiver of 30 day Requirement Under 761.61(a)(3)(iii)

Kaplan's Scrap Yard, Inc, is submitting this formal Notification to the USEPA for approval of a Self Implementing PCB Cleanup under 40CFR 761.61(a). This cleanup plan contains the all information required under 761.61(a)3 and is presented herein.

Due to seasonal weather constraints, Kaplan's is requesting a waiver of the 30 day notice under 761.61(a)(3)(iii) in order to complete the cleanup in this 2010 construction season. As per the section all recordkeeping shall be kept in accordance with §761.125(c)(5). See Appendix-C for copy of record keeping requirements.

2.0 The nature of the contamination, including kinds of materials contaminated

The PCB contamination present at the site consists of surface soils impacted from historic recycling operations. This soil would be classified as a PCB Bulk Remediation Waste. The area impacted with PCBs is located on the northeast corner of the site between the Harris Baler, truck scale, Woodlawn Ave and the eastern property line ("Area of Concern"), see Figures 1,2&3. This area has historically been used as a scrap receiving area and is believed to have been impacted from these operations. Investigations completed at the site reveal no groundwater impact and limited impact on adjacent areas (E&R, Environmental Investigation), (E&R, Site Characterization Report. Results of the sampling are presented in Section 3.0.

3.0 Summary of the procedures used to sample contaminated and adjacent areas

Surface soils were collected in the area of concern from the top 6 to 12" inches using a stainless steel hand auger. The hand augers were decontaminated with Alconox soap solution between samples. Samples locations were marked and located on a site plan for record. Samples were delivered to a New York State Department of Health accredited and EPA accredited laboratory for via chain-of-custody procedure.

The PCB soil sampling in this area has been completed over two studies. Four surface samples were collected during an environmental investigation completed by E&R, (E&R, Environmental Investigation), and additional 15 samples were collected from a grid pattern in this area during a site characterization study completed by E&R (E&R, Site Characterization Report). Please refer to Figure-3 for locations of samples and results. Table-1 tabulates the results with collection dates and analysis dates. Please note that all sampling results, collection dates and analysis dates are included on the chain of custodies and laboratory reports of analysis included in Appendix –B.

4.0 Cleanup plan for the site

4.1 Schedule

The proposed schedule for the cleanup is to mobilize within 5 days after notice of EPA approval of the cleanup plan. The mobilization, excavation and post excavation sampling is scheduled to be completed within 5 business days.

4.2 Excavation Methods, Soil Management and Cleanup Goals

Remedial action is necessary to remove the elevated levels of PCBs from the Area of Concern located on northeast side of the site (see Figure 2 & 3 for location). This area contains levels much higher than observed on other sections of the Site. The levels detected are in excess of 50ppm and classify this soil as a RCRA hazardous waste. The top 6 to 18 inches of soil shall be removed, transported and disposed of based on waste classification. The areas with sampling that show concentrations of PCB's at levels of 50ppm or greater will be excavated 12 to 18 inches deep (area defined on Figure-3). Areas with sampling that show concentrations less than 50ppm will be excavated 6 to 12 inches deep. The depth of the excavations are estimates and may vary based the amount of soil needed to be excavated to meet clean up criteria.

Prior to beginning, the area of excavations shall be field marked with flags, spray painted to define the limits of excavation and the different classified areas within the excavation limits.

A track excavator shall be used to accomplish the excavation with staff trained in accordance with O.S.H.A. 29CFR 1926.1200.

The soil identified with levels 50 ppm and over shall be excavated first and then the remaining areas shall be excavated. The soil shall be "live loaded" loaded into trucks permitted and licensed to haul the appropriate wastes. These trucks shall masnifested, plackarded and shipped following NYS Regulations and Federal DOT Hazardous Materials Regulations (HMR) at 49 CFR parts 171 through 180.

The soil cleanup goal is 1ppm for a "high occupancy", as defined in 40CFR 761.61. If this objective cannot be met then the area shall be capped in accordance with 40CFR 761.61(a) (7) and a deed restriction placed on the site per 40CFR 761.61(a) (8).

4.3 Disposal Technology and Waste Management

All soil with levels at 50ppm or greater shall be managed as a regulated hazardous waste, shipped and disposed of at CWM Model City, 1550 Balmer Road, Model City, NY 14107. Bulk PCB remediation wastes with a PCB concentration ≥50 ppm shall be disposed of in a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA, or a PCB disposal facility approved under this part.

All soil with levels less than 50 ppm shall be disposed of at High Acres, 425 Perinton Parkway, Fairport, NY 14450. This landfill is a facility permitted, licensed, or registered by a State to manage non-municipal non-hazardous waste subject to 40CFR §§257.5 through 257.30, and or is a facility permitted, licensed, or registered by a State to manage municipal solid waste subject to part 258 of 40CRF.

4.4 Contingencies

If the soil cleanup objective cannot be met, then the work shall stop and the EPA will be contacted to discuss an appropriate course of action. Possible courses of action may include designating the area as a "Low Occupancy Area" and placing a fence around the area, or capping the area using a concrete or asphalt cap in accordance with 40CFR 761.61.

4.5 Post Excavation Sampling

Post excavation soil sampling shall consist of collecting one grab sample per every 100 square foot from the bottom of the excavation. This will be accomplished by marking the excavation with a 10 foot by 10 foot grid. Side wall samples shall be collected a frequency of 1 sample for every 30 feet of side wall. Samples will be collected recorded by grid number and analyzed by EPA method 8080 for PCBs.

4.6 Equipment Decontamination

All vehicles used in the remedial excavation process shall be inspected and decontaminated to remove any soil and prevent any tracking or spilling of contaminated soil off site.

Equipment that comes in direct contact with soil shall be decontaminated per alternate proposed means. Kaplan's Scarp Yard, Inc. is requesting an alternate decontamination approval under 40CFR 761.79(h). A copy of formal request is included in Appendix-D.

5.0 References

- 1.) (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.
- 2.) (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.
- (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..
- 4.) (E&R, Site Characterization Report) "Site Characterization Report for the Kaplan's Scrap Yard Inc. 104 East Woodlawn Ave.", Eisenbach and Ruhnke Engineering, P.C., October 16, 2007

TABLE -1

Summary of PCB Sampling, concentrations, sample and analysis dates

<u>Table 1</u>
Kaplan's Scrap Yard: Summary of PCB surface soil sample results

Note: Please refer to Figure-3 for Sample Locations

PCBs in Surface Soil Samples

PCB (PCB-01	PCB-02	PCB-03	PGB-04	PRCB+05	PCB-06	PCB-07	PCB-08	PCB-09	PCB-10	*POB-12	PCB-13	PCB-15
Congeners	pg/kg mi	µg/kg	ugika	yg/kg 🗸	iug/km	µa/kg a	Galka.	ug/kg :	parka	ugikg	нажа	/ pg/kg i	A sig/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	1200	15000	1700	2670	2500	840	7900	16000	340000	56000	15000	1200	3500

Date Sampled Date

8/8/2007 8/8/2000 8/8/

Analyzed 8/23/2007 8/20/2000 8/20/2000 8/20/2000 8/20/2000 8/20/2000 8/20/2000 8/20/2000 8/20/2000 8/2000 8/2000 8/2000 8/2000 8/2000 8/2000 8/2000 8/2000 8/2000 8/20

Table -1 (CONTINUED)

Kaplan's Scrap Yard: Summary PCB surface soil sample results

E&R 9/15/05

<u> </u>	SS-1	SS-6	SS-7	SS-8
PCBs EPA 8082	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PCB-1016	<118	<104	<114	<104
PCB-1221	<118	<104	<114	<104
PCB-1232	<118	<104	<114	<104
PCB-1242	<118	3.38	4.34	<104
PCB-1248	<118	<104	<114	<104
PCB-1254	34.9	9.49	58.3	9.21
PCB-1260	<118	<104	<114	<104
PCB-1262	<118	<104	<114	<104
PCB-1268	<118	<104	<114	<104

 Date Sampled
 7/21/2005
 8/12/2005
 8/12/2005
 8/12/2005

 Date Analyzed
 8/1/2005
 8/18/2005
 8/18/2005
 8/18/2005

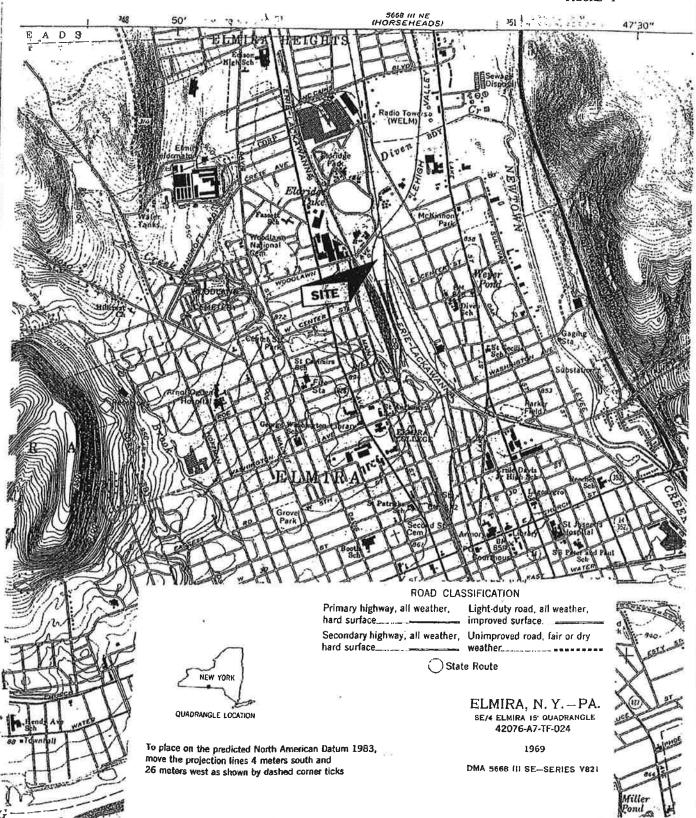
NA -Not available

Site Location Map
U.S.G.S. Topographical Map

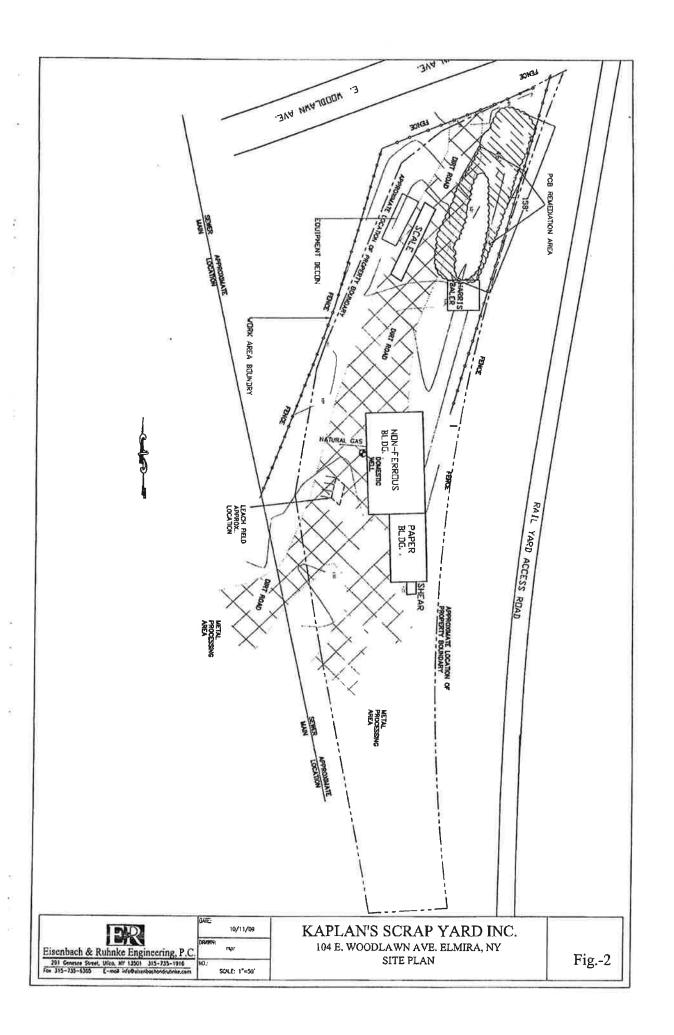


291 Genesee St., Utica, NY 13501

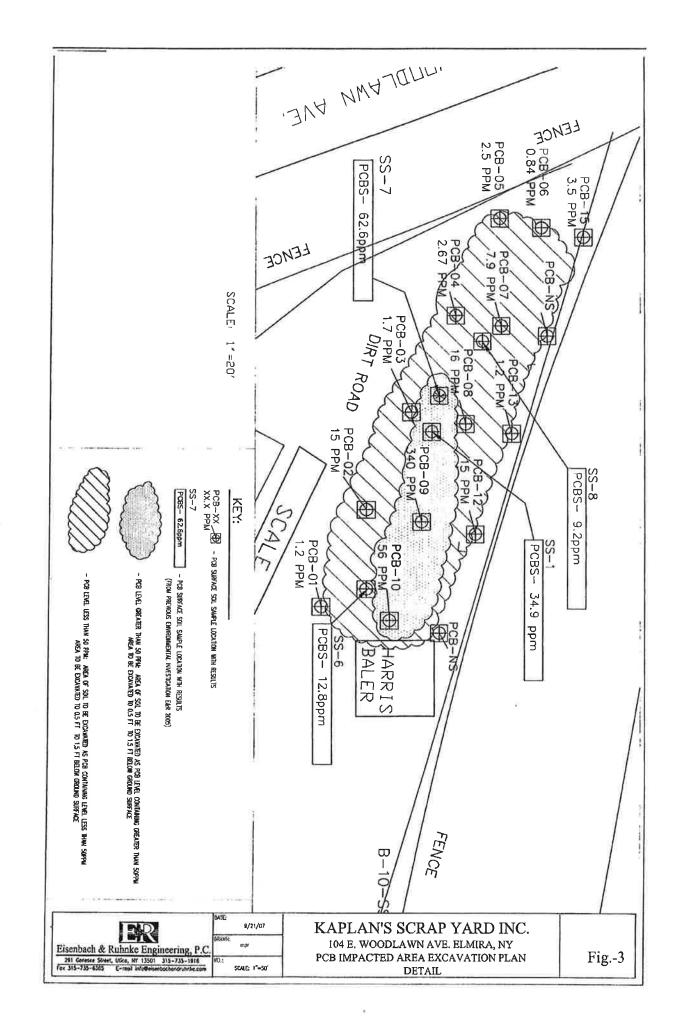
FIGURE - 1



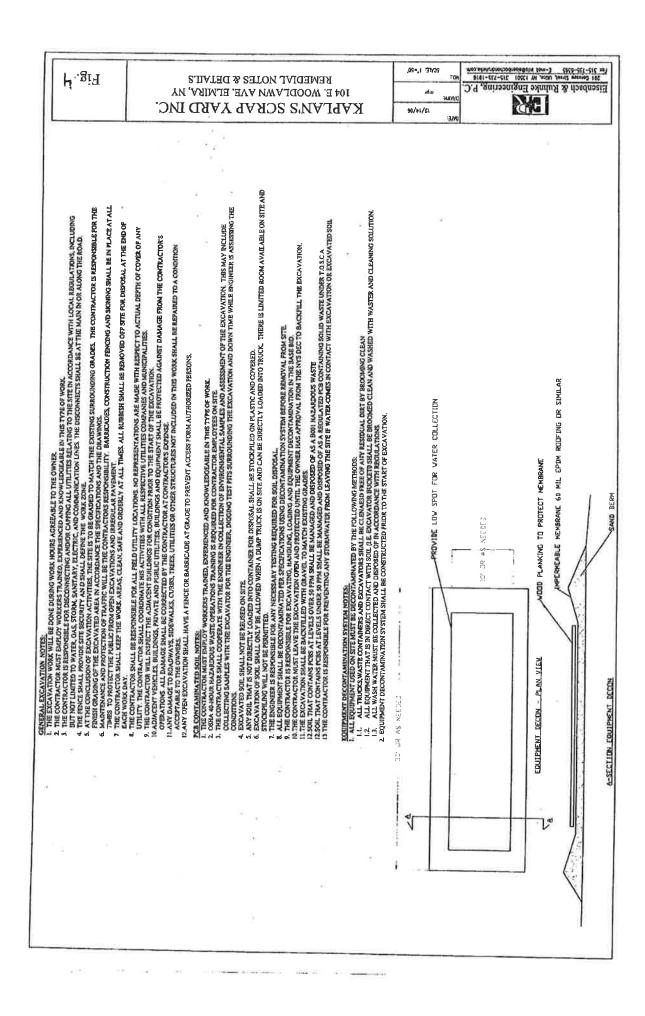
Site Plan



Sample Locations and Excavation Plan



Decontamination Pad



Appendix-A Limitations and Service Constraints & Resumes of Key Personnel

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.

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, Energy Efficiency, Vapor Intrusion, 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 design, specifications and construction management for new buildings, environmental brownfields redevelopment, remediation programs, environmental site assessments, subsurface investigations, environmental permitting, civil site design, building demolition including contract preparation and waste stream management, radon mitigation, vapor intrusion remediation, industrial health and safety programs, indoor air quality studies and hazardous materials (lead, asbestos & PCBs) 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)

Certified AHERA Supervisor

Certified EPA Lead Inspector

5523 PCB DOC

Appendix-B Laboratory Report of PCB Sampling

Please Reply To:



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

	FACSIMILE TELL	ECOPY TRANSMISS	ION
То:	Mr. Mark Ruhnke Eisenbach & Ruhnke Engineering	AmeriSci Job# Subject:	0708-00103 KAPLAN'S
Fax#	315-735-6365 Jfrisbee@erengpc.com		Part Distitu
Emall	: mruhnke@erengpc.com		SAMPLE REJULTI
Date:	Monday, September 10, 2007	CMI DIOMOGRACIA RADIONI	000-01
Time:	6:28:23PM		Through
Comments:	*		
т	his report consists of 3	pages, including:	PCB-15 pages
	Laborato Chain of Custod	y Report 67 y Record 3 Air bill 1	pages pages

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this facsimile communication is confidential information intended for the use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or oppying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Miscellaneous

pages

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Laboratory Report

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

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-0 Collection Date: 08/08/2007 Matrix: SOIL	1		Received Date:	08/13	3/2007	Time: 9:00:0	DAM
Parameter PCB-SOIL/SOUD	Method	Results	<u>Units</u>	PQL	Tech	Analysis Date/T	me <u>Qual</u>
PC8-1018	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 2	3:00
PCB-1221	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 2	23:00
PCB-1232	EPA 8082	ИĎ	ug/Kg	350	NAC	08/23/2007 / 2	23:00
PCB-1242	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 2	23:00
PCB-1248	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 2	23:00
PCB-1254	EPA 8082	1200	ug/Kg	350	NAC	OB/23/2007 / 2	23:00
PCB-1260	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 2	23:00
PCB-1262	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 2	23:00
PCB-1268	EPA 6082	ND	ug/Kg	350	NAC	08/23/2007 / 2	23:00
TCMX (SURROGATE)		89.6	%		NAC	08/23/2007 / 2	23:00
DCB (SURROGATE)		105	%		NAC	08/23/2007 / 2	23:00
PCB OIL/SOIL EXTRACTIONS		30,09	G		ADW	08/21/2007 / 1	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 PCB-SQIL/SQLID	Method	Results	<u>Units</u>	PQL	<u>Tech</u>	Analysis Date/Time	Qual
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/Ka	1800	NAC	08/23/2007 / 12:00	
PCB-1242	EPA 8082	ND	ug/Kg	1800	NAC	08/23/2007 / 12:00	

Certifications:

MA: MAD69

NY:10982

CT: PH0119

RI:A46

NJ: 59744

ND = Not Detected PQL= Practical Quantilation Limit



Eisenbach & Ruhnke Engineering

Workorder No.

0708-00103

Sample:

002 PCB-02

(Continued)

<u>Parameter</u> PCB-1248	Method EPA 8082	a. Ş	<u>Results</u> ND	<u>Units</u> ug/Kg	<u>PQL</u> 1800	<u>Tech</u> NAC	<u>Analysis Date/Time</u> 08/23/2007 / 12:0	
PCB-1254	EPA 8082		15000	ug/ Kg	1800	NAC	08/23/2007 / 12:0	0
PCB-1260	EPA 8082	TRO	ND	ug/Kg	1800	NAC	08/23/2007 / 12:0	D
PCB-1262	EPA 8082		D	u g/K g	1800	NAC	08/23/2007 / 12:0	0
PC8-1268	EPA 8082		ND	ug/Kg	1800	NAC	08/23/2007 / 12:0	ם
TOMX (SURROGATE)	(+)(A)	100.00	81.8	%	2.62 - 38	NAC	08/23/2007 / 12:0	0
DCB (SURROGATE)			117	%		NAC	08/23/2007 / 12:0	0
PCB OIL/SOIL EXTRACTIONS			30.12	Ġ		ADW	08/21/2007 / 14:0	1
Percent Sollds	SM 2540G		92.9	%		TLL	08/14/2007 / 7:2/	ļ

Sample:

003 PCB-03

Collection Date: 08/08/2007

Matrix: SOIL							
Parameter PCB-SOIL/SOLID	Method	Results	<u>Units</u>	POL	<u>Tech</u>	Analysis Date/Time	Qual
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	0B/23/2007 / 14:29	
PCB-1248	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1254	EPA 8082	170D	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1260	EPA 8082	ND	ид/Кд	350	NAC	08/23/2007 / 14:29	
PCB-1262	EPA 8082	ND	ug/Kg	350	NAC	08/23/2007 / 14:29	
PCB-1288	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		MDA	08/21/2007 / 14:01	
Percent Solids	SM 2540G	95.6	%		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

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

Certifications:

MA: MAD69

NY:10982

CT: PH0119

RI:A45

NJ: 59744

2 of

ND = Not Detected

PQL= Practical Quantifation Limit



Eisenbach & Ruhnke Engineering

Workorder No.

0708-00103

Sample: (Continued)

Percent Solids

004 PCB-04

					11-14-	POL	Tech	Analysis Date	Лте	Qual
Parameter PCB-SOIL/SOLID		Method		Results	<u>Units</u>	<u>POL</u>	16711	741013992-2341	o inite	3535364
PCB-1016		EPA 8082		ND	ug/Kg	340	NAC	08/23/2007	/ 14:29	
-		EPA 8082	12	ND	ug/Kg	340	NAC	08/23/2007	/ 14:29	
*		EPA 8082		ND	ug/Kg	340	NAC	08/23/2007	/ 14:29	
PCB-1232		EPA 8082		ND	ug/Kg	340	NAC	08/23/2007	/ 14:28	
PCB-1242	100	W1111		ND -	ug/Kg	340	NAC **	08/23/2007	/ 14:29 1	1,64 (8) 100
PCB-1248		EPA 8082		1700	ug/Kg	340	NAC	08/23/2007	/ 14:29	
PCB-1254		EPA 8082		•	ug/Kg	340	NAC	06/23/2007	-	
PCB-1260		EPA 8082		970	• -	340	NAC	08/23/2007	-	
PCB-1262		EPA 8082		ND	ug/Kg				-	
PCB-1268	2	EPA 8082		ND	ug/Kg	340	NAC	08/23/2007		
TCMX (SURROGATE)		4 E	25	85.9	%		NAC	08/23/2007	-	
DCB (SURROGATE)				90.0	%		NAC	08/23/2007	/ 14:29	
PCB OIL/SOIL EXTRACTIONS				30.30	G		ADW	08/21/2007	/ 14:01	
Persont Solide		SM 2540G		95.9	%		TLL	08/14/2007	1724	

Sample: 005 PSB-05 Collection Date: 08/08/2007 Matrix: SOIL			Received Date:	08/13	/2007	Time: 9:00:00AM	
Parameter PCB-SOIL/SOLID	Mafinod	Results	<u>Units</u>	PQL	<u>Tech</u>	Analysis Date/Time	<u>Qual</u>
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-1288	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 / 724	

Certifications:

MA: MAD69

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Eisenbach & Ruhnke Engineering

Workorder No.

0708-00103

	Sample: 00 Collection Date: 00 Matrix: SOIL	8/08/2007			Received Date:	08/13	3/2007	Time: 9:00	D:00AM	
	Parameter PCB-SOIL/SOLID		<u>Method</u>	Results	<u>Units</u>	POL	<u>Tech</u>	Analysts Dal	e/Time	Qual
	PCB-1016		EPA 8082	ND	ug/K g	40	NAC	08/23/2007	/ 14:29	
	PCB-1221		EPA 8082	ND	ug/Kg	40	NAC	08/23/2007	/ 14:29	
e ;	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	
	•			101	%		NAC	08/23/2007	/ 14:29	
	DCB (SURROGATE)	-NO	*6	30.36	G		ADW	08/21/2007	/ 14:01	
	PCB QIL/SOIL EXTRACTK Percent Soilds	MP	SM 2540G	63.2	%		TLL	08/14/2007	/ 7:24	

ONI HEAT	007 PCB-07 08/08/2007 IL			Received Date:	08/13	/2007	Time: 9:0	0:00AM	
<u>Parameter</u> PCB-SOIL/SOLID		Method	Results	<u>Units</u>	<u>104</u>	Tech	Analysis Da	rte/Time	Qual
PCB-1016		EPA 8082	ND	ugfKg	760	NAC	08/23/2007	/ 12:41	
PCB-1221		EPA 8082	ND	і цу/Ку	780	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	700	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	780	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	
			48.6	%		ŅAC	08/23/2007	/ 12:41	
TCMX (SURROGATE)		Z.	123	%		NAC	08/23/2007	/ 12:41	
DCB (SURROGATE)				▼ =					

Certifications: ND = Not Detected PQL= Practical Quantitation Limit

MA: MA069

NY:10982

CT: PH0119

NJ: 59744



Eisenbach & Ruhnke Engineering

Workorder No.

0708-00103

Sample:

007 PCB-07

(Continued)

Parameter PCB OIL/SOIL EXTRACTIONS

Method

Results 30.44

Units

Tech ADW Anatysia Date/Time 08/21/2007 / 14:01 Qual

Percent Solids

SM 2540G

86.8

TLL

08/14/2007 / 7:24

* * *	9 (6) SECTION 19 (9)		* ·			10.		2. 12.0 12.0
Sample: 008 PCB-08 Collection Date: 08/08/2007 Matrix: SOIL		R	ecelved Date:	08/13/	/2007	Time: 9:00	MA00:	
Parameter PCB-SO(L/SOLID	Method	Results	<u>Units</u>	<u>PQL</u>	Tech	Analysis Date	/Time	Qual
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	υg/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	ng/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	пã\Кõ	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	
· ·		30,53	G		ADW	08/21/2007	/ 14:01	
PCB OIL/SOIL EXTRACTIONS Percent Solids	SM 2540G	88.3	%		TLL	08/14/2007	/ 724	

11,000		•						
Sample: Collection Dat Matrix:	009 PCB-09 te: 08/08/2007 SOIL			Received Date:	08/13	/2007		
Parameter PCB-SQIL/SOLID		Method	Results	<u>Units</u>	<u>PQL</u>	Tech	Analysis Date/Time	Qual
*:		EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1018				ug/Kg	19000	NAC	08/23/2007 / :10	
PCB-1221		EPA 8082	ND			•		
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	OB/23/2007 / :10	÷ ×

Certifications: ND = Not Detected

MA: MA069 PQL= Practical Quantitation Limit

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

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Eisenbach & Ruhnke Engineering

Workorder No.

0708-00103

Sample:

009 PCB-09

(Continued)

<u>Parameter</u> PCB-1254	<u>Method</u> EPA 8082	_	<u>sults</u> 1000 ug/Kg	<u>PQL</u> 19000	<u>Tech</u> NAC	Analysis Det 08/23/2007	<u>e/Time</u> / :10	Qual
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	1 :10	36
PCB-1268	EPA 8082	ND	ug/Kg	19000	NAC	08/23/2007	/ :10	
	2.71		%		NAC	08/23/2007	/- :10	G
TOMX (SURROGATE)	2:	18 25 5	· %		NAC	08/23/2007	/ :10	Ğ
DCB (SURROGATE)		30.	67 G		ADW	08/21/2007	/ 14:01	
PCB OIL/SOIL EXTRACTIONS		83.			TIL	08/14/2007	/ 7:24	
Percent Solids	SM 2540G	63.	90				•	

	010 PCB-10 08/08/2007 IL			Received Date:	08/13/			MA00:00	
Parameter PCB-SOIL/SOLID		Method	Results	<u>Units</u>	PQL	Tech	Analysis Da		Qual
PCB-1016		EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007		
PCB-1221		EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007		
PCB-1232		EPA 8082	ND	ug/Kg	4000	NAC	09/05/2007		
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 8062	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
				%		NAC	09/05/2007	/ / 13:00	Ģ
DOB (SURROGATE)	TIONE		30.42	в		ADW	08/21/2007	/ 14:01	
PCB OIL/SOIL EXTRAC	I IUNO	SM 2540G	81.7	%		TLL	08/14/2007	/ 7:24	
Percent Solids		SW COANG	VII.						

Sample:

011 PCB-12

Collection Date: 08/08/2007

Matrix:

SOIL

Method

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

<u>Parameter</u>

Results

<u>Units</u>

<u>PQL</u>

Tech

Analysis Date/Time

67

Certifications: ND = Not Detected MA: MAD69

PQL= Practical Quantitation Limit

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

0 of



Eisenbach & Ruhnke Engineering

Workorder No.

0708-00103

Sample: (Continued)

011 PCB-12

Parameter PCB-SOIL/SOLID	Мавтрай	Results	<u>Units</u>	PQL	<u>Tech</u>	Analyşis Date/I	Time Qual
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	1500D	ug/Kg	3800	NAC	08/23/2007 /	14:29
PCB-1260	EPA 6082	ND	[©] ug/Kg	3800	NAC	08/23/2007 /	14:29
PCB-1262	EPA 8082	ND	ug/Kg	3800	NAC	08/29/2007 /	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	V.	30.64	G		ADW	08/21/2007 /	14:01
Percent Solids	SM 2540G	87.0	%		TLL	08/14/2007 /	7:24

Sample: 012 Collection Date: 08/08 Matrix: SOIL	PCB-13 /2007	i	Received Date	: 08/15	V2007	Time: 9:00:00AM	
Parameter PCB-SOIL/SOLID	<u>Method</u>	Results	<u>Units</u>	<u>POL</u>	<u>Tech</u>	Analysis Date/Time	Qual
PCB-1016	EPA 8082	ND	ug/Kg	40	NAC	08/23/2007 / 17:00	
PCB-1221	EPA 8082	ND	ug/Kg	40	NAC	D8/23/2007 / 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	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit



Eisenbach & Ruhnke Engineering

Workorder No.

0708-00103

Sample: 013 PCE Collection Date: 08/08/200 Matrix: SOIL				Received Date:	: 08/13	3/2007	Time: 9:00:00AM	
Perameter	Method		Results	<u>Units</u>	PQL	<u>Tech</u>	Analysis Date/Time	Qual
PCB-SOIL/SOLID				II.			- 14430	
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 / 14:28	
PCB-1242	EPA 8082		ND	ug/Kg	920	NAC	08/23/2007 / 14:29	
PCB-1248	EPA 8082	9 8	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	
TOMX (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: 9:00:00AN	Ţ
Parameter TCL VOLATILES-SOIL	<u>Method</u>	Results	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	Analysis Date/Time	Qual
Vinyl Chloride	EPA 8260B	ND	ид/Кд	8	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	
Acatone	EPA 6260B	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-Dichloroethene	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	

Certifications: ND = Not Defected PQL= Practical Quantitation Limit

MA: MAD69

NY:10982

CT: PH0119

RI:A45

NJ; 59744



Eisenbach & Ruhnke Engineering

Workorder No.

0708-00103

Sample: (Continued) 014 SS-10

Parameter ds-1,2-Dichloroethylene	<u>Method</u> EPA 8260B	<u>Results</u> ND	<u>Units</u> ug/Kg	<u>PQL</u> 9	Tech NAC	Analysis Date/Tim 08/20/2007 / 11:	_
Cerbon Disulfide	EPA 6260B	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	uġ/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
dis-1,3-Dichloropropene	EPA 8260B	ND G	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
Sromodichloromethane	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	ид/Кд	44	NAC	08/20/2007 / 11:	42
Tetrachioroethylene	EPA 8260B	ND	ug/Kg	9	NAC	08/20/2007 / 11:	42
Dibromochloromethane	EPA 8260B	ND	ид/Кд	9	NAC	08/20/2007 / 11:	42
Chloroberizene	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
0-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 / 113	42 l
DIBROMOFLUOROMETHANE (SURR)		116	%		NAC	08/20/2007 / 11/	42
TOLUENE-D8 (SURROGATE)		97.9	%		NAC	08/20/2007 / 113	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:	38
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-Dichlorobenzana	EPA 8270C	ND	ug/Kg	180	MVP	08/23/2007 / 13:3	30

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page:

of

ND = Not Detected

PQL= Practical Quantitation Limit

Notes: TEMP UPON RECEIPT. 4 25533 DATE TARE DATE H H H P.O.# PAGE □10 bay □20 bay □30 bay □70 bay 舜100 bay ACBS RECEIVED FOR LABORATORY BY: (PRINT) DATE: S/10/67 RECEIVED BY: (PRINT) RECEIVED BY: (PRINT) CONTAINER: P-PLASTIC G-GLASS V-VOA CONTRACTOR CONTRACTOR PROJECT STATE: TO Mruhnke @ereng pc.com:
PROJECT PROJECT
NUMBER: OSSA3 DATA PACKAGE: (Sign) (Slan) **DUE DATE:** TIMES I. BO WIT DATE: 8 18/07 TIME STOOTH 88 Fax 2: DATE TIME Wia, 11/ 1350, 8 School Street ~ Weymouth, MA 02189 888.724.5221 Toll Free 781.337.9334 Phone ~ 781.337.7642 Fax NAME POPULARY SOLSOLIDS SL-SLUDGE OIL-OL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER SRE TWEE 735-6365 EMAIL: CHAIN OF CUSTODY RECORD Gisenbach + fluhn'he Engineering, 7C AMERISCI BOSTON Sc Harry RC HN KE 291 Genesee Street QUENT SYMPLE <u>किन्नभूषामुख्यमालम्</u> Mark Ruhnke 135 735-1916 80-03 PCB-12 PCB-03 PCB-04 PCB-10 PCB-DS 90-90 RB-07 PCB-08 SAMPLED BY (PRINT) MACK PCB-09 **РЕЦИОИВНЕ** Ви (PAINT) RELANGUIGHED BY: (PRINT) AMERI SCI www.amerisci.com COMPANY CONTACT (F.) ADDRESS: 10 PHONE PROJECT N M J ی (SIGN) (Sign) (SIGN)

Notes: DATE 8/15/07 TEMP UPON RECEIPT: 9,6 PAGE 2 OF 3 P.O.# 05543 70,0% DATE DAITE: TIME 星 Metalo 741 Resticides 721 Misdors 2829 S S S □10ay □20ay □30ay □60ay □70ay ⊠100ay 721 SIDONS 771 701 RECEIVED FOR LABORATORY BY: (PRINT) RECEIVED BY: (PRINT) CONTAINER: P-PLASTIC G-GLASS V-VOA RECEIVED BY: (PRINT) गिना गामा AWIERSON Jose May MPR Project State: NV EMAIL: MICHAPLE GECAS PC. COM DATA PACKAGE: (Stan) (Sign) (Stan) DUE DATE: DATE /10/07 DATE: 8/2/61 8 FAX 2 ES TIME DATE PROJECT USSA3 4 व्य १ 8 School Street - Weymouth, MA 02189 888.724.5221 Toll Free 781.337.9334 Phone - 781.337.7642 Fax ADDRESS 391 Genesee Street, Witch , My 1350 MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER Size That Fix 15, 135-6365 CHAIN OF CUSTODY RECORD company Eisenbach + Awhinke Empineering, PC AMERISCI BOSTON : Menanci RUKUKK **KURUKK** Queen Sample <u>क्रिन्यात्राक्रमा</u> yout CONTACT Math AWAMYE PHONE (315) 735 - 1916 PCB-13 Magle PCB-15 55-13 55-12 SY-D 55-11 PROJECT Maplanis AMERI SCI www.amerisci.com **РЕТМОИЗИЕР ВТС (Р9647)** RELINQUISHED BY: (IPRINT) SAMPLED BY: (PRINT) [LAN] 0 17 3 N (Sign) (Sign) (Sign)

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То:	MARK RUHNKE Eisenbach & Ruhnke Engineering		ь# 0507-00325 рт: Kaplan's SC	RAP YARD: NY:
Fax #	315-735-6365			
	8. -	-	PCB S Revits	aple
Date:	Friday, August 05, 2005		Resits	22-1
Time:	7:15:26PM		766	Through
Comments:	Shalo		1	55-5
Ti	nis report consists of	pages, including	g:)	
	Cover Page (Facsimile Telecop		pages	
		aboratory Report 34	pages	
	Chain of	Custody Record	pages	
	•	Air bill/_	pages	
	Sample	Receiving Form/_	pages	
		Miscellaneous 7	DOGGE	

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Eisenbach & Ruhnke Engineering

Workorder No.

0507-00325

Sample:

009 SS-1

Collection Date: 07/21/2005 Time: 2:00:00PM Matrix:

Received Date: 07/25/2005 Time: 8:00:00AM

Matrix: S	OIL		Neceiveu Dale.	01/20	# 2 005	Time: 6:00.	OUAW	
<u>Parameter</u> PCB 8082-SOIL/SOL	<u>Method</u> ID	Results	<u>Units</u>	PQL	<u>Tech</u>	Analysis Date/	<u>Time</u>	Qual
PCB-1016	EPA 8082	ND	ug/K g	118	NAC	07/31/2005 /	1:49	
PCB-1221	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 /	1:49	
PCB-1232	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 /	1:49	
PCB-1242	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 /	1:49	
PCB-1248	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 /	1:49	
PCB-1254	EPA 8082	34900	ug/Kg	1180	NAC	08/01/2005 /	13:54	
PCB-1260	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 /	1:49	
PCB-1262	EPA 8082	ND	u g /Kg	118	NAC	07/31/2005 /	1:49	
PCB-1268	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 /	1:49	
TCMX (SURROGATE)		116	%		NAC	07/31/2005 /	1:49	
DCB (SURROGATE)		89.4	%		NAC	07/31/2005 /	1:49	
RCRA 8 Metals								
Arsenic	6010B, SW-846	21.7	mg/Kg	4.85	JS	08/01/2005 /	16:46	
Barium	6010B, SW-846	555	mg/Kg	7.3	JS	08/01/2005 /	16:46	
Cadmium	6010B, SW-846	83.5	mg/Kg	0.727	JS	08/01/2005 /	16:46	
Chromium	6010B, SW-846	104	mg/Kg	2.42	JS	08/01/2005 /	16:46	
Lead	6010B, SW-846	2780	mg/Kg	3.64	JS	07/26/2005 /	1:00	
Mercury	SW-846; 7471	8.91	mg/Kg	0.237	NAP	08/05/2005 /	16:32	
Selenium	6010B, SW-846	ND	mg/Kg	4.85	JS	08/01/2005 /	16:46	
Silver	6010B, SW-846	4.31	mg/Kg	0.727	JS	08/01/2005 /	16:46	
PCB OIL/SOIL EXTRAC	TIONS	10.36			MEW	07/25/2005 /	6:16	
Percent Solids		81.7	%		EBH	07/26/2005 /	7:08	

010 SS-2

Collection Date: 07/21/2005 Time: 2:00:00PM Received Date: 07/25/2005 Time: 8:00:00AM

Matrix: SOIL

Parameter PCB 8082-SOIL/SOLID	<u>Method</u>	Results	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	Analysis Date/Time	Qual
PCB-1016	EPA 8082	ND	ug/Kg	101	NAC	07/31/2005 / 2:06	
PCB-1221	EPA 8082	ND	ug/Kg	101	NAC	07/31/2005 / 2:06	
PCB-1232	EPA 8082	ND	ug/Kg	101	NAC	07/31/2005 / 2:06	
PCB-1242	EPA 8082	ND	ug/Kg	101	NAC	07/31/2005 / 2:06	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

Page: 35 of 39



Eisenbach & Ruhnke Engineering

Workorder No.

0507-00325

Sample:

010 SS-2

(Continued)

_	<u>'arameter</u> CB-1248	Method EPA 8082	<u>Results</u> ND	<u>Units</u> ug/Kg	<u>PQL</u> 101	<u>Tech</u> NAC	Analysis Dat 07/31/2005	<u>e/Time</u> / 2:06	Qual
P	CB-1254	EPA 8082	ND	ug/Kg	101	NAC	07/31/2005	/ 2:06	
P	CB-1260	EPA 8082	ND	ug/Kg	101	NAC	07/31/2005	/ 2:06	
_o P	CB-1262	EPA 8082	ND	ug/Kg	101	NAC	07/31/2005	/ 2:06	
P	CB-1268	EPA 8082	ND	ug/Kg	101	NAC	07/31/2005	/ 2:06	
T	OMX (SURROGATE)		112	%		NAC	07/31/2005	/ 2:06	
D	OB (SURROGATE)		142	%		NAC	07/31/2005	/ 2:06	
R	CRA 8 Metals								
Ar	senic	6010B, SW-846	6.06	mg/Kg	2.06	JS	07/26/2005	/ 1:00	
Ва	rium	6010B, SW-846	48.7	mg/Kg	3.1	JS	07/26/2005	/ 1:00	
Ca	dmium	6010B, SW-846	0.543	mg/Kg	0.309	JS	07/26/2005	/ 1:00	
Ch	romium	6010B, SW-846	13.5	mg/Kg	1.03	JS	07/26/2005	/ 1:00	В
Lea	ad	6010B, SW-846	65.7	mg/Kg	3.09	JS	07/26/2005	/ 1:00	
Me	ercury	SW-846; 7471	0.149	mg/Kg	0.0357	NAP	08/05/2005	/ 16:32	
Sei	enium	6010B, SW-846	ND	mg/Kg	4.12	JS	08/01/2005	/ 16:52	
Silv	rer	6010B, SW-846	ND	mg/Kg	0.309	JS	07/26/2005	/ 1:00	
PC	B OIL/SOIL EXTRACTIONS		10.49			MEW	07/25/2005	/ 6:16	
Per	cent Solids		94.3	%		EBH	07/26/2005	7:08	

Sample:

011 SS-3

Collection Date: 07/21/2005 Time:

Collection Date: 07/21/2005 Matrix: SOIL	Time: 2:00:00PM		Received Date:	07/25	/2005	Time: 8:00:00AM	
PCB 8082-SOIL/SOLID	Method	Results	<u>Units</u>	PQL	<u>Tech</u>	Analysis Date/Time	Qual
PCB-1016	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 / 2:23	
PCB-1221	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 / 2:23	
PCB-1232	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 / 2:23	
PCB-1242	EPA 8082	ПD	ug/Kg	118	NAC	07/31/2005 / 2:23	
PCB-1248	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 / 2:23	
PCB-1254	EPA 8082	168	ug/Kg	118	NAC	07/31/2005 / 2:23	
PCB-1260	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 / 2:23	
PCB-1262	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 / 2:23	
PCB-1268	EPA 8082	ND	ug/Kg	118	NAC	07/31/2005 / 2:23	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected

PQL= Practical Quantitation Limit

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Eisenbach & Ruhnke Engineering

Workorder No.

0507-00325

Sample: (Continued)

SS-3

Parameter TCMX (SURROGATE) DCB (SURROGATE) RCRA 8 Metals	Method	Results 81.0 51.4	<u>Units</u> % %	<u>PQL</u>	Tech NAC NAC	Analysis Date/Time 07/31/2005 / 2:23 07/31/2005 / 2:23	Qual
Arsenic	6010B, SW-846	12.5	mg/Kg	2.44	JS	07/26/2005 / 1:00	
Barium	6010B, SW-846	292	mg/Kg	3.7	JS	07/26/2005 / 1:00	
Cadmium	6010B, SW-846	10.5	mg/Kg	0.366	JS	07/26/2005 / 1:00	
Chromium	6010B, SW-846	50.5	mg/Kg	1.22	JS	07/26/2005 / 1:00	
Lead	6010B, SW-846	617	mg/Kg	3.66	JS	07/26/2005 / 1:00	
Mercury	SW-846; 7471	2.34	mg/Kg	0.0823	NAP	08/05/2005 / 16:32	
Selenium	6010B, SW-846	ND	mg/Kg	2.44	JS	07/26/2005 / 1:00	
Silver	6010B, SW-846	0.432	mg/Kg	0.366	JS	07/26/2005 / 1:00	
PCB OIL/SOIL EXTRACTIONS		10.32			MEW	07/25/2005 / 6:16	
Percent Solids		82.0	%		EBH	07/26/2005 / 7:08	

Sample:

012 SS-4

Collection Date: 07/21/2005 Time:

2:00:00PM

Matrix: SOIL) Time: 2:00:00PM		Received Date:	07/25	5/2005	Time: 8	:00:00AM	
Parameter PCB 8082-SOIL/SOLID	Method	Results	Units	<u>PQL</u>	<u>Tech</u>	<u>Analysis [</u>	Date/Time	Quai
PCB-1016	EPA 8082	ND	ug/Kg	123	NAC	07/31/200	5 / 2:39	
PCB-1221	EPA 8082	ND	ug/Kg	123	NAC	07/31/200	5 / 2:39	
PCB-1232	EPA 8082	ND	ug/Kg	123	NAC	07/31/200	5 / 2:39	
PCB-1242	EPA 8082	709	ug/Kg	123	NAC	07/31/200	5 / 2:39	
PCB-1248	EPA 8082	ND	ug/Kg	123	NAC	07/31/200	5 / 2:39	
PCB-1254	EPA 8082	ND	ug/Kg	123	NAC	07/31/200	5 / 2:39	
PCB-1260	EPA 8082	ND	ug/Kg	123	NAC	07/31/200	5 / 2:39	JP
PCB-1262	EPA 8082	ND	ug/Kg	123	NAC	07/31/200	5 / 2:39	
PCB-1268	EPA 8082	ND	ug/Kg	123	NAC	07/31/200	5 / 2:39	
TCMX (SURROGATE)		50.4	%		NAC	07/31/200	5 / 2:39	
DCB (SURROGATE)		51.8	%		NAC	07/31/200	5 / 2:39	
RCRA 8 Metals	*				0.00		•	
Arsenic	6010B, SW-846	24.9	mg/Kg	10.3	JS	08/01/2009	5 / 16:46	
Barlum	6010B, SW-846	737	mg/Kg	15	JS	08/01/2009	5 / 16:46	

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

ND = Not Detected PQL≈ Practical Quantitation Limit

Page: 37 of



Eisenbach & Ruhnke Engineering

Workorder No.

0507-00325

Sample:

012 SS-4

(Continued)

<u>Parameter</u> Cadmium	Method 6010B, SW-846	<u>Results</u> 22.7	<u>Units</u> mg/Kg	<u>PQL</u> 1.54	<u>Tech</u> JS	Analysis Date/Time 08/01/2005 / 16:46	Quai
Chromium	6010B, SW-846	228	mg/Kg	5.13	JS	08/01/2005 / 16:46	
Lead	6010B, SW-846	1600	mg/Kg	3.85	JS	07/26/2005 / 1:00	
Mercury	SW-846; 7471	6.28	mg/Kg	0.220	NAP	08/05/2005 / 16:32	
Selenium	6010B, SW-846	ND	mg/Kg	10.3	JS	08/01/2005 / 16:46	
Silver	6010B, SW-846	3.09	mg/Kg	1.54	JS	08/01/2005 / 16:46	
PCB OIL/SOIL EXTRACTIONS		10.62			MEW	07/25/2005 / 6:16	
Percent Solids		76.4	%		EBH	07/26/2005 / 7:08	

Sample:

013 SS-5

Collection Date: 07/21/2005 Time:

Matrix: SOIL 2:00:00PM

Received Date: 07/25/2005 Time: 8:00:00AM

mai ixi	COIL								
Parameter PCB 8082-SOIL/S	:OLID	Method	Results	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	Analysis Dat	e/Time	Qual
PCB-1016		EPA 8082	ND	ug/Kg	126	NAC	07/31/2005	/ 2:56	
PCB-1221		EPA 8082	ND	ug/Kg	126	NAC	07/31/2005	/ 2:56	
PCB-1232		EPA 8082	ND	ug/Kg	126	NAC	07/31/2005	/ 2:56	
PCB-1242		EPA 8082	1500	ug/Kg	126	NAC	07/31/2005	/ 2:56	
PCB-1248		EPA 8082	ND	ug/Kg	126	NAC	07/31/2005	/ 2:56	
PCB-1254		EPA 8082	ND	ug/Kg	126	NAC	07/31/2005	/ 2:56	
PCB-1260		EPA 8082	837	ug/Kg	126	NAC	07/31/2005	/ 2:56	
PCB-1262		EPA 8082	ND	ид/Кд	126	NAC	07/31/2005	/ 2:56	
- PCB-1268		EPA 8082	ND	ug/Kg	126	NAC	07/31/2005	/ 2 :56	
TCMX (SURROGAT	TE)		41.5	%		NAC	07/31/2005	/ 2:56	
DCB (SURROGATE	Ξ)		24.2	%		NAC	07/31/2005	/ 2:56	
RCRA 8 Metals									
Arsenic		6010B, SW-846	36.2	mg/Kg	10.2	JS	08/01/2005	/ 15:00	
Barlum		6010B, SW-846	1160	mg/Kg	15	JS	08/01/2005	/ 15:00	
Cadmium		6010B, SW-846	37.5	mg/Kg	1.53	JS	08/01/2005	/ 15:00	
Chromium		6010B, SW-846	5120	mg/Kg	5.09	JS	08/01/2005	/ 15:00	
Lead		6010B, SW-846	3170	mg/Kg	3.82	JS	07/26/2005	/ 1:00	
Mercury		SW-846; 7471	9.53	mg/Kg	0.259	NAP	08/05/2005	/ 16:32	
Selenium		6010B, SW-846	ND	mg/Kg	10.2	JS	08/01/2005	/ 15:00	

Certifications:

* MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744



Eisenbach & Ruhnke Engineering

Workorder No.

0507-00325

Sample:

013 SS-5

(Continued)

Parameter Silver Method

6010B, SW-846

Results 1.94

<u>Units</u> mg/Kg PQL 1.53 Analysis Date/Time 08/01/2005 / 15:00 Qual

PCB OIL/SOIL EXTRACTIONS

Percent Solids

10.50 75.6

%

MEW EBH

Tech

JS

07/25/2005 / 6:16 07/26/2005 / 7:08

- B The analyte of interest was found in the method blanks.
- ${f J}$ The concentration of the indicated analyte has been estimated.
- M Surrogate recoveries are outside the quality control limits possibly due to matrix interference, verified by reanalysis.

P - The difference between the two GC columns is greater than 40%.

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

Authorized By:

Vinora Nicholls, Technical Director

Doto

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

TEMP UPON RECEIPT. DAFFIGNOS P DATE TIME TIME PAGE P.O.# RECEIVED FOR LABORATORY BY: (PRINT) TONYS LUDINGO ☐1 Day ☐2 Day ☐3 Day ☐5 Day ☐7 Day 図 10 Day CONTAINER: P.P. MSTIC 121/05 RECEIVED BY: (PRINT) TECH 105 RÉCEIVED BY: (PRINT) SAMPLING-INFORMATION G-GLASS V-VOA DATA PACKAGE: DATE TIME 1/21 2:00pm 2:40 m (SIGN) (Sign) TIME: 4:00 pm , (SIGN) DUE DATE: 533 Size Type # TIME 8 School Street ~ Weymouth, MA 02189 781.337.9334 Phone ~ 781.337.7642 Fax CONTAINER CAR OIL OIL CR-CAPS DECOME ASSISTED ASSIST 888.724.5221 Toll Free AMERISCI BOSTON NUMBER: PROJECT Ś -CASSETTÉS W-WASTE O-OTHER CLIENT SAMPLE **IDENTIFICATION** 4-10 WWW.america.com RELINOUISHED BY: (PRINT) RELINQUISHED BY: (PRINT) SAMPLED BY: (PRINT) SAL STREET 0 COMPANY CONTACT LAB ADDRESS PROJECT CLIENT (SIGN)

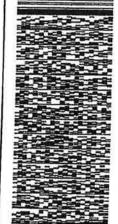
FedEx | Ship Manager | Label 7923 3878 9290

REF: 0552

SHIP TO: (888)724-5221

BILL SENDER

Delivery Address Bar Code



PRIORITY SATURDAY 7923 3878 9290 -MA-US

BOS

Deliver By: 23JUL05 ¥



Page 1 of 1

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

UTICA, NY 13501

Mr. Mark Porta AmeriSci Boston 8 School Street

Weymouth, MA 02189

02189

Sample Receiving Form

	pie Receivi		rm
CLIENT: Eisenbach + Ruhwke WORKORDER: OSC	17-32	5	
CLIENTS JOB: Kaplens, Scrap Var RECEIVED BY: 5	OH		
RECEIVED DATE: 7/25/5 SHIPPING METHOD:		يا	
TEMP UPON RECEIPT: 3	, 00 -		
"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			
seals, or if containers were hand delivered.			1
Were Chain of Custody Forms included with the samples?	عز		
Were Chain of Custody Forms properly filled out (ink, signed, etc.) ×		
Were all containers received in good condition (Check for breakage	2/		
leaks)?			
Were all containers labeled with required information (Sample Id,	U		
date, signed, analysis, preservation)?	>		
Were the correct containers used for the tests indicated?	7		
Were proper preservation techniques indicated?			٧
Were samples received within holding times? If "NO"	4		
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.			صر
Were samples in direct contact with wet ice?		1	
If "NO" check one: (▷ Blue Ice) □ No Ice		X	
Is sample temperature recorded?	(_		
If "NO" check one: Unable to record Temp taken near same	iples 🗡		
Were pHs of samples checked and recorded on the COC forms?			6
Did the laboratory accept samples?	صر		
Will samples be subcontracted? If "yes" list subcontractor and tests	in		
specified sections below.			
Subcontractor: Date Sent Out:			
Analyses Sent:			
Login Technician: 507/ 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

	, , , , , , , , , , , , , , , , , , , ,		
То:	MARK RUHNKE Eisenbach & Ruhnke Engineering	AmeriSci Job# 0508-001 Subject: KAPLAN	
Fax #	315-735-6365	PCB Samle	Reserve
Date: Time: Comments:		85-C Through 55-8	SEP - 8 2005 Elsenbach & Ruhnke Engineering, P.C.
	his report consists of	pry Report 29 pages	
	Sample Receiv	ving Form I pages	

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Miscellaneous 7

Certified Analysis Service 24 Hours a Day - 7 Days a Week Competitive Prices www.amerisci.com

Boston - Los Angeles - New York - Richmond

Surface Soil Samples (SS-5 through SS-8) Metals & PCBs Analysis



Eisenbach & Ruhnke Engineering

Workorder No.

0508-00184

- Canada												
Sample: (Continued)	006	MW-5		/	/		/	/	,	/		
Parameter Butyl Benzyl Phthalate	/		Method EPA 8270C		Resul ND	<u>ts</u>	Units ug/L	PQL 5.0	Tegn TLL	Analysis Da 08/18/2005		Qual
3,3'-Dichlorobenzidine			EPA 8270C	/	ND		ug/L	5.0	/TLL	08/18/2005	15:30	/
Benzo(a)anthracene	/		EPA 8270g		ND		ug/L	5.0	/ TLL	08/18/2005	15:30	
Chrysene /	/	100	EPA 82/0C		ND		ug/L	5,6	TLL	08/18/2005	1 75:30	
bis(2-Ethylhexyl)phthalat	le		EPA/8270C		ND /		ug/L	5.0	TLL	08/18/2005	15:30	
Di-n-octyl phthalate			EPA 8270C		ND		ug/L	5.0	TLL	08/18/2005	/ 15:30	
Indeno (1,2,3-cd) yrene		/	EPA 8270C		ND		ug/L	5.0	TLL	08/18/2005	/ 15:30	
Benzo(b)fluorayIthene			EPA 8270C	/	ND		ug/L /	5.0	TLL	08/18/2005	/ 15:30	
Benzo(k)fluoranthene			EPA 8270C	/	ND		ug/L/	5.0	TLL	08/18/2005	/ 15:30	
Benzo(a)pyrene			EPA 8270C		ND		ug/L	5.0	TLL /	08/18/2005	/ 15:30	
Dibenzo(a,h)Anthracene			EPA 8270C		ND		46/L	5.0	TLL	08/18/2005	/ 15:30	
Benzo (g,h,i) perylene			EPA 8270C		ND	72	/ug/L	5.0	TIL	08/18/2005	/ 15:30	
2-FLYOROPHENOL (SU	KR)			/	41.8	/	%		TLL	08/18/2005	/ 15:30	
PHENOL-D5 (SURR)			/		28.8	/	%	,	/ TLL	08/18/2005	/ 15:30	
NITROBENZENE-05 (SU	IRR)				71.0		%		TLL	08/18/2005	/ 15:30	
2-FLUOROBIPHENYL (S	URR)		1		89.6		%		TLL	08/18/2005	/ 15:30	
2,4,6-TRIBROMOPHENO	L (SUR	R)			91.1	8	%	/	TLL	08/18/2005	/ 15:30	
TERPHENYL-D14 (SURR	()				93.4		%		TLL	08/18/2005	/ 15:30	

Collection Date: 08/12/2005 Matrix: SOIL	Time: 2:00:00PM		Received Date:	08/16	/2005	Time: 10:20:00AM	
Parameter PCB 8082-SOIL/SOLID	Method	Results	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	Analysis Date/Time	Qual
PCB-1016	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 19:20	
PCB-1221	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 19:20	
PCB-1232	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 19:20	
PCB-1242	EPA 8082	3380	ug/Kg	104	NAC	08/18/2005 / 19:20	
PCB-1248	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 19:20	
PCB-1254	EPA 8082	9490	u g/ Kg	518	NAC	08/18/2005 / 19:20	
PCB-1260	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 19:20	
PCB-1262	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 19:20	
PCB-1268	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 19:20	

12870

Certifications:

Sample:

MA: MA069

007 SS-6

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Page: 23 of

29



Eisenbach & Ruhnke Engineering

Workorder No.

0508-00184

Sample:

007 **SS-6**

(Continued)

Parameter TCMX (SURROGATE)	Method	Results 64.2	<u>Units</u> %	PQL	<u>Tech</u> NAC	Analysis Date/Time 08/18/2005 / 19:20	Qual
DCB (SURROGATE)		86.8	%		NAC	08/18/2005 / 19:20	
PCB OIL/SOIL EXTRACTIONS		10.16			MEW	08/16/2005 / 7:03	
Percent Solids		95.0	%		EBH	08/17/2005 / 7:25	

Sample: 800 **SS-7** Received Date: 08/16/2005 Time: 10:20:00AM Collection Date: 08/12/2005 Time: 2:00:00PM SOIL Matrix: Parameter Method PQL <u>Units</u> <u>Tech</u> Analysis Date/Time Qual **Results** PCB 8082-SOIL/SOLID PCB-1016 EPA 8082 ND ug/Kg 114 NAC 08/18/2005 / 19:43 PCB-1221 **EPA 8082** ND NAC ug/Kg 114 08/18/2005 / 19:43 PCB-1232 **EPA 8082** ND ug/Kg 114 NAC 08/18/2005 / 19:43 PCB-1242 ·· **EPA 8082** ug/Kg NAC 4340 114 08/18/2005 / 19:43 PCB-1248 EPA 8082 ND ug/Kg 114 NAC 08/18/2005 / 19:43 PCB-1254 NAC **EPA 8082** 58300 ug/Kg 1140 08/18/2005 / 19:43 PCB-1260 **EPA 8082** ND ug/Kg 114 NAC 08/18/2005 / 19:43 PCB-1262 **EPA 8082** ND ug/Kg 114 NAC 08/18/2005 / 19:43 PCB-1268 **EPA 8082** ND ug/Kg 114 NAC 08/18/2005 / 19:43 98.1 62, TCMX (SURROGATE) % NAC 08/18/2005 / 19:43 DCB (SURROGATE) 98.9 % NAC 08/18/2005 / 19:43 PCB OIL/SOIL EXTRACTIONS MEW 10.29 08/16/2005 / 7:03

Sample:

Percent Solids

009 **SS-8**

Collection Date: 08/12/2005 Time: Matrix: SOII Received Date: 08/16/2005 Time: 10:20:00AM 2:00:00PM

watrix:	SUIL							
Parameter PCB 8082-SOIL/SO	DLID	Method	Results	<u>Units</u>	<u>PQL</u>	<u>Tech</u>	Analysis Date/Time	Qual
PCB-1016		EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 20:06	
PCB-1221		EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 20:06	

84.9

%

Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

EBH

ND = Not Detected

NJ: 59744

08/17/2005 / 7:25



Eisenbach & Ruhnke Engineering

Workorder No.

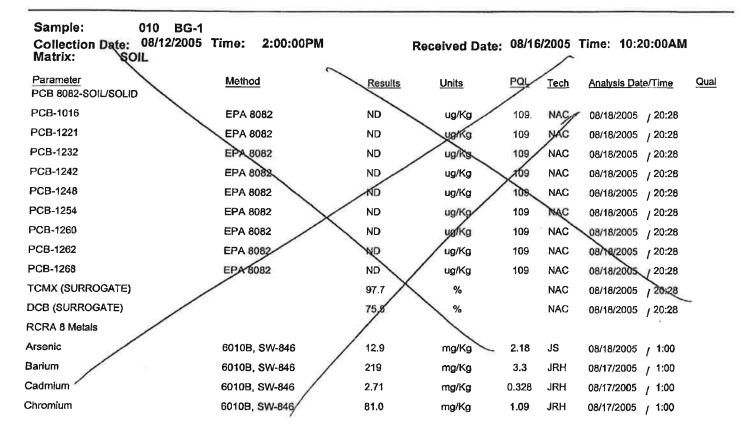
0508-00184

Sample:

009 SS-8

(Continued)

Parameter PCB-1232	Melhod EPA 8082	<u>Results</u> ND	<u>Units</u> ug/Kg	<u>PQL</u> 104	Tech NAC	Analysis Date/Time 08/18/2005 / 20:06	Qual
PCB-1242	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 20:06	
PCB-1248	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 20:06	
PCB-1254	EPA 8082	9210	ug/Kg	518	NAC	08/18/2005 / 20:06	
PCB-1260	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 20:06	
PCB-1262	EPA 8082	ND	ug/Kg	104	NAC	08/18/2005 / 20:06	
PCB-1268	EPA 8082	ND Co.	ug/Kg	104	NAC	08/18/2005 / 20:06	
TCMX (SURROGATE)		122 9210	%		NAC	08/18/2005 / 20:06	
DCB (SURROGATE)		157	%		NAC	08/18/2005 / 20:06	
PCB OIL/SOIL EXTRACTIONS		10.01			MEW	08/16/2005 / 7:03	
Percent Solids		96.5	%		EBH	08/17/2005 / 7:25	



Certifications:

MA: MA069

NY:10982

CT: PH0119

RI:A45

NJ: 59744

Notes: W 200 TEMP UPON RECEIPT. 52 P DATE: TIME DATE: DATE: TIME: TIME Š P.O.# PAGE 8-5 × X 11 DAY 12 DAY 13 DAY X 5 DAY 17 DAY 10 DAY 2016 × × × × L × × 8570 5001 × X 250 X X × SAMPLE DH AT ſ RECEIVED FOR LABORATORY BY: (PRINT) PRESERVATIV (Э) этігочмоэ но (Э) ваяв 2 S RECEIVED BY: (PRINT) CONTAINER: P-PLASTIC G-GLASS V-VOA RECEIVED BY: (PRINT) Project N SAMPLING INFORMATION TECH AMERISCI JOB NO: ځ DATA PACKAGE: 3 26.pr TIME (Sign) 200 700 (SIGN) (Sign) DUE DATE: DATE: 8/12/05 10 CLAM DATE: 5/1 5/0) 2/1/2 5/12 TIME 4:00 FAX 2: 3 EISEN BACH & RUHNKE ENCENNEBORNS, #4 M TIME 552 DATE: TIME 888.724.5221 Toll Free 781.337.9334 Phone ~ 781.337.7642 Fax 8 School Street ~ Weymouth, MA 02189 MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS CONTAINER _ PE © CHAIN OF CUSTODY RECORD U O 6365 EMAIL: Size Project Number: AMERISCI BOSTON るのまとれば MATRIX S クセ WI-WIPES C-CASSETTES W-WASTE O-OTHER ROH N K TAPLAN'S SCRAP YARD K. T. CONTACT. MARK RUHN HE CLIENT SAMPLE DENTIFICATION 291 GENESER ときれて BABLANK とみなべ りし PHONE: 315 735 1916 Do 7-36 Q 38 3W-1 1 SAMPLED BY: (PRINT) MW-3 B6-2 B6-3 SS 55 ろり B6-1 www.amerisci.com AMERI SCI RELINQUISHED BY: PRIN 3 COMPANY ADDRESS: RELINGUISHED PROJECT LAB NAME: (SIGN) (Sign) (SIGN)

Sample Receiving Form

Sample	10001111	-6 - U	
CLIENT: Eisen buch + Ruhwke WORKORDER: OSB-A	84		
CLIENTS JOB: Taplais Scrapyor & RECEIVED BY: SOH	_		
RECEIVED DATE: 8/1/2 SHIPPING METHOD: 7	ed 6	3	
TEMP UPON RECEIPT: 6°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			1
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,	حر		
date, signed, analysis, preservation)?	\(\sigma \)		
Were the correct containers used for the tests indicated?			
Were proper preservation techniques indicated?	1		
Were samples received within holding times? If "NO" nonconformance form is required.	厂		
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?	<u> </u>		
If "NO" check one: Blue Ice No Ice	X		
Is sample temperature recorded?	1		
If "NO" check one: Unable to record Temp taken near sample:			
Were pHs of samples checked and recorded on the COC forms?	صو		
Did the laboratory accept samples?	X		
Will samples be subcontracted? If "yes" list subcontractor and tests in			
specified sections below.			
Subcontractor: Date Sent Out:		-	
Analyses Sent:			
Login Technician: Login Review:			
Comments to 164+ one VOA vial client 10	ma	1-1	
0011 010 0011 011			
De Rubbes Found in NOA's			
(De) Rubbes tovid in NOA's			4000
550			

SHPTO: (888)724-5221
Mr. Mark Porta
AmeriSci Boston
8 School Street From: Origin ID: (315)735-1916 Susan Beadle EISENBACH & RUHNKE ENG., P.C 291 GENESEE ST UTICA, NY 13501 Weymouth, MA 02189 BILL SENDER Ship Date: 15AUG05 Actual Wgt: 36 LB System#: 5901978/INET2200 Account#: S********* 02189 -MA-US TRK# 7901 1914 4732 PRIORITY OVERNIGHT Delivery Address Bar Code **ZB XPUA** FORM 0201 BOS Deliver By: 16AUG05 TUE

0508-184

Appendix-C Record Keeping Requirements §761.125(c)(5)

Appendix -C Record Keeping Requirements

- (5) Records. The responsible party shall document the cleanup with records of decontamination. The records must be maintained for a period of 5 years. The records and certification shall consist of the following:
- (i) Identification of the source of the spill, e.g., type of equipment.
- (ii) Estimated or actual date and time of the spill occurrence.
- (iii) The date and time cleanup was completed or terminated (if cleanup was delayed by emergency or adverse weather: the nature and duration of the delay).
- (iv) A brief description of the spill location and the nature of the materials contaminated. This information should include whether the spill occurred in an outdoor electrical substation, other restricted access location, or in a nonrestricted access area.
- (v) Precleanup sampling data used to establish the spill boundaries if required because of insufficient visible traces and a brief description of the sampling methodology used to establish the spill boundaries.
- (vi) A brief description of the solid surfaces cleaned.
- (vii) Approximate depth of soil excavation and the amount of soil removed.
- (viii) Postcleanup verification sampling data and, if not otherwise apparent from the documentation, a brief description of the sampling methodology and analytical technique used.
- (ix) While not required for compliance with this policy, information on the estimated cost of cleanup (by man-hours, dollars, or both) would be useful if maintained in the records.

Appendix-D Alternate Decontamination Approval Request per 40CFR 761.79(h)



Eisenbach & Ruhnke

ENGINEERING, P.C.

November 3, 2010

Ms. Judith Enck, Regional Administrator U.S.E.P.A. Region 2 290 Broadway, 26th Floor New York, NY 10007-1866

Dear Ms. Enck:

Kaplan's Scrap Yard, Inc. is submitting this letter as a request for Alternative Decontamination Approval and Sampling Procedures in accordance with 40 CFR 761.79(h).

The following details the scope of work to be performed at the conclusion of Site operations. Equipment used for the remediation of PCB contaminated soil or has come in contact with potentially PCB contaminated soil/liquids will require decontamination. CAPSUR will be used as the decontamination solution of choice and the manufacturer's technical data is attached.

In accordance with 40 CFR 761.79(h), it is proposed that for:

Excavating and loading equipment and decontamination pad

The selected decontamination procedure as allowed in 761.79(b) will attain the standard of 10 ug/100 sq cm as stated in 761.79(b)(3)(i)9A); using a standard wipe test as described in 761.123. In this manner, equipment used for the remediation of PCB soil will be effectively decontaminated. This procedure will be performed at the close of the project, repeated as necessary to decontaminate equipment that has/had the potential to contact PCB contaminated soil during the cleanup project.

CAPSUR, a product manufactured by Integrated Chemistries, Inc. will be used as the decontamination solution to wash the heavy equipment and where necessary, sampling equipment and other non-disposables in accordance with the manufacturer directions. Washing will be followed by a rinse stage consisting of a high-pressure, hot-water power-wash. This heated water will be removing any potentially oily residue that may remain from contact with the soil. The power washing will be performed on/over the decontamination pad constructed at the Site so that the rinsate is collected and treated via the on-site water treatment system.

After the decontamination wash/rinses, wipe samples will be collected from surfaces of the equipment to provide a representative residual PCB concentration. A wipe sample will consist of at least one (1) sample collected from each unique portion of the equipment (bucket/tracks) in contact with soil from soil excavation areas. An additional sample will be collected from another unique surface of the equipment where there is the potential for particulate accumulation.

Example: Upon removal of the PCB contaminated soil, the excavator will be driven on to the decontamination pad. The decontamination solution will be applied to the excavator, including bucket and tracks via high pressure/low volume pressure washer and allowed to remain on the

To: Ms. Judith Enck Date: November 3, 2010

Page 2 of 2

surfaces for a minimum of five minutes. The decontamination solution will then be rinsed with water using a high-pressure power washer until decontamination solution has been removed based on visual observations. Wipe samples over an area of 100 sq cm will then be collected from each of the following: one of the track segments, the bucket, and a tertiary surface with the potential to have collected dust during excavating operations. Each sample will be analyzed at an ELAP certified laboratory in accordance with 761.123. Procedure for decontamination will be repeated as needed.

Please call if you have any questions regarding this matter at (315)735-1916.

Sincerely,

Mark Ruhnke Vice- President

Eisenbach & Ruhnke Engineering, P.C.

Enc: CAPSUR Aqueous-based solvent information

C05523-29

GENERAL CAPSUR® INFORMATION

PRODUCT DILUTION	One part CAPSUR [®] is mixed with four parts water		
PRODUCT COVERAGE	One gallon will freat 125 to 150 square feet		
EXTRACTION EFFICIENCY	The majority of the data on extraction efficiencies has shown typical values of 90 to 98 percent per application		
APPLICATION PROCEDURE	The application procedure recommends a foam applicator. The area is foamed, agitated with a stiff broom and allowed to dwell for five minutes. Residues are vacuumed. The area is lightly rinsed and re-vacuumed. The area is foamed again, followed by a five-minute dwell, vacuumed and rinsed, and re-vacuumed. The area is refoamed, vacuumed and triple rinsed. This is outlined in the application procedure information which is included in this package.		
SURFACE AFTER CLEANING	In most cases, the surface has a bleached appearance after cleaning, similar to an acid washing. To date, no customers have reported wicking or bleeding after cleanup.		
DEPTH OF PENETRATION	CAPSUR® can effectively remediate to a depth of 1/2-inch to 2-inch in porous surfaces such as concrete. Extraction efficiencies after two passes that are lower than 40 percent indicate potential problems. Efficiencies drop: 1) when the contamination exceeds the effective depth that the product can remediate; 2) when solvents or detergents have been used prior to cleanup with CAPSUR; or 3) in areas with a history of spills and cleanups with residual levels remaining after cleanup.		
SITE PRESENCE	No one from integrated Chemistries is required on site. A training tape of the application procedure is available and should provide adequate information.		
WASTE GENERATED	Approximately 0.07 gallons of waste per square foot area cleaned is generated with each cleanup application.		
WASTE DISPOSAL	Breaking the emulsion, followed by skimming and consolidating any free oils can treat spent cleaning solution. The remaining solution can be treated through an activated carbon system. The consolidated PCB oils skimmed from the solution can be sent for chemical reclamation or incineration.		

Integrated Chemistries, Incorporated P.O. Box 10558 ◆ White Bear Lake, MN 55110

Phone: 651/426-3224 ◆ Fax: 651/426-3114 ◆ Email: info@integratedchemistries.com

Rev: 10/16/08

INTEGRATED CHEMISTRIES, INC. P.O. Box 10558 White Bear Lake, MN 55110 651-426-3224 Phone 651-426-3114 Fax www.integratedchemistries.com

Technical Data CAPSUR ® APPLICATION

CAPSUR® is a patented, aqueous-based solvent with emulsifiers developed for the clean-up of Polychlorinated Biphenyl (PCBs) and other hazardous hydrocarbon based spills on solid surfaces. CAPSUR is most effective when applied with a foamer. Application of non-foamer mixed CAPSUR solutions should be applied using the same application sequence as foamed solutions. U.S. Patent No. 4,792,413, No. 4,844,745 and No. 4,921,628.

Equipment Necessary

Model T Jr. Foamer: 15 gallons

Compressed Air:

Plant compressed air 80 psi at 8 cfm.

Compressed Air Line:

Air supply hose with a connection for an industrial 1/4" Interchange quick disconnect nipple.

Industrial Wet Vacuum:

> 100 cfm with shielded (spark proof) motor, grounded at plug.

Water Supply:

Used for dilution of product and rinsing between applications.

Safety Equipment:

Respiratory, Skin and Eye Protection (see MSDS).

Note and Disclaimer:

The Model T Jr. Foamer is the ONLY foam applicator currently endorsed and sold by Integrated Chemistries incorporated for use with CAPSUR. SELECTION AND USE OF ANY OTHER FOAMER UNIT IS AT THE SOLE RISK OF THE USER.

Recommended Application

Surfaces should be dry and free of excess grease, dirt or oil buildup. Application is most effective at surface temperatures between 45°F and 90°F.

NOTE: THE USE OF KEROSENE OR OTHER SOLVENTS IN PCB SPILL CLEAN-UP ACTIVITIES MAY INTERACT WITH THE SUBSTRATE AND INCREASE THE MIGRATION OF PCBS INTO THE CONTAMINATED MEDIA MAKING REMOVAL MORE DIFFICULT.

CAPSUR APPLICATION Page Two

Step I - CAPSUR:

Product (CAPSUR) is to be mixed one (1) part CAPSUR to four (4) parts water. Mix inside of Model T Jr. Foamer, putting in the water FIRST. (Make sure the tank is not pressurized by opening the pressure relief valve.)

Step II - Model T Jr. Foamer:

(Read Warnings on Label)

- 1. After mixing the product, close the hatch and pressure relief valve.
- Pressurize the tank by connecting the air supply hose to the 1/4" Industrial interchange quick disconnect nipple.
- 3. Adjust the Pressure Regulator to 80 psi.

Step III - Application of Foam:

Apply a uniform foam blanket in 10-foot by 10-foot grids. Coverage thickness should be .5 to 1 inch in depth.

- 1. Foam by opening tank valve and then the nozzle valve.
- Foam consistency can be made wetter or dryer by adjusting the air and/or product needle valves. (Dryer foam will be required for vertical and overhead surfaces allowing foam to dwell longer).
- 3. Relieve the tank and hose pressure when not in use by shutting off the air and opening the pressure relief and hose valves.

Step IV - Dwell Time:

Allow the product to dwell for approximately 5 minutes. Agitate surface with stiff bristle industrial broom. Vacuum surface of all possible product and free liquid.

Step V - Rinse:

Apply light coverage of clean rinse water (enough to completely cover the surface); vacuum rinse completely.

Step VI - CAPSUR:

Reapply a uniform foam blanket over entire grid surface; allow 5-minute dwell time; vacuum surface completely.

CAPSUR APPLICATION Page Three

Step VII - Rinse:

Apply light coverage of clean rinse water (enough to completely cover the surface); vacuum rinse completely.

Step VIII - CAPSUR:

Reapply a uniform foam blanket over entire grid surface; allow 5-minute dwell time; vacuum surface completely.

Step IX - Rinse (Triple):

Triple final rinse (repeat rinse vacuum step three times).

Coverage:

Application coverage rate will vary with surface porosity and operator proficiency. The following are average coverage rates:

Porous: Concrete = 125 square feet per gallon

Asphalt = 175 square feet per gallon

Non-Porous: Metals = 200 square feet per gallon

Painted surfaces should be patch tested prior to application as paint softening or

discoloration might occur.

Non-Foamer Applications:

CAPSUR can be applied without using a Model T Jr. Foamer. After proper dilution of the product, apply the solution and vigorously agitate the surface for the full five-minute dwell cycle. Do not allow the surface to dry out during the dwell time. If so, add more solution. Product consumption will most likely be greater in non-foamer applications and extraction efficiency may be decreased.

Older and High Concentration Spills:

PCBs have shown a propensity to migrate into porous surfaces. If the concentration of PCBs is very high, the spill is old, or in a site with a history of spills, multiple applications of CAPSUR will be necessary to get acceptable readings. It is not uncommon when analyzing before and after the first few treatments to get higher readings due to the product's ability to extract PCBs from solid surfaces. Taking core samples for determination of depth of penetration is strongly recommended in these cases.

CAPSUR APPLICATION Page Four

Clean-Up:

Because of the chemical activity of CAPSUR, the equipment used for application and vacuuming requires routine inspection and maintenance. Hoses and gaskets will have to be periodically replaced. Washing the foamer, its hoses and gaskets with soap and water and rinsing with water is recommended after each use to extend lifetime.

Disposal:

User is responsible for the proper handling and disposal of waste materials and residues resulting from the use of CAPSUR. Dispose of In accordance with all federal, state and local regulations.

For additional product information, please contact Integrated Chemistries, Incorporated at 651/426-3224. CAPSUR is available in 5- and 55-gallon steel containers.

Emergency information in regards to ingestion, skin contact, eye contact or inhalation is included in the Material Safety Data Sheet. If any of these emergencies occur, the Poison Control Emergency contact is Chem-Tel, Inc. at 1-800-255-3924.

EXTENT OF WARRANTY: To original purchasers of CAPSUR from Integrated Chemistries, Incorporated, this company warrants only that such product shall be of its standard quality at the time of first shipment. Integrated Chemistries, Incorporated makes NO WARRANTY OF MERCHANTABILITY, OF FITNESS FOR PARTICULAR PURPOSE, OR OF ANY OTHER KIND WHATSOEVER, EXPRESS OR IMPLIED. Purchasers and/or users assume all risk and liability for the use of such product whether used singly or in combination with other substances. This product is not to be repackaged without the knowledge and permission of the manufacturer, and without proper warning statements.

MATERIAL SAFETY DATA SHEET (Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1998)

SECTION 1: Chemical Product & Company Identification

Product Name: CAPSUR®

Chemical Name: Aromatic hydrocarbon mixture

Manufacturer Name & Address:

INTEGRATED CHEMISTRIES

P.O. Box 10558

White Bear Lake, MN 55110

Telephone Contact Number & Hours of Operation: (651) 426-3224, 8 a.m. - 5 p.m. Central Standard Time

Website/E-mail: www.integratedchemistries.com / info@integratedchemistries.com

Emergency Telephone Contact Number: CHEM-TEL, INC.

CHEM-TEL, INC.
Domestic: 800-255-3924

International: 813-248-0585

SECTION 2: Composition/Information on Ingredients

The exact identity of the ingredients of this product are considered confidential because they are a trade secret. The hazards associated with these ingredients are addressed in this document. For specific information on these trade secret ingredients, assistance or information on the management of exposures or spills, please call PROSAR at 1-800-228-5635. The occupational exposure limits listed below apply to this product.

		OSHA PEL	ACGIH TLV
Hazardous Ingredients(*):	CAS No.	TWA STEL	TWA STEL
Naphthalene	91-20-3	10 ppm NE	10 ppm 15 ppm
Trimethylbenzenes	25551-13-7	NE NE	25 ppm NE
Ethylene glycol monobutyl ether (skin)	111-76-2	50 ppm NE	20 ppm NE
Monoethanolamine	141-43-5	3 ppm NE	3 ppm 6 ppm
Potassium hydroxide	1310-58-3	NE NE	NE 2 mg/m ^{3(C)}
Cyclohexanol ^(skin)	108-93-0	50 ppm NE	50 ppm NE

^{*}all ingredients in quantities > 1.0 % (0.1 % for carcinogens) that are potentially hazardous per OSHA definitions NDA = no data available

NE = not established

Skin -potentially harmful amounts can be absorbed through the skin

C -ceiling value

Some States enforce the PEL's that OSHA promulgated in 1989, which were subsequently vacated by the U.S. Supreme Court. Check with your State OSHA agency to determine which PEL is enforced in your jurisdiction.

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SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

Physical description: Clear green liquid

Odor: mild solvent odor

Potential Health Effects: WARNING! Causes eye and skin irritation. Vapors and mists are expected to cause upper respiratory tract irritation with coughing and nasal discharge. Vapors and mists may cause central nervous system depression with dizziness, drowsiness and incoordination. Harmful amounts may be absorbed through the skin. May be harmful or fatal if swallowed-potential aspiration hazard. Repeated or prolonged occupational exposure to solvents has been associated with permanent brain and nervous system damage. Repeated or prolonged exposure may cause skin allergic reactions and defatting of the skin (which can cause dermatitis). Personnel responding to a spill of this material should wear appropriate personal protective equipment.

Fire Fighting Measures: Combustible liquid and vapor. Keep away from heat, sparks or open flames.

NFPA RATING:

Health - 2

Flammability - 2

Reactivity - 1 Special-NDA

HMIS RATING:

Health - 2

Flammability - 2

Reactivity - 1 Protective Equipment - X

SECTION 4: First Aid Measures

Skin Contact: Remove contaminated clothing. Flush affected area with water for at least 15 minutes. Wash affected area with mild soap and water. Seek medical attention if symptoms develop and persist.

Ingestion: Immediately rinse mouth out and give sips of water (NEVER give anything by mouth to an unconscious person). DO NOT INDUCE VOMITING. Seek medical attention immediately.

Eye Contact: Immediately flush with plenty of water. Remove contact lenses (if easy to do) and continue flushing for at least 15 minutes. Seek medical attention immediately.

Inhalation: Remove to fresh air. Seek medical attention if breathing becomes difficult.

Antidotes/Notes to Physicians: No known antidote. This product is potentially an aspiration hazard.

SECTION 5: Fire Fighting Measures

Flashpoint: 145° F (63° C) COC Autoignition temperature: NDA

Flammable Limits: LEL: 0.5 UEL: 6.0

Extinguishing media: Use water spray, fog, regular foam, dry chemical or carbon dioxide

Hazardous products of combustion: Carbon monoxide, carbon dioxide, nitrogen containing compounds (NO₂,

NO_x), sulfur containing compounds (SO₂, SO_x)

Unusual fire and explosion hazards: Combustible liquid and vapor. Keep away from heat, sparks and flame. Containers may explode when heated. Cool containers exposed to heat and flame with water spray. When heated, vapors may form explosive mixtures with air and pose an explosion hazard indoors, outdoors, and in sewers. Do not direct a solid stream of water or foam into the burning material as this may cause spattering and

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spread the fire. Water used to extinguish a fire should not be allowed to enter the drainage system.

Protective Equipment: Use NIOSH/MSHA approved SCBA and full protective gear.

SECTION 6: Accidental Release Measures

Extinguish all ignition sources immediately. Do not attempt to clean up chemical spills without appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material. For small spills, absorb or cover with dry earth, sand or other non-combustible material and transfer to sealable containers for disposal. For large spills, dike around spill for later disposal. Prevent entry into waterways, sewers, basements, or confined areas. Do not get water inside containers. Ventilate area and wash spill site after material pickup is complete. See section 13 for information on the disposal of recovered material.

SECTION 7: Handling & Storage

Handling: Avoid eye and skin contact. Avoid breathing mists and vapors.

Storage: Store upright in a cool, dry, well-ventilated area out of direct sunlight. Store away from incompatible materials (see Section 10). Keep containers tightly closed at all times. Protect containers from physical damage. Do not reuse container. Use with proper personal protective equipment (see Section 8). Keep out of reach of children.

SECTION 8: Exposure Controls & Personal Protective Equipment

Engineering Controls: Use local exhaust in processing or storage areas. If any of the limits in section 2 are exceeded, local ventilation or respiratory protection may be necessary.

Skin: Protective gloves recommended to prevent skin contact. Contact glove manufacturer for more information.

Eye Protection Wear safety goggles.

Respiratory: If industrial hygiene surveys show that the exposure limits in Section 2 are exceeded, use of a NIOSH approved respirator is necessary. Seek professional advice prior to respirator selection or use. Follow OSHA respirator regulations (29 CFR 1910.134). Use a positive pressure air supplied respirator if there is a potential for an uncontrolled release, exposure levels are not known, or under any other circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9: Physical & Chemical Parameters

Physical State: Liquid Odor: solvent odor

Vapor Density (air = 1): 4.8 Boiling Point: 212°F (100°C)

Viscosity: NDA

Specific Gravity: 0.965-0.985 @ 60°F (16°C)

Solubility in water: Moderate

Appearance: Clear green

Vapor Pressure: Negligible

Percent Volatile by Volume: 60%

Freezing Point:

NDA

Melting Point:

 $< 32^{\circ}F (0^{\circ}C)$

Bulk Density: NDA

pH: 11.0 (undiluted)

SECTION 10: Stability & Reactivity

Stability: Stable

Incompatible Materials and conditions to avoid: Rubber, plastic, strong acids, strong oxidizing agents, heat, temperatures approaching the flashpoint.

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Hazardous polymerization: Will not occur.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, nitrogen containing compounds (NO₂, NO_x), sulfur containing compounds (SO₂, SO_x)

SECTION 11: Toxicological Information

There are no product-specific toxicological data available addressing either acute or chronic exposure. Exposure to this product can occur by eye and skin contact, inhalation of vapors or mists, and ingestion. Skin contact is expected to cause moderate to severe irritation. Prolonged or repeated skin contact may cause skin allergic reactions (sensitization) and defatting of the skin resulting in dermatitis. Harmful amounts may be absorbed through the skin. Absorption of large amounts may cause headache, nausea, vomiting and dizziness. Eye contact is expected to cause moderate to severe irritation. Exposure to mists or vapors is expected to cause upper respiratory tract irritation (with coughing and nasal discharge), eye irritation, and central nervous system depression (with headache, weakness, dizziness, nausea and loss of coordination and judgment. Exposure to high concentrations of mists or vapors may cause liver and kidney injury, asthmatic bronchitis, narcosis, pulmonary edema, and possibly death. Ingestion is expected to cause nausea, vomiting, and diarrhea along with severe irritation to the moth, throat, esophagus, and gastrointestinal tract. Eye changes such as cataract formation and retinal damage have been documented in animal studies following ingestion of naphthalene. Aspiration of this product into the lungs may cause chemical pneumonitis, a potentially fatal condition, which is initially characterized by coughing, choking, difficulty breathing, and possibly pulmonary edema and hemorrhage. There were no data available for this product addressing potential reproductive, developmental, mutagenic or carcinogenic effects following exposure to this product.

Ingredient Based Information: The exact ingredients of this product are considered a trade secret.

Carcinogens: None per OSHA, NTP, or IARC

Target Organs: All tissue (moderate to severe irritation), eyes, lungs, central nervous system, liver, kidneys.

Medical Conditions that May be Aggravated by Exposure: Respiratory diseases (e.g. bronchitis, asthma), liver,

kidney and central nervous system disorders.

SECTION 12: Ecological Information

Ecotoxicity: NDA

Environmental Fate: NDA

SECTION 13: Disposal Considerations

This material (as packaged) may be considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: Combustible liquid, n.o.s., combustible liquid, NA1993, PGIII

This shipping description is only valid for use within the United States of America.

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SECTION 15: Regulatory Information

Chemical Inventories: The components of this product listed in Section 2 are listed on the TSCA Inventory List, the DSL/NDSL and the EINECS.

Reportable Quantities (RQ) (40 CFR table 302.4):

Naphthalene (CAS#91-20-3)

Dodecylbenzyl sulfonic acid (CAS# 27176-87-0)

Potassium hydroxide (CAS# 1310-58-3)

100 lbs (45.4 kgs)
1000 lbs (454 kgs)
1000 lbs (454 kgs)

SARA TITLE III (Superfund Amendments and Reauthorization Act):

Section 302 Extremely Hazardous Materials (40 CFR 355): None listed

Sections 311/312 Hazard Categories (40 CFR 370):

Immediate (Acute) Health Effects: YES
Delayed (Chronic) Health Effects: YES

Fire Hazard: YES

Sudden Release of Pressure Hazard:

NO

Reactivity Hazard:

: NO

Section 313 Toxic Chemical Release Reporting (40 CFR 372.65(a)): Naphthalene (CAS# 91-20-3), 1,2,4-trimethyl benzene (CAS# 95-63-6) and cyclohexanol (CAS# 108-93-0).

STATE REGULATORY INFORMATION: Since each state has the authority to promulgate standards more stringent than the federal government, this section cannot provide an inclusive list of all state regulations, which apply to this product. Questions related to state regulations should be directed toward local officials.

SECTION 16: Other Information

For additional information, refer to the 2000 North American Emergency Response Guidebook and the ACGIH Documentation of the Threshold Limit Values.

This information is provided in good faith, but without express or implied warranty.

This MSDS was prepared by Environmental Health & Safety, Inc., St. Paul, MN, 55116, USA

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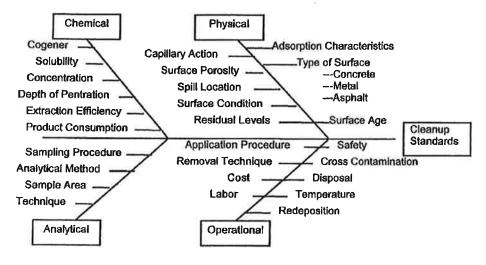
CLEANUP OF POLYCHLORINATED BIPHENYLS USING THE CAPSUR® TECHNOLOGY

Bruce A. Bohnen
Integrated Chemistries, Incorporated
P.O. Box 10558
White Bear Lake, Minnesota 55110

Building structures occasionally are contaminated with one or more hazardous organic chemicals such as PCBs. PCBs have shown an extreme environmental stability and have proven to be very difficult to effectively remediate[®]. Given the history of PCBs spilled and the increasingly stringent cleanup standards, the cost of PCB cleanup is constantly increasing.

The amount of PCB contamination that can be removed in a cleanup differs from site to site[®] depending upon the type of surface to be cleaned, the age of the surface, the elapsed time since the spill occurred, the ability to remove the cleanup chemicals, the type of PCB and whether the cleanup is in an area of repeated spills[®]. Each one of these variables makes comparative evaluations difficult. The factors relating to successful PCB remediation are shown in the following cause and effect diagram[®].

PCB SPILL CLEANUP CAUSE AND EFFECT DIAGRAM



The majority of PCB spills from electrical transformers takes place on porous materials such as concrete and asphalt. PCBs have shown strong penetrating properties on porous materials. Concrete itself has characteristics which make cleanup difficult, most notably its porosity which directly affects the extent of migration of a liquid or vapor contaminant. Aging and weathering also changes concrete's porosity and absorption characteristics, making it easier for PCBs to migrate further into the material. Surface defects, such as cracks, provide an easier path into the concrete. In addition, the

concrete is usually an integral structural component of the building with demolition and disposal not always being an option.

Another factor affecting PCB cleanup is the variability in field test procedures and the analytical methods for PCB analysis. A solvent wipe sample is not as effective on porous surfaces as on nonporous surfaces. Sample results vary depending upon the total area included in the wipe sample, the person doing the sampling, the location of the sample and the analytical method used. Duplicate analysis of the field sampling and the analytical data show a large variability in the method results.

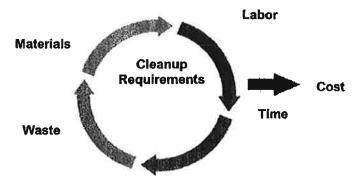
The final consideration in the cleanup of PCB spills is the regulatory standards. These standards apply to the surface as well as the depth of penetration. The PCB removal system employed must be able to efficiently extract the PCB from the contaminated surface. If this does not work, demolition and disposal of the surface becomes the only option.

The strategy for site remediation should begin with determining the nature and extent of contamination present[®]. The key variables in this stage are: 1) the depth of contamination, 2) the time allowed for cleanup, and 3) the cleanup level required. The final step would evaluate the decontamination effectiveness by using statistically valid sampling and analytical techniques.

A site-specific decontamination plan can be developed by choosing the best remediation process that will efficiently remediate the PCBs. The evaluation of decontamination procedures should consider the production rate of the process, use processes that minimize cross-contamination, effectively reach the depth of contamination and generate as little waste as possible. The methods for surface decontamination can be categorized under the following techniques: 1) chemical processes, 2) scarification, 3) concrete removal, and 4) treatment in situ.

One or more of these methods may be used to achieve the required cleanup standard. Each method will have four major factors that will determine the cost for the cleanup. These factors are: 1) waste generated in the process, 2) the labor involved in a process, 3) the materials needed, and 4) the time allowed for cleanup.

CLEANUP COST FACTORS



Until recently, the chemical processes used to clean up PCBs were developed for other applications but proved useful for PCB remediation. The cleanup of PCBs was primarily accomplished with the use of like polarity solvents for PCBs, such as kerosene, hexane and chlorinated solvents such as trichlorethylene. Solvents have been used because of their increased PCB solubility. The drawbacks of using solvents are their volatile nature, their flammability and the difficulty in both application and removal. The use of solvents also increases the PCBs' mobility, allowing them to migrate further into porous surfaces.

Detergents have also been extensively used in cleaning up PCB spills. The surfactants in these products reduce the surface tension which increases the solubility of the soils to be cleaned. Even with the use of a surfactant, PCBs are not very soluble in these products. The soil and oil in the spill area are soluble in detergents, which allows effective surface removal of the PCB. Alkaline detergents rely on their increased surfactant capacity to remove PCBs from the surface while acidic formulations rely on surface etching and increased soil solubility. Due to the polar nature of the detergent, redeposition is a major problem. The PCB-laden soil must be removed before it is redeposited on the surface. Additionally, the difficulty and complexity of waste treatment and disposal requirements present further problems.

Integrated Chemistries, Incorporated has developed a patented PCB extraction process using an aqueous-based solvent system. Chemically, CAPSUR® interacts with the PCB molecule allowing extraction of PCBs from surfaces, and then suspends the PCBs in water allowing easy removal. The formulation also has the additional capability of being applied as a foam blanket which allows application to overhead, vertical and horizontal surfaces. This increases the contact time with the surface and the PCB extraction efficiency while reducing the volume of material needed for cleanup.

The CAPSUR® process was developed by first evaluating bulk extraction efficiencies. A known amount of PCB was put in a graduated conical centrifuge tube and extracted with CAPSUR®. The weight of the extracted PCB determined the extraction efficiency of the product. Extraction efficiencies, in some cases, were as great as 98 percent.

The application procedure for CAPSUR® follows classical laboratory extraction procedures. The contaminated area is foamed, agitated with a stiff broom and left for a five minute dwell time. The residues are vacuumed up, the surface lightly rinsed with water and then revacuumed. The first step is repeated, omitting the agitation step. The area then is foamed with a five-minute dwell time, vacuumed, triple rinsed with water and vacuumed again. The emulsified PCBs are suspended in water and vacuumed up and out of the surface, counteracting the effect that gravity has had on the extent of contamination.

Customer use data has validated the effectiveness of CAPSUR® formulation and application procedure (Appendix 1). These results are consistent with bulk extraction efficiencies predicted in the laboratory and can be used to predict the number of application cycles of CAPSUR® necessary to reach the desired cleanup standards (Appendix 2). In areas with initial spill concentrations less than 200 ug/100 cm², one application has met regulatory standards. In areas with concentrations ranging from 200 to 800 ug/100 cm², two cycles are required (Appendix 3). Concentrations greater than 800 require three or more cycles (Appendix 4). This data suggests that the extraction capacity is a function of the extent of PCB contamination and the capacity of the cleanup solvent.

Typically, one of the major problems at a cleanup site is turnaround time for analysis. Once a spill occurs, a field analysis kit, using a Enzyme ImmunoAssay (EIA) kit, could evaluate whether PCBs were spilled and at what concentration levels. The same analysis kit could confirm whether the cleanup was completed or whether further chemical or physical treatment is necessary. The major cost associated with PCB cleanup is the labor involved in the cleanup process. A field analysis kit would make it easier to mobilize cleanup crews when analytical results dictate that cleanup is necessary and keep the crews in the field until cleanup is completed. This kit would eliminate the downtime waiting for lab results and the remobilization costs for the cleanup crew.

Both the enzyme-linked immunosorbent assay (ELISA) and the enzyme immunoassay (EIA) have been shown to be useful residue analysis methods. ELISA and EIA have been used extensively in clinical chemistry but their commercial introduction into environmental chemistry has been relatively recent. The conventional analysis method for the PCB, by GC/ECD or GC/MS, is sensitive and well characterized. However, these instrumental methods are not readily adopted to the development of a fieldable PCB assay. ELISA and EIA can be utilized to develop a fieldable assay kit. The ELISA assay has demonstrated low matrix interference and high sensitivity for the detection of the Aroclor 1242, 1248, 1254 and 1260 PCB mixtures. Appendix 5 is illustrative of the performance of the PCB ELISA format for the analyte Aroclor 1248. The response observed for the assay in this format will provide a detection limit of 840 ppb for a direct sample extract and a detection limit of 17 ppb for a 50x concentrate.

The specificity of this method eliminates interference effects commonly found in other field test kits. The dynamic range, precision, standard deviation and matrix effects approach the capabilities achieved by GC/MS. The test principles are based on the use of antibodies which recognize the analyte. A competition event occurs where a known recorded analyte competes with the unknown analyte. The concentration is determined by the chromogen molecules turning color, with color inversely proportional to concentration. The time for analysis is 20 minutes and the kits are easy to use with no special training required.

As case studies have shown, it is much easier to clean up a new spill than an old spill. As PCB usage is phased out, the remaining challenge will become cleaning up past spills. Knowing to what depth a product can extract and clean the building structure along with a field test kit to confirm cleanup efficiencies will help in site remediation. This will determine if the chemical process alone can meet the standards, if a mix of surface grinding and the chemical process is necessary, or if demolition is the only option.

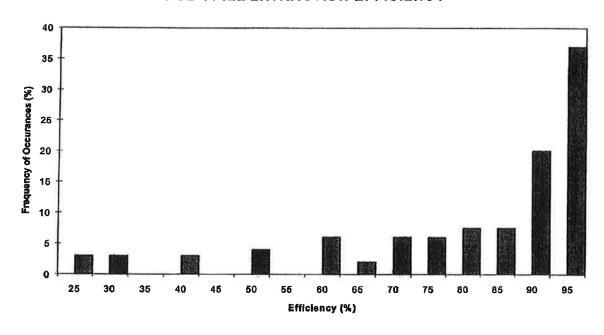
REFERENCES

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- ² USEPA, Fed. Regist., 52(63), 10688-710
- Goldman, L.M.; Bouchard, R.; Okum, J. Hazard. Wastes Environ. Emerg.: Manage., Prev., Cleanup, Control, (Pap. Natl. Conf. Exhib.), 405-8, 1984.
- B. Bohnen. "PCB Spill Cleanup from Nonearthen Surfaces", EPRI Seminar, San Diego, California, October 3, 1989.
- J. Woodyard and E. Zoratto. "State-of-the-Art Technology for PCB Decontamination of Concrete", Institute of Electrical and Electronics Engineers Conference on PCBs and Replacement Fluids (Motech '86), Montreal, Quebec, October 1, 1986.
- © USEPA, Project Summary, Guide for Decontaminating Buildings, Structures, and Equipment at Superfund Sites, EPA/600/S2-85/028, June 1985.
- Appendix 1. PCB Spill Extraction Efficiency: Documented cleanup cases using initial concentration vs. final concentration, and evaluating extraction efficiency. The majority of the data agrees with laboratory results of greater than 90 percent extraction efficiency. Lower values were cases where solvents and detergents were used prior to CAPSUR®.
- Application Cycles: Concentration versus cycles suggested a pattern for the required cycles to successfully complete a cleanup.

 Concentrations less than 200 mg/100 cm² required one cycle, between 200-800 two cycles, 800-1800 three cycles. This is a linear function and fits extraction theory predicted in the laboratory.
- Appendix 3. Concentration Versus Cycles: Graph of initial concentrations in the documented cleanups versus the applications of CAPSUR® necessary to successfully complete a cleanup.
- Appendix 4. Final Cleanup Concentrations: Documentation from actual cleanups showing in the majority of cases that it was possible to meet the guidelines of 10 mg/100 cm² or less. Encapsulation requirements were met in the remaining cleanups.
- Appendix 5. <u>Performance of PCB ELISA format.</u>

APPENDIX 1

PCB SPILL EXTRACTION EFFICIENCY



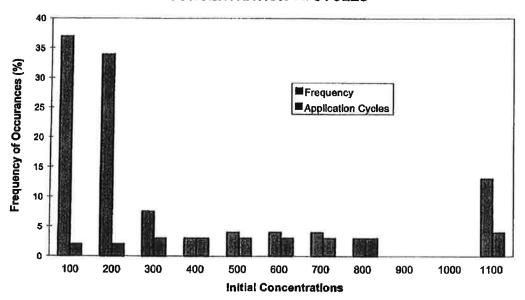
APPENDIX 2

APPLICATION CYCLES 4 31 0 0-200 200-800 800-1800 1800-3000 Initial Concentration (ug/100cm2)

APPENDIX 3

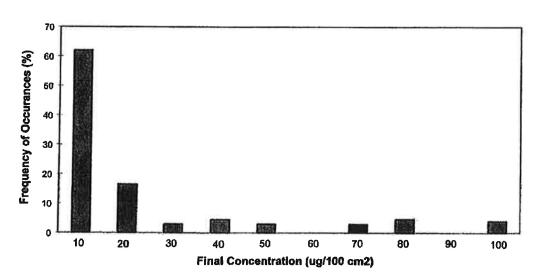
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CONCENTRATION vs. CYCLES



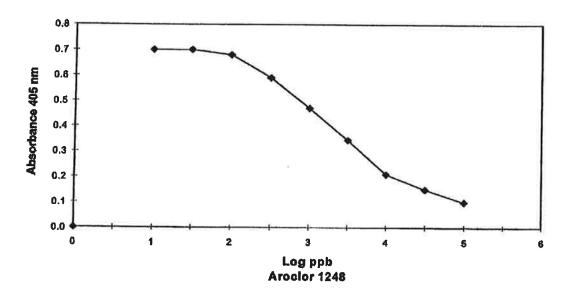
APPENDIX 4

FINAL CLEANUP CONCENTRATIONS



APPENDIX 5

PCB ELISA



APPENDIX D

PCB Remediation Area -

Waste Profiles

Hazardous Waste Manifests

Non-Hazarodous PCB Containing Solid Waste Manifests



1550 Balmer Road Model City, NY 14107 (716) 286-1550 (716) 286-0211 Fax

KAPLAN SCRAP YARD ATTN: ENVIRONMENTAL COMPLIANCE DEPT. NYR000177642 104 EAST WOODLAWN AVE ELMIRA NY 14901-1456



CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from KAPLAN SCRAP YARD on 07/26/11 as described on Shipping Document number 007055986JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY299306 CWM Tracking ID: 8164620601

CWM Unit #: 1*0 Disposal Date: 07/26/11

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR DISTRICT MANAGER Certificate # 347281

07/28/11

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1550 Balmer Road Model City, NY 14107 (716) 286-1550 (716) 286-0211 Fax

KAPLAN SCRAP YARD ATTN: ENVIRONMENTAL COMPLIANCE DEPT. NYR000177642 P.O. Box 515 ELMIRA NY 14902

CERTIFICATE OF DISPOSAL ______

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from KAPLAN SCRAP YARD on 08/17/11 as described on Shipping Document number 007055989JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY299306 CWM Tracking ID: 8164665301

CWM Unit #: 1*0 Disposal Date: 08/17/11

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR DISTRICT MANAGER Certificate # 347777

08/18/11

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	Designated Facility Owner of	r Operator;	Certific	ation of	receipt of	hazardou	ıs mate	rials cove	ered by the man	ifest except	as noted in Iter	n 18a	n	.1	Mor	nth Day	y Year
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1550 Balmer Road Model City, NY 14107 (716) 286-1550 (716) 286-0211 Fax

KAPLAN SCRAP YARD ATTN: ENVIRONMENTAL COMPLIANCE DEPT. NYRO00177642 P.O. Box 515 ELMIRA NY 14902

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from KAPLAN SCRAP YARD on 07/27/11 as described on Shipping Document number 007055990JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY299306 CWM Tracking ID: 8164623101

CWM Unit #: 1*0
Disposal Date: 07/27/11

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR DISTRICT MANAGER Certificate # 347302

07/28/11

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1550 Balmer Road Model City, NY 14107 (716) 286-1550 (716) 286-0211 Fax

KAPLAN SCRAP YARD ATTN: ENVIRONMENTAL COMPLIANCE DEPT. NYR000177642

P.O. Box 515 ELMIRA NY 14902

CERTIFICATE OF DISPOSAL ______

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from KAPLAN SCRAP YARD on 07/26/11 as described on Shipping Document number 007055991JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY299306 CWM Tracking ID: 8164620501

CWM Unit #: 1*0

Disposal Date: 07/26/11

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR DISTRICT MANAGER Certificate # 347280

07/28/11

Plea	se pri	nt or type. (Form desig	ned for use on elite (12-pit	ch) typewriter.))MB No. 2050-00
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Ш		ELMIRA NY 143	302	. とのサレヴェウ	2234	ELMIRA I	4Y 1490	1-1456			
Ш	Gene	rator's Phone:		(607) 733	- 9031				-		
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Н		1550 BALN						NY	D 0 4	1 9 8 3	6 6 7 9
Ш		MODEL CI	TY NY 14107					ř			
Ш	Facilit	ty's Phone:		(716) 28	6-1560						
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	18. Di	iscrepancy									
Ш	18a F	Discrepancy Indication Spa	ace 🗀	Π.		Residue		Partial Reje	ootlon	Γ	Full Rejection
Ш	104. L	Sistiopation inclosurem ope	Quantity	Туре		Residue		raitiai Reji	BGUON	_	un respection
Ш						Manifest Deference	Mumbar				
Ľ						Manifest Reference	Number,	U.S. EPA ID N	lumber		
ΙĘ	18b. A	Alternate Facility (or Gener	ator)					T. 7. 7. 1. 1. 1.	CONTROL .		
ᇙ								ř.			
₹	Facilit	ly's Phone:									
읎		Signature of Alternate Facil	fity (or Generator)							Mon	th Day Ye
ΙĒ											£-
DESIGNATED FACILITY	10.11	azardana Masta Dane + 11	angament Malhad Cades # s	., codes for hazardous waste trea	atment disposal a	nd recycling systems)					
S	19. H	azardous vvaste Report M		ייי החתפט והו נושקעותההם אמפור וופני	3.	tolioning of months		4.			
5	1.0	H132	2.		J.			3.1			
ы											
Ш	20. De	esignated Facility Owner o	r Operator: Certification of rec	eipt of hazardous materials cover	red by the manifes	t except as noted in Item	18a /				Day: M
Ш	Printe	d/Typed Name	1/	11	Signa	tyte day	1/2	bes		Mon	Day Yes
Ш		11-1 11	N HOOL	1/5/6	1//	Q FITTLE	5640 \$	100		0%	NP V

LDR NOTIFICATION OR CERTIFICATION FORM For New York Regulated PCB Waste

This form is required for wastes containing 50 ppm PCB or greater. The profiled waste on the manifest number indicated below is listed hazardous waste ("B-coded") in NY. Note: 50-500 ppm PCB drained articles and small capacitors (as defined in 40CFR761.3) are not regulated by NY State. Please complete items 1.-8, and send with the first shipment of waste/profile.

1.) Ge	nerator Name Kaplan Scs	ap Yard
	\mathscr{C}	JKK 3.) CWM Profile# 1/4299306
4.) Ple	ease check all boxes that apply.	,
NY Waste Code		tity/Type of PCB Waste
8001	1 Concentrated PCB Oil	
B002	☐ Oil/liquid 50-499 ppm PCBs	
B003	l Oil/liquid 500 ppm or greater PCBs	
B004	Manufactured PCB Articles 50-499 ppm:	I transformers □ motors □ switches □ cable □ pump □ pipe □ large capacitors □ bushings □ other (capacity)
13005	Manufactured PCB Articles (other than transformers) 500 ppm or greater:	other (specify): motors \(\text{I switches } \) cable \(\text{I pumps } \) pipe I large capacitors \(\text{bushings} \) I other (specify):
13006	1. PCB Trains formers 500 ppm or greater	
13007	•	Soil sludge clothing rags wood Of other (specify): OOF Plastic
M	meets all applicable treatment standards set forth in 6 N' Waste does not include solidified 1002 material (liquid li certify under penulty of law that I personally have examithrough knowledge of the waste to support this certification NYCR Part 376, section 376.4, and all applicable probi	s restricted under 6 NY.CRR Part 376. I have determined that this waste YCRR 376 and, therefore, it can be landfilled without further treatment with PCBs 50-500ppm). If the same familiar with the waste through analysis and testing or on that the waste complies with the treatment standards specified in 6 bitions set fort in 376.3(b) of part 376 or RCRA section 3004(d). I believe applete. I am aware that there are significant penalties for submitting a false
NOTIFI	CATION – WASTE <u>DOES NOT</u> MEET LAND	DISPOSAL TREATMENT STANDARDS
:	un fimiliar with the weste through analysis and testing o	Part 376 as identified above. I notify that I personally have examined and rubrough knowledge of the waste to support this notification that the ified in 6 NYCRR Part 376.4 (f). This waste must be treated to the to land disposal.
6.) Sign	ature /hho / mil	
7.) Title	Prosull	8.) Date



Dear Valued Customer,

CWM Chemical Services is pleased to provide you with manifest(s) prepared for your waste shipment into our Model City Facility. The manifest(s) are prepared as an added service, and are based solely on information provided to CWM from the customer. As the generator or authorized agent, you are ultimately responsible for the document's accuracy and completion.

* * Please review all manifest information for Items 1-15 carefully * *

If the information does not represent the material being offered for shipment or omissions or errors are found, please correct and notify your Customer Service Representative prior to shipment.

In addition, please complete the following checked item(s) prior to shipment:

	b d d d d d d d d d d d d d d d d d d d
**	Refer to the back of the manifest for proper codes and additional instructions**
M	Items 6 / 7 Transporter Company Name and EPA ID #
· 🗹	Item 10: Number and Type of containers being shipped
M	Item 11 and 12: Total Quantity and Units → Weight or volume Notes: 1) For bulk loads only: denote in Section 14 if quantity is estimated. 2) USEPA requires units for PCB waste to be listed in K (kilograms).
M	Item 15: Generator Certification → Generator name, signature and date. Note: the generator date is the date the material is offered for shipment.
	Land Disposal Restriction (LDR) and Notification / Certification Forms(s) → Form must be received prior to or with shipment to avoid delays.
Ø	Other: PCB out of service dete
and no	rtant - PCB Generators: USEPA requires additional information for manifesting bulk n-bulk PCB wastes. Please refer to the appropriate manifesting regulations found in 40 art 761.207.

If you have any questions or need additional assistance, please contact your Technical Service Representative.

Thank You!



WASTE MANAGEMENT OF NY High Acres Landfill 425 Perinton Pkwy Falrport, NY 14450-9104 NOV- HARARDOUS

Customer: Account Number: Invoice Date:

Invoice Number: Due Date:

WM ezPay Account ID:

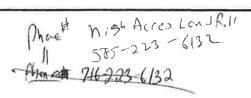
Page 3 of 3 KAPLAN SCRAP YARD

APLAN SCRAP YARD 300-0005907-2277-3

08/01/2011 0048369-2277-5

Due Upon Receipt 00009-76622-13007

Date	Ticket	n: 300-5907 Kaplan Scrap Yard (102387ny):	Quantity	U/M	Rate	A THE REAL PROPERTY.
	Cours Was a	3 Veh#:110	Quantity	UNI	Rate	Amount
V.,,_,,,	011000	Special waste misc	34.67	TON	59.15	2.050.73
		Profile # 102387ny	34.07	1014	J9. 15	2,050.73
		Generator kaplan scrap yard				
		Manifest# 00006245				
07/27/11	841889	Veh#.308				
		Special waste misc	35.41	TON	59.15	2,094.50
		Profile # 102387ny			55.15	2,0000
		Generator kaplan scrap yard				
		Manifest# 6242				
07 <i>1</i> 27/11	841891	Veh#:327				
		Special waste misc	35.08	TON	59.15	2,074.98
	-	Profile # 102387ny				****
		Generator kaplan scrap yard				
		Manifest# 6241				
) <i>//2//</i> 11	841893	Veh#:211				
		Special waste misc	37.27	TON	59.15	2,204.52
		Profile # 102387ny				
		Generator kaplan scrap yard				
77/27/44	041006	Manifest# 00006243 Veh#:106				
)//2//11	04 1090		22.27	TON	50.45	0.000.44
		Special waste misc	33.87	TON	59.15	2,003.41
		Profile # 102387ny Generator kaplan scrap yard				
		Manifest# 0006244				
17/26/11	841898	Veh#:211				
31720711	011000	Special waste misc	37.15	TON	59.15	2,197.42
		Profile # 102387ny	07.10	1014	09.10	2,137.42
		Generator kaplan scrap yard				
		Manifest# 0006240				
7/26/11	841899	Veh#:83				
		Special waste misc	37.75	TON	59.15	2,232.91
		Profile # 102387ny				_,
		Generator kaplan scrap yard				
		Manifest# 0006236				
7/26/11	841900	Veh#:110				
		Special waste misc	35.74	TON	59.15	2,114.02
_		Profile # 102387ny		3"		
		Generator kaplan scrap yard				
7/00/44	0.44000	Manifest# 00006238				
7//26/11	841902	Veh#:106	54.45	T011	50.45	
		Special waste misc	34.45	TON	59.15	2,037.72
		Profile # 102387ny Generator kaplan scrap yard				
		Manifest# 00006237				
7/26/11	841903					
1120111		Special waste misc	33.41	TON	50.4E	1 076 00
		Profile # 102387ny	JJ. 4 I	ION	59.15	1,976.20
		Generator kanlan seran yard				
		Generator kaplan scrap yard Manifest# 0006239				



Prode ty

		ned for use on elite (12-pitch) typewriter. 1. Generator ID Number					Form	Approved, OMB No. 20
l w	ASTE MANIFEST		Z. Page 1 of	3. Emergency Respons	1 50	100	Tracking Nur	JJI
5, G	enerator's Name and Mailing	Address		Generator's Site Address	(if different	than mailing addre	ss)	
1	Series No.	:		a mediena				
П							•	
Gone	erator's Phone:		2 x 18 xx - 1	201 76 11 10 1	60 m			
6. Tre	ansporter 1 Company Name					U.S. EPAID	Number	
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7 Te	ansporter 2 Company Name	17 18 1						
''''	anaportor 2 company Rond					U.S. EPA ID I	Number	
6. De	signated Facility Name and	Site Address				U.S. EPA 10 1	Number	
	l man	AND THE ST				35 V	s. 1 9)	3.90
Facilit	ly's Phone;		THE REPORT OF THE PARTY OF THE					
9a.	9b. U.S. DOT Description	(Including Proper Shipping Name, Hazard Cla	ise. ID Number.	10. Contak	NACE.	11. Total	42 1146	
НМ	and Packing Group (if any	Y))		No.	Тура	Quantity	12. Unit WL/Vol.	13, Waste Codes
1	2.	organism states	· · · · · · · · · · · · · · · · · ·	ji i	BK F	ga v)ti	
180	-	72900165						·
	3. VARA AE 941	TRUCK 14 (NY)	+308					
	4.							
15. G m	ENERATOR'S/OFFEROR'S arked and labeled/placarded	S CERTIFICATION: I hereby declare that the 1, and are in all respects in proper condition for tents of this consignment conform to the terms	contents of this consignment are in transport according to applica	ble international and natio	nal governm	ental regulations. I	oping name, ar if export shipm	of are classified, packaged ent and I am the Primary
10	certify that the waste minimiz	tation statement identified in 40 CFR 262.27(a) (if I am a large quantity gener	ator) or (b) (if I em a small	quantity ger	nerator) is true.		
Genera	itor's/Offeror's Printed/Typed	Namo	Signa	luro				Month Day
16, Inte	mational Shipments							
000000000000000000000000000000000000000	200000000000000000000000000000000000000	Import to U.S.	Export from U.S	Port of entry				
	orter signature (for exports o			Date leaving	U.S.:			
	rsporter Acknowledgment of							
Transpo	orter 1 Printed/Typed Name		Signa	ture				Month Day
								- H I
Transpo	orter 2 Printed/Typed Nama		Signa	ture				Month Day
			1					1 1 1
18. Disc	терапсу							
	crepancy Indication Space	Quantity	Туре	Residue		Partial Rejec	tion	Full Rejection
				Manifest Reference N	himbur	•		
18b. Alle	emate Facility (or Generalor)			And the lore in the	u-meut.	U.S. EPA ID Nu	mber	
	and the second s							
Caellada	Dhanas					4		
	Phone: nature of Alternate Facility (o	or Generator)		<u></u>				Month Day
19. Haza	rdous Waste Report Massa	ement Method Codes (i.e., codes for hazardo	us wasta imalaani dhaarii -	nd sometime contents				
13. maza 1,	navad ridate ricipat meneg	2 codes for nazardo		iu recycling systems)				
1,	(1) m	4.	3.			4.		
0. Desin	nated Facility Owner or On	erator. Certification of receipt of hazardous ma	starials covered by the market	event on neted in the - 4	Po.			
rinted/T	yped Name	Solument of Idealph of Hazardone (Ik			Dal			TOTAL BOOM
- manyor I	The comme		Signat	au .				Month Day Y
AY	00-22 (Rev. 3-05) Pravi	ous editions are obsolete.			- 75		S: 40	

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TRUCK # 2

W/	ORM HAZARDOUS - 1 ASTE MANIFEST	<u> </u>	41.569		end, train	ED 750	4. Manifest	i	inimat	J	JK
	nerator's Name and Mailing	Address	8 4 4		1 1 1	***	then mailing addre	1700			
6. Tran	ator's Phone: asporter 1 Company Name						U.S. EPA ID	Number			
	nsporter 2 Company Name						U.S. EPAID I	Number			
	ignated Facility Name and	São Address	7331 7 20 1	III			U.S. EPAID	1557155,6711	73 5 SI	9 1	1
9a. HM			Name, Hazard Class, ID Number,		10. Contain	ers Type	11. Total Quantity	12. Unit	13.	Waste Code	S
ē	Exercises	et c	the philippens of	e many Per a r		LOATE .	1 41	17	1.000		
	2. AD 652 plate		70,35-	14,			31924				
	í .										
14. Spe	ciel Handling Instructions a	nd Additional Information,	en in the second energy of the	16.	es e						
14. Spe	ENERATOR'S/OFFEROR'S arked and labeled/placarded porter, I certify that the conf	CERTIFICATION: I hereb d, and are in all respects in i ents of this consignment co action elatement identified in	y declare that the contents of this proper condition for transport acc inform to the terms of the attache in 40 CFR 262.27(a) (ff I am a farg	consignment are fully an ording to applicable Intern d EPA Acknowledoment o	d accurately described allonal and national and national and national accurate.	cribed above nel governm	ental regulations.	pping name	e, and are classipment and I a	m the Prima	ry
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TRuck #3

TO THE PARTY OF TH	or ID Number					Tracking N	Approved. C		JK
5. Generator's Name and Malling Address		Genera			han mailing addre				
Generator's Phone: 6. Transporter 1 Company Name	+ 1000	ter aneg			U.S. EPAID	Number			
7. Transporter 2 Company Name					U.S. EPAID I	Number	5 _ 36		
B Designated Continues and Discount of the Address					SCHOOL SERVICE AND ADDRESS OF THE PARTY OF T	19941992500			
8. Designated Facility Name and Site Addres	e constant	ā.			U.S. EPA ID I		5 1 3	3. %	w i
Facility's Phone: ga. 9b. U.S. DOT Description (including and Packing Group (if any))	Proper Shipping Name, Hazard Class, ID Number	555	10. Contai	ners Type	11. Total Quantity	12. Unit WL/Vol.	13. Wa	sle Code	3
1.	THE RESERVED TO			-	32423	W.			
2.	71 479								-
3.								i	
4.							-	-	-
14. Special Handling Instructions and Addition	nal Information	391		10	-	J	alian saw		
15. GENERATOR'S/OFFEROR'S CERTIFIC market and labeled/placarded, and and	CATION: I hereby declare that the contents of in all respects in proper condition for transport a	according to applicable inter	national and natio	cribed above	by the proper ship ental regulations, I	oping name, I export ship	and are classific ment and I am t	id, packe he Primai	-
Exporter, I cartify that the contants of this	s consignment conform to the tenns of the attac ement identified in 40 CFR 262.27(a) (if I am a l	large quantity generator) or Signature	of Consent. (b) (if I am a smal	quantity ger	erator) is true.		Month	Day	y
Exporter, I certify that the contents of this I certify that the waste minimization state Generator's/Offeror's Printed/Typed Name	s consignment conform to the terms of the attac ement Identified in 40 CFR 262.27(a) (if I am a l	large quantity generator) or Signature	(b) (if I am a smai		erator) is true.		Month	Day	y
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7RUCK #4 2 Page 1 of 3. Emergency Response Phone Please print or type. (Form designed for use on elife (12-pitch) typewriter.) 4. Waste Trackling Number WMNH 00006236 1. Generator ID Number NON-HAZARDOUS WASTE MANIFEST NYR000177642 1 8001424-9300 5 Generator's Name and Mailing Address KAPLAN SCRAP YARD Generator's Site Address (If different than mailing address) 104 EAST WOODLAWN AVE ELMIRA NY 14901-1456 1 607) 733-6531 Generator's Phone U.S. FPA ID Number 6. Transporter 1 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address U.S EPA ID Number WM of NEW YORK at HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT NY 14480 (586) 223-6132 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, iD Number, 11. Total 12 Unii 9а and Packing Group (if any)) Туре Quantity WI Noi No. HAT NON REGULATED MATERIAL GENERATOR 15660 161 13 Special Handling Instructions and Auktitional Information 1. 102387NY - NON HAZARDOUS SOIL ER SERVICE CONTRACTED BY WASTE MANAGEMENT WEIGHT IN SECTION 11 IS ESTIMATED 14. GENERATOR'S CERTIFICATION: 1 hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. Year Generator's/Offeror's Printed/Typed Name 14 16 111 15' International Shipments J.LN Export from U.S Port of entry/exit Date eaving U.S. Transporter signature (for exports only). TRANSPORTER 16. Transporter Acknowledgment of Receipt of Materials Month Day Year Transporter 1 Printed/Typed Name Signature 1. F.F Mobile Year Transporter 2 Printed/Typed Name Signaliira Туре 17a Discrepancy Indication Space Full Rejection Quantity Residue Partial Rejection Manifest Reference Number U.S. FPA ID Number DESIGNATED FACILITY 17b, Alternate Facility (or Generator) Month Year Day 17c. Separate of Attemate Escalty (or Generator) 8 Designated Facility Owner or Operator Certification of receipt of materials covered by the manifest except as noted in Item 17a Mooth Day Printed/Typed Name Signature

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Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 4. Waste Tracking Number WMNH 00006242 1. Generator ID Number 2. Page 1 of | 3. Emergency Response Phone NON-HAZARDOUS NYR000117642 WASTE MANIFEST (800)424-9300 Generator's Name and Mailing Address
KAPLAN SCRAP YARD Generator's Site Address (if different than mailing address) 104 EAST WOODLAWN AVE ELMIRA NY 14901-1466 (607) 733-6531 Generator's Phone: U.S. EPA ID Number 6 Transporter I Company Name 1401 1 A A L U.S. EPA IO Number 7 Transporter 2 Company Name 8 Designated Facility Name and Site Address U.S. EPA ID Number WM of NEW YORK & HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT NY 14460 (586) 223-6132 10. Containers 9b. U.S. DOT Description (including Proper Snipping Name, Hazard Class, ID Number, 11. Total 12 Unit and Packing Group (if any)) Wt Not Quantity HM No. Туре NON REGULATED MATERIAL GENERATOR 10 B 102387 NY 13. Special Handling Instructions and Additional Information 1. 102367NY - NON HAZARDOUS SOIL WEIGHT IN SECTION 11 IS ESTIMATED ER SERVICE CONTRACTED BY WASTE MANAGEMENT 14. GENERATOR'S CERTIFICATION: 'I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and laceled/placarded, and are in all respects in proper condition for transport according to applicable informational and national governmental regulations. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. Day Signature Generalor's Offerer's Printed/Typed Name 15. International Shipments NT Export from U.S. Port of entry/exit: Import to U.S. Date leaving U.S. Transporter signature (for exports unly): **TRANSPORTER** 16. Transporter Acknowledgment of Receipt of Malerials Transporter 1 Printed/Typed Name Transporter 2 Printed/Typed Name 17 Discrepancy Птуре Partial Rejection 17a Discrepancy Indication Space Full Rejection Quantity Residije Manifest Reference Number: U.S. EPA ID Number DESIGNATED FACILITY 17b Alternate Facility (or Generator) Faculy's Phone: 17¢ Signature of Alternate Facility (or Generator) Month Day Year 18 Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a Printed Typed Name Day

NON-HAZARDOUS WASTE MANIFEST	I. Generator ID Number	0011			800)424-	9300	MMI	VH ()	00062	43
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Subject: Profile 102387NY has been approved on WMSolutions.com

From: TSCNewYork@wm.com

Date: Thu, 21 Jul 2011 11:33:54 -0600

To: fbarres@erengpc.com

Waste Management, Inc. Think Green.

JULY 21, 2011

RE: Notice of Profile Approval: #102387NY

Profile Number:

102387NY

Waste Stream:

non haz soil

Generator Name: Kaplans scrap yard

Disposal Site:

High Acres Landfill

Expiration Date:

01/01/2012

Dear Francis Barres,

Waste Management of New York is pleased to inform you that profile 102387NY for non haz soil from Kaplans scrap yard has been approved by your New York Technical Service Center. Waste Approval Terms and Conditions are either found on the Profile or on the Approval Form. Both documents are available as a PDF in the Approved Tab in your WMSolutions.com account.

Please contact your Technical Service Center if you have any questions. We can be reached at 800-963-4776.

Profile Comments:

Thank you for your business. Waste Management, Inc.

New York 1550 Balmer Road Model City, NY 14107 716-286-1550

You are receiving this message as a registered customer of WMSolutions.com.

Waste Management respects your privacy. To review our Privacy Policy, click here .

TSCNewYork@wm.com

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Gonerator's Non				
Requested Disposal Pacifity: Gluin 1677		Mendila Mumbar		
Renewal for Profile Number:		Waste Approval B	eniration Dates	1-1-12
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A. Wasto Congrator Facility Information (mus	troffest local	lon of waste g	oneration/orig	(in)
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8. Sito Address: 107 E'457 LODO CAUN AVE	7. Email Add	tone: Whi I	WILL E veri	zow_ tue li
3. Chy/21P: ELMIRA 14901		07) 737053		
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d Strong Odor? Yes PNo Describes e Physical State at 70°P: PSolid Liquid Pow f. Layers? PSingle layer Multi-layor NA g. Water Kaacitva? Yes PNo If Yes, Describe: h. Pree Liquid Kange (%):	eolid) □ ≥ 200°F - (o.g. Soil 0-80%, Lower 4	ZP МЛ(soud) Wood 0-20%): Unit of Massura	See Allsohed	Unit of Mossure
d. Strong Odor? Yes No Describe; e. Physical State at 70°F:	eolid) □ ≥ 200°F - (o.g. Soil 0-80%, Lower Ange	ZP МЛ(soud) Wood 0-20%): Unit of Massura	See Allsohed	Unit of Mossure
d Strong Odor? Yea Po No Describe: e. Physical State at 70°F: Psolid Liquid Pow f. Layers? Psingle layer Multi-layer NA g. Water Reactive? Yea Po No H Yea, Describe: h. Free Liquid Range (%):	eolid) □ ≥ 200°P - (o.g. Soil 0-80%, Lower Ange	Wood 0-20%): Unit of Massura It is Ikle	(See Altached lippur lange (SD)	Unit of Nonsura
d. Strong Odor? Yea P. No. Describes: e. Physical State at 70°F: Psolid Liquid Pow f. Layers? Psingle layer Multi-layer NA g. Water Reactive? Yea Pow If Yea, Describes: h. Free Liquid Range (%):	eolid) □ ≥ 200°P - (o.g. Soil 0-80%, Lower Ange	Wood 0-20%): Unit of Massura It is Ikle	(See Altached lippur lange (SD)	Unit of Nonsura
d Strong Odor? Yes No Describe; e. Physical State at 70°P; Psolid Liquid Pow f. Layers? Single layer Multi-layer NA g. Water Reactive? Yes NO If Yes, Describe; h. Free Liquid Range (%);	rder □ Semi-So solid) □ ≥ 200°F - (o.g. Soil 0-80%, Lower Range □ O	Wood 0-20%): United Messure R IN H. J. K. L.	See Allached lipper kenge (52 SE	Unit of Mossure
d Strong Odor? Yes No Describe; e. Physical State at 70°P; Psolid Liquid Pow f. Layers? Single layer Multi-layer NA g. Water Reactive? Yes NO If Yes, Describe; h. Free Liquid Range (%);	solid) 200°F	Wood 0-20%): Unit of Massure Little [k.k.]	U (See Altached lipper lange (22 36 Other (specify)	Unit of Nonsura
d. Strong Odor? Yea P. No. Describe: e. Physical State at 70°F: Psolid Liquid Pow f. Layers? Psingle layer Multi-layer NA g. Water Reactive? Yea PNo. If Yea, Describe: h. Free Liquid Range (%):	solid) 200°F	Wood 0-20%): Unit of Massure Little [k.k.]	U (See Altached lipper lange (22 36 Other (specify)	Unit of Mossure

Ganutator's Non-hazardous Wasto Profile Shoet

WAVE PRACTURE	-			_		
D. Regulatory Status (Please chook appropriate responses)	-			_	-	
Waste Identification: Dose the waste meet the definition of a USEPA listed or characteristic hazardous waste us defined by i, if yes, please complete a hazardous waste profile.	40 CI	R Po	rt 2017	a	Yaa	&PNn
b. Does the waste meet the definition of a state hazardous worde other than identified in D. i.e? 1. If yes, please complete a lizzardous waste profile.						Æ⊅No
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting	i qoe	mer	lation.		Yes	E No
☐ Detisted Hazardone Waste ☐ Excluded Wastes Under 10CFR 281.4						
🔲 'Treated Hazardous Waste Debris 🔲 Treated Characteristic Hazardous Waste						
3. Is the waste from a factoral (40 CFR 300, Appendix B) or slate mandated clean-up? If yes, see instructions.					Yes	ои
4. Does the wante represented by this waste profile these contain radioactive material?				Ü	Yes	D No
a. If yes, is disposal regulated by the Nuclear Regulatory Commission?			IJ No			
b. If yes, is disposal regulated by a State Agency for radioactive waste/NORM?	C) Y	66	□ No			
Does the waste represented by this waste profile sheet contain Polyutilorinated Biphonyls (PCBs)? (If yes, list in Chemical Composition - C.I.I) NYSOEC SIFE NUMBER HUBOSOFT	. ب			<i>[</i> 20	Yes	□ No
a. If you, are the PCBs regulated by 40 CFR 7817 CONSENT OFFEE 469-0727-06-08	Y 25C	65 I	T No			
 b. If yes, is it remediation waste from a project being performed under the Self-Implementing option p. 4D CFR 781,81(a)? 	A JEL	en i) No			
c. If yes, were the PCBs imported into the US?	- •		ANO.			
B. Does the waste contain untrested, regulated medical or infectious waste?		,		a	Yma	Ø No
						D No
7. Does the waste dentals sebestos?			. O			•
a. If You,	-					314
8. Is this profile for remediation woste from a facility that is a major source of Hazardous Air Politicants (Sit	6 Κοπ	iaain	non Mi			Вио
40 CFR 03 subpart CGCCCO)? a. If yos, does the waste contain <600 ppmw YOHAPs at the point of determination?	n v	an I	OM C	4	TOM)OF 170
THE PART OF THE PA			_,,,,			
L. Conerator Cartifoation (Please road and cartify by signature below)						
By signing this Generator's Waste Profile Sheet, I hereby certify that all:						
1. Information submitted in this profile and all attached documents contain true and accurate descriptions	of the	WEE	te mate	erial	i	
 Relovant information within the possession of the Cenerator regarding known or suspected hazards per disclosed to WM/the Contractor; 		-				66 U
3. Analytical data attached pertuining to the profiled waste was derived from testing a representative sum	pie in	BOCC	i i franci	inv e	h	
40 CFR 281.20(c) or equivalent rules; and						
 Changes that occur in the cliaracter of the waste (i.e. changes in the process or now analytical) will be it and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the contractor). 						
8. Chock all that apply:						2
Attached analytical partnins to the waste, identify laboratory & sample ID #'s and parameters to # Pagest	ited:					
 b. Only the analysis identified on the attachment pertain to the waste (identify by laboratory & semi lessed). Attachment #: 	pla ID	#'s	and po	ram	atera	
O c. Additional information necessary to characterize the profiled waste has been attached (other the indicate the number of attached pages;	и ала	lytfo	al, auol	AA !	MSDE	ŋ.
representative of suspenses buller.						
· · · · · · · · · · · · · · · · · · ·	Janer	ator	for this	stga	netur	•
C) d. lam an agent signing on behalf of the Generator, and the delegation of authority to me from the travallable upon request.	Janer	ator	for this	stga	nelur	•
Cl d. lam an agent signing on behalf of the Generator, and the delegation of authority to me from the desawallable upon request.						
C) d. I am an agent signing on behalf of the Generator, and the delegation of authority to me from the disavailable upon request.						
 d. I am an agent signing on behalf of the Generator, and the delegation of authority to me from the travallable upon request. 						



NON-HAZARDOUS WAM APPROVAL FORM

Requested Management Facility High Acres Landfill	
Profile Number 102387NY	Waste Approval Expiration Date 01/01/2012
APPROVA	L DETAILS
Approval Decision 🗹 Approved 🖂 Not Approved	Profile Renewal 🔲 Yes 🗹 No
Management Method: Direct Landfill	y
Generator Name: Kaplans scrap yard	
Management Facility Precautions, Special Handling Proce - Shall not contain free liquid - Shipment must be scheduled into disposal facility - Approval Number must accompany each shipment - Waste Manifest must accompany load - Shall not pose a dust nuisance - Shall not pose a door nuisance - Analysis provided shall be representative of all materia - Shall comply with applicable DOT and OSHA labeling.	dures or Limitation on approval: al shipped under this non-hazardous waste profile
WM Authorization Name: <u>Andrew Argona</u>	
WM Authorization Signature: O.d. T. Physica.	Date: 07/21/2011
Agency Authorization (if Required):	Date:

High A	Acres Landi	TI I			
Customer Informa		45		PROPILE	102397NY
	ellon	Jab Sits Contac	ict Information		e Location nemion
om Ave		Kepita Barap Yard 104 East Woodleam Ava		Kapian Strep Yord 104 Spot Woodlawn Ave	
67 10 13-4631 73-4632	(not	, ,		Elmira Nicholas Allenick Phone	NY 14808
				, Rose mengana	
		Will Customer Service Financ; Seles Rep ID	(718) 288-0385 2442	WM Contact Fax:	(718) 286-0211
		BERVIOEIN	HORMATION		
		nos haz soll	400 Ten	Direct Luncilli	Non Haz
	7			-	- Wichail age
•	Inche	ded	Current rate at	filme of quote is	
	inchul	ied	Applied to Invi	cice Yolei	
	On Dispos	included for	Or	n Transportation Included	
	Included	per Ton with	26 Ton Minimum	Per Land Applied to	
	345.00		iour Free Loading		
Expiration	08/12/13				
ION DATE					
TECHNICAL BEI	Unposed of at UNVICE CENTE as must be call	High Acres Landilli ER 800-843-360 sled into the receiving facility's Sc	04 cetehouse 24 hours grior	r to shipping. ; marked on the pepervaric	
7: 10	Expiration ON DATE Waste will be did TECHNICAL RET AR profile wester AR loads must be	Linds Davids Sus Rossi SS9.18 SS9.18 SS9.18 Include Included Incl	Phone [807] 773-653 Phone [807] 773-653 Phone [807] 773-653 Phone [807] 773-653 Linds Davids Will Oustomer Service Fitoms; Sug Rosal Relation R	Place	Nicholae Miestek Phone 1807) 773-4631 Phone 1807) 773-4631 Phone 1807) 773-4631 Phone 1807) 773-4631 Linds Davide WM Quatomer Service Fax (607) 773-4631 Linds Davide Phone Fax (607) 773-4631 Linds Davide Phone Fax (607) 773-4631 Linds Davide Phone Fax (715) 288-0388 WM Centsot Fax: Sug Rosal Quies Rep ID 2442 BERVICE INFORMATION SS9.15 per Ton With S Ton Minimum Per Load Included Current raise at time of quote is Included Applied to Involce Yotal On Disposal Included Con Transportedors Included Included Included Con Transportedors Included Included Per Ton With 28 Ton Minimum Per Load Included Applied to Included Con Transportedors Included Included Per Ton With 28 Ton Minimum Per Load Suggestion D3/12/13 ON DATE Pricing is subject to an annual OP! Weste will be disposed of at High Acres Landfill Included wester must be called into the resolving facility's Sociatiouse 24 hours prior to shipping. An loads must have 4 per till et leding or marries? With approved profile number clearly marked on the paperwork. WELATED 6Y THIS EXHIBIT A IS TO DE DONE IN ACCORDANCE WITH THE TERMS AND CONDITIONS



Dear Valued Customer,

CWM Chemical Services is pleased to provide you with manifest(s) prepared for your waste shipment into our Model City Facility. The manifest(s) are prepared as an added service, and are based solely on information provided to CWM from the customer. As the generator or authorized agent, you are ultimately responsible for the document's accuracy and completion.

* * Please review all manifest information for Items 1-15 carefully * *

If the information does not represent the material being offered for shipment or omissions or errors are found, please correct and notify your Customer Service Representative prior to shipment.

In addition, please complete the following checked item(s) prior to shipment:

shipn
** Refer to the back of the manifest for proper codes and additional instructions **
Items 6 / 7 Transporter Company Name and EPA ID #
Item 10: Number and Type of containers being shipped
Item 11 and 12: Total Quantity and Units → Weight or volume Notes: I) For bulk loads only: denote in Section 14 if quantity is estimated. 2) USEPA requires units for PCB waste to be listed in K (kilograms).
Item 15: Generator Certification
Land Disposal Restriction (LDR) and Notification / Certification Forms(s) → Form must be received prior to or with shipment to avoid delays.
Other: PCB out of service deate
*Important - PCB Generators: USEPA requires additional information for manifesting bulk and non-bulk PCB wastes. Please refer to the appropriate manifesting regulations found in 40 CFR Part 761.207.

If you have any questions or need additional assistance, please contact your Technical Service Representative.

Thank You!

APPENDIX E

PCB Remediation Area – Closure Sample Results



Tuesday, August 09, 2011

Attn: Mr. Mark Ruhnke Eisenbach & Ruhnke Engineering, 291 Genesee Street Utica NY 13501

Project ID: KAPLANS SCRAP YARD Sample ID#s: BA58561 - BA58637

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301

CT Lab Registration #PH-0618

MA Lab Registration #MA-CT-007

ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003

NY Lab Registration #11301

PA Lab Registration #68-03530

RI Lab Registration #63

VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

SOIL

EISENBAC | 1

Collected by:

07/27/11 13:00

Location Code:

Received by: LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58561

Project ID:

KAPLANS SCRAP YARD

Client ID:

1

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/01/11		МН	SW 8082
PCB-1221	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/01/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	84		%	08/01/11		MH	30 - 150 %
% TCMX	83		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 09, 2011

Page 1 of 81



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

13:05

Location Code:

EISENBAC | 2

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58562

Project ID:

KAPLANS SCRAP YARD

Client ID:

2

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	88		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/01/11		МН	SW 8082
PCB-1221	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/01/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	60		%	08/01/11		MH	30 - 150 %
% TCMX	59		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Turnplke, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

Date

<u>Time</u>

Matrix: Location Code:

EISENBAC | 3

Collected by:

07/27/11

13:10

Rush Request:

Received by: Analyzed by: LB see "By" below

07/29/11

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58563

Project ID:

KAPLANS SCRAP YARD

Client ID:

3

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	86		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyl	<u>ls</u>						
PCB-1016	ND	190	ug/Kg	08/01/11		мн	SW 8082
PCB-1221	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/01/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	69		%	08/01/11		MH	30 - 150 %
% TCMX	65		%	08/01/11		MH	30 - 150 %
% TCMX	65		%	08/01/11		мн	

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

Date

Time

Matrix: **Location Code:**

EISENBAC | 4

Collected by:

LB

07/27/11

13:15

Rush Request:

Received by: Analyzed by: see "By" below 07/29/11

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58564

Project ID:

KAPLANS SCRAP YARD

Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	87		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	190	ug/Kg	08/01/11		мн	SW 8082
PCB-1232	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/01/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	87		%	08/01/11		MH	30 - 150 %
% TCMX	79		%	08/01/11		MH	30 - 150 %
70 PCIVIX	,,		,,,	00.07.11		14111	00 - 100

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

Date

Time

Matrix: **Location Code:**

EISENBAC | 5

Collected by: Received by:

LB

07/27/11 07/29/11 13:20 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

aboratory Data

SDG ID: GBA58561 Phoenix ID: BA58565

Project ID:

KAPLANS SCRAP YARD

Client ID:

5

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	89		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/01/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	78		%	08/01/11		MH	30 - 150 %
% TCMX	82		%	08/01/11		МН	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 5 of 81



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Fax (860) 645-0823 Tel. (860) 645-1102



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

13:25

Location Code:

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561 Phoenix ID: BA58566

Project ID:

KAPLANS SCRAP YARD

EISENBAC | 6

Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	89		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/01/11		МН	SW 8082
PCB-1221	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/01/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	73		%	08/01/11		MH	30 - 150 %
% TCMX	72		%	08/01/11		МН	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 6 of 81





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR: A

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

13:30

Location Code:

EISENBAC | 7

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58567

Project ID:

KAPLANS SCRAP YARD

Client ID:

7

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	87		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/01/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	84		%	08/01/11		MH	30 - 150 %
% TCMX	90		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

<u>Time</u> Date

Matrix:

SOIL

Collected by:

07/27/11

13:35

Location Code:

Received by:

Ш

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58568

Project ID:

KAPLANS SCRAP YARD

EISENBAC | 8

Client ID:

8

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	73		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			08/03/11		RB/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	230	ug/Kg	08/04/11		KCA	SW 8082
PCB-1221	ND	230	ug/Kg	08/04/11		KCA	SW 8082
PCB-1232	ND	230	ug/Kg	08/04/11		KCA	SW 8082
PCB-1242	ND	230	ug/Kg	08/04/11		KCA	SW 8082
PCB-1248	ND	230	ug/Kg	08/04/11		KCA	SW 8082
PCB-1254	ND	230	ug/Kg	08/04/11		KCA	SW 8082
PCB-1260	ND	230	ug/Kg	08/04/11		KCA	SW 8082
PCB-1262	ND	230	ug/Kg	08/04/11		KCA	SW 8082
PCB-1268	ND	230	ug/Kg	08/04/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	70		%	08/04/11		KCA	30 - 150 %
% TCMX	62		%	08/04/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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August 09, 2011

Page 8 of 81



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

COIL

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

13:40

Location Code:

EISENBAC | 9

Received by: LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

GDG ID. GBA3630

Phoenix ID: BA58569

Project ID:

KAPLANS SCRAP YARD

Client ID:

9

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	96		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	" ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	170	ug/Kg	08/01/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	81		%	08/01/11		MH	30 - 150 %
% TCMX	83		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Tumplke, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Matrix:

SOIL

Custody Information

<u>Date</u>

Time

Location Code:

EISENBAC | 10

Collected by: Received by:

LB

07/27/11

13:45

Rush Request:

Analyzed by:

see "By" below

07/29/11

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58570

Project ID:

KAPLANS SCRAP YARD

Client ID:

10

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	96		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	170	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	170	ug/Kg	08/01/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	95		%	08/01/11		MH	30 - 150 %
% TCMX	93		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

Date

Time

Matrix:

Collected by:

07/27/11

13:50

Location Code:

EISENBAC | 11

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

Phoenix ID: BA58571

Project ID:

KAPLANS SCRAP YARD

Client ID:

11

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	83		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/01/11		МН	SW 8082
PCB-1221	ND	200	ug/Kg	08/01/11		МН	SW 8082
PCB-1232	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	200	ug/Kg	08/01/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	40		%	08/01/11		MH	30 - 150 %
% TCMX	52		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR: A

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

<u>Date</u>

<u>Time</u>

Location Code:

EISENBAC | 12

Collected by: Received by:

LB

07/27/11 13

13:55 11:20

Rush Request:

Analyzed by:

see "By" below

07/29/11

. ..._0

P.O.#:

Matrix:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58572

Project ID:

KAPLANS SCRAP YARD

Client ID:

12

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	65		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	250	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	250	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	250	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	250	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	250	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	250	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	250	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	250	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	250	ug/Kg	08/01/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	34		%	08/01/11		MH	30 - 150 %
% TCMX	33		%	08/01/11		MH	30 - 150 %

Comments:

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Phyllis Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

Date

Time

Matrix:

EISENBAC | 13

Collected by:

LB

07/27/11

14:00

Location Code:

Received by: Analyzed by:

see "By" below

07/29/11

11:20

Rush Request: P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58573

Project ID:

KAPLANS SCRAP YARD

Client ID:

13

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	80		%	07/29/11		JL.	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	210	ug/Kg	08/01/11		МН	SW 8082
PCB-1242	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	210	ug/Kg	08/01/11		МН	SW 8082
PCB-1260	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	210	ug/Kg	08/01/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	46		%	08/01/11		MH	30 - 150 %
% TCMX	53		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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August 09, 2011

Page 13 of 81



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Matrix:

SOIL

Collected by:

Date 07/27/11 Time

Location Code:

EISENBAC | 14

Received by:

Custody Information

LB

07/29/11

14:05 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58574

Project ID:

KAPLANS SCRAP YARD

Client ID:

14

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	80		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	210	ug/Kg	08/01/11		МН	SW 8082
PCB-1260	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	210	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	210	ug/Kg	08/01/11		мн	SW 8082
OA/QC Surrogates							
% DCBP	56		%	08/01/11		MH	30 - 150 %
% TCMX	67		%	08/01/11		МН	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

Date

Time

Matrix:

Collected by:

07/27/11

14:10

Location Code:

EISENBAC | 15

Received by: LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58575

Project ID:

KAPLANS SCRAP YARD

Client ID:

15

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/01/11		МН	SW 8082
PCB-1221	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/01/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	76		%	08/01/11		MH	30 - 150 %
% TCMX	79		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

<u>Date</u>

Time

Matrix:

Collected by:

07/27/11

14:10

Location Code:

EISENBAC | 15

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58576

Project ID:

KAPLANS SCRAP YARD

Client ID:

15 DUPLICATE

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/01/11		МН	SW 8082
PCB-1221	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/01/11	11	MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/01/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	88		%	08/01/11		MH	30 - 150 %
% TCMX	90		%	08/01/11		MH	30 - 150 %

Project ID: KAPLANS SCRAP YARD

Client ID: 15 DUPLICATE

Phoenix I.D.: BA58576

Parameter Result RL Units Date Time By Reference

Comments:

DUPLICATE INCLUDED

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Matrix:

SOIL

Custody Information

Date

<u>Time</u>

Location Code:

EISENBAC | 16

Collected by: Received by:

LB

07/27/11 07/29/11 14:15 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58577

Project ID:

KAPLANS SCRAP YARD

Client ID:

16

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	1300	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/01/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	88		%	08/01/11		MH	30 - 150 %
% TCMX	88		%	08/01/11		МН	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 18 of 81





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Time

14:20

11:20

Analysis Report

August 09, 2011

Attn: Mr. Mark Ruhnke FOR:

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Matrix:

SOIL

11502

EISENBAC | 17

Location Code: Rush Request:

P.O.#:

Analyzed by:

Custody Information

Collected by: Received by:

LB

see "By" below

SDG ID: GBA58561 **Laboratory Data**

Phoenix ID: BA58578

Date

07/27/11

07/29/11

Project ID:

KAPLANS SCRAP YARD

Client ID:

17

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	85		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1221	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/01/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	51		%	08/01/11		MH	30 - 150 %
% TCMX	59		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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August 09, 2011

Page 19 of 81



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

<u>Date</u> 07/27/11

07/29/11

<u>Time</u>

Matrix:

EISENBAC | 18

Collected by:

14:25

Location Code: Rush Request:

Received by: Analyzed by: LB see "By" below

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58579

Project ID:

KAPLANS SCRAP YARD

Client ID:

18

88 Completed		%	0740044			
Completed		70	07/29/11		JL	E160.3
			07/29/11		RC/R	SW3545
ND	190	ug/Kg	08/01/11		MH	SW 8082
ND	190	ug/Kg	08/01/11		MH	SW 8082
ND	190	ug/Kg	08/01/11		MH	SW 8082
ND	190	ug/Kg	08/01/11		MH	SW 8082
ND	190	ug/Kg	08/01/11		МН	SW 8082
ND	190	ug/Kg	08/01/11		мн	SW 8082
ND	190	ug/Kg	08/01/11		MH	SW 8082
ND	190	ug/Kg	08/01/11		MH	SW 8082
ND	190	ug/Kg	08/01/11		MH	SW 8082
68		%	08/01/11		MH	30 - 150 %
70		%	08/01/11		MH	30 - 150 %
	ND	ND 190	ND 190 ug/Kg	ND 190 ug/Kg 08/01/11	ND 190 ug/Kg 08/01/11	ND 190 ug/Kg 08/01/11 MH

Comments:

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Phyllis Shiller, Laboratory Director



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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Elsenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

Date

Time

Matrix:

Collected by:

07/27/11

14:30

Location Code:

EISENBAC | 19

Received by:

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

LB

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

Phoenix ID: BA58580

Project ID:

KAPLANS SCRAP YARD

Client ID:

19

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	81		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/01/11		мн	SW 8082
PCB-1221	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1232	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1242	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1248	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1254	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1260	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1262	ND	200	ug/Kg	08/01/11		MH	SW 8082
PCB-1268	ND	200	ug/Kg	08/01/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	42		%	08/01/11		MH	30 - 150 %
% TCMX	44		%	08/01/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 21 of 81





587 East Middle Turnplke, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Custody Information

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Date

Time

Matrix: **Location Code:**

EISENBAC | 20

Collected by: Received by:

07/27/11 07/29/11 14:35

Rush Request:

Analyzed by:

see "By" below

LB

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58581

Project ID:

KAPLANS SCRAP YARD

Client ID:

20

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	84		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	200	ug/Kg	08/02/11		МН	SW 8082
PCB-1232	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	200	ug/Kg	08/02/11		МН	SW 8082
PCB-1268	ND	200	ug/Kg	08/02/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	49		%	08/02/11		мн	30 - 150 %
% TCMX	68		%	08/02/11		MH	30 - 150 %

Comments:

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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

0011

Custody Information

Date

Time

Matrix:

SOIL

Collected by:

07/27/11

14:40

Location Code:

EISENBAC | 21

Received by: LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58582

Project ID:

KAPLANS SCRAP YARD

Client ID:

21

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	40		%	08/02/11		MH	30 - 150 %
% TCMX	48		%	08/02/11		MH	30 - 150 %

Comments:

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Phyllis Shiller, Laboratory Director





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Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

Date

07/29/11

Time

Matrix:

SOIL

Collected by:

07/27/11

Location Code:

EISENBAC | 22

Received by:

LB

14:45 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58583

Project ID:

KAPLANS SCRAP YARD

Client ID:

22

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	88		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/02/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	59		%	08/02/11		MH	30 - 150 %
% TCMX	66		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

<u>Date</u>

<u>Time</u>

Matrix: Location Code:

EISENBAC | 23

Collected by: Received by:

ιв

07/27/11 07/29/11 14:50 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58584

Project ID:

KAPLANS SCRAP YARD

Client ID:

23

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		мн	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		мн	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		мн	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		мн	SW 8082
QA/QC Surrogates							
% DCBP	50		%	08/02/11		MH	30 - 150 %
% TCMX	68		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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<u>Time</u>

14:55

11:20

Analysis Report

August 09, 2011

FOR:

Custody Information

Laboratory Data

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Matrix:

11502

EISENBAC | 24

Location Code:

Rush Request: P.O.#:

Analyzed by:

Collected by:

Received by: LB

see "By" below

SDG ID: GBA58561

Date

07/27/11

07/29/11

Phoenix ID: BA58585

Project ID:

KAPLANS SCRAP YARD

Client ID:

24

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	84		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	200	ug/Kg	08/02/11		мн	SW 8082
PCB-1232	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	200	ug/Kg	08/02/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	61		%	08/02/11		MH	30 - 150 %
% TCMX	79		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody information

Date

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

15:00

Location Code:

EISENBAC | 25

Received by: LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58586

Project ID:

KAPLANS SCRAP YARD

Client ID:

25

E160.3 SW3545 SW 8082
SW 8082
SW 8082
SW 8082
30 - 150 %
30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

Time

Matrix:

SOIL

Collected by:

07/27/11

15:05

Location Code:

EISENBAC | 26

Received by:

LB

07/29/11

11:20

Rush Request:

11502

Analyzed by: see "By" below Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58587

Project ID:

KAPLANS SCRAP YARD

Client ID:

P.O.#:

26

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	89		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	81		%	08/02/11		мн	30 - 150 %
% TCMX	86		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Tumplke, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date Time

Matrix:

SOIL

Collected by:

07/27/11

15:05

Location Code:

EISENBAC | 26

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58588

Project ID:

KAPLANS SCRAP YARD

Client ID:

26 DUPLICATE

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		мн	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	76		%	08/02/11		MH	30 - 150 %
% TCMX	82		%	08/02/11		MH	30 - 150 %

Project ID: KAPLANS SCRAP YARD

Client ID: 26 DUPLICATE

Parameter Result RL Units Date Time By Reference

Comments:

DUPLICATE INCLUDED

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

Phoenix I.D.: BA58588





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR: Attn: Mr. Mark Ruhnke

LB

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

<u>Date</u> 07/27/11

07/29/11

<u>Time</u>

Matrix: Location Code:

EISENBAC | 27

Collected by: Received by:

15:10

Rush Request:

Analyzed by:

see "By" below

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58589

Project ID:

KAPLANS SCRAP YARD

Client ID:

27

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	88		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/02/11		мн	SW 8082
PCB-1221	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/02/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	75		%	08/02/11		MH	30 - 150 %
% TCMX	79		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Collected by:

Date 07/27/11

07/29/11

<u>Time</u>

Matrix: **Location Code:**

EISENBAC | 28

Received by:

15:15

Rush Request:

Analyzed by:

see "By" below

LB

11:20

P.O.#:

11502

aboratory Data

Custody Information

SDG ID: GBA58561

Phoenix ID: BA58590

Project ID:

KAPLANS SCRAP YARD

Client ID:

28

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	88		%	08/02/11		MH	30 - 150 %
% TCMX	87		%	08/02/11		мн	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Matrix:

eou.

Collected by:

<u>Date</u>

Time

Location Code:

EISENBAC | 29

Received by:

LB

07/27/11 07/29/11

15:20 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

Custody Information

SDG ID: GBA58561

Phoenix ID: BA58591

Project ID:

KAPLANS SCRAP YARD

Client ID:

29

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	62		%	08/02/11		MH	30 - 150 %
% TCMX	69		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Custody Information

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Matrix:

SOIL

Collected by:

<u>Date</u>

07/29/11

<u>Time</u>

Location Code:

EISENBAC (30

Received by:

07/27/11 1

15:25 11:20

Rush Request:

Analyzed by:

see "By" below

LB

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58592

Project ID:

KAPLANS SCRAP YARD

Client ID:

30

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	85		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/02/11		МН	SW 8082
PCB-1221	ND	200	ug/Kg	08/02/11		МН	SW 8082
PCB-1232	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	200	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	200	ug/Kg	08/02/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	78		%	08/02/11		MH	30 - 150 %
% TCMX	80		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

Date

<u>Time</u>

Matrix:

EISENBAC | 31

Collected by:

07/27/11

15:30

Location Code:

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58593

Project ID:

KAPLANS SCRAP YARD

Client ID:

31

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	67		%	08/02/11		МН	30 - 150 %
% TCMX	71		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director



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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

15:35

Location Code:

Received by:

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58594

Project ID:

KAPLANS SCRAP YARD

EISENBAC | 32

Client ID:

32

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	87		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/02/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	61		%	08/02/11		MH	30 - 150 %
% TCMX	66		%	08/02/11		МН	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 36 of 81

Ver 1



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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

<u>Date</u>

<u>Time</u>

Matrix: Location Code:

EISENBAC | 33

Collected by: Received by:

07/27/11 15:40

Rush Request:

RUSH#

Analyzed by:

see "By" below

LB

07/29/11 11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58595

Project ID:

KAPLANS SCRAP YARD

Client ID:

33

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	96		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			08/04/11		BB/F	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	8600	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	8600	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	8600	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	8600	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	8600	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	59000	8600	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	8600	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	8600	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	8600	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	Diluted Out		%	08/05/11		KCA	30 - 150 %
% TCMX	Diluted Out		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

EISENBAC | 34

Collected by:

07/27/11 07/29/11 15:45

Location Code:

Received by:

LB

11:20

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

Phoenix ID: BA58596

KAPLANS SCRAP YARD

Project ID:

Client ID: 34

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	96		%	07 / 29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	170	ug/Kg	08/02/11		МН	SW 8082
PCB-1232	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	170	ug/Kg	08/02/11		МН	SW 8082
PCB-1262	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	170	ug/Kg	08/02/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	73		%	08/02/11		MH	30 - 150 %
% TCMX	71		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Turnplke, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

07/29/11

Time

Matrix:

SOIL

Collected by:

07/27/11

15:50 11:20

Location Code: Rush Request:

EISENBAC | 35

Received by: Analyzed by:

see "By" below

LB

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58597

Project ID:

KAPLANS SCRAP YARD

Client ID:

35

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	96		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	170	ug/Kg	08/02/11		МН	SW 8082
PCB-1232	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	170	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	170	ug/Kg	08/02/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	77		%	08/02/11		MH	30 - 150 %
% TCMX	75		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information Collected by:

Date

<u>Time</u>

Matrix: **Location Code:**

EISENBAC | 36

Received by:

aboratory Data

07/27/11

15:55

Rush Request:

Analyzed by:

LB

07/29/11

11:20

P.O.#:

11502

see "By" below

SDG ID: GBA58561

Phoenix ID: BA58598

Project ID:

KAPLANS SCRAP YARD

Client ID:

36

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1254	2900	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/04/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	97		%	08/04/11		KCA	30 - 150 %
% TCMX	97		%	08/04/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Matrix:

Custody Information

Date

<u>Time</u>

Location Code:

SOIL EISENBAC | 37 Collected by: Received by: 07/27/11

16:00

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58599

Project ID:

KAPLANS SCRAP YARD

Client ID:

37

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		NN/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	30		%	08/02/11		мн	30 - 150 %
% TCMX	34		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

Date

<u>Time</u>

Matrix:

EISENBAC | 38

Collected by:

07/27/11

16:05

Location Code:

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

aboratory Data

SDG ID: GBA58561

Phoenix ID: BA58600

Project ID:

KAPLANS SCRAP YARD

Client ID:

38

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1221	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1242	ND	180	ug/Kg	08/02/11		МН	SW 8082
PCB-1248	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/02/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/02/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	76		%	08/02/11		MH	30 - 150 %
% TCMX	78		%	08/02/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Elsenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

16:10

Location Code:

EISENBAC | 39

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58601

Project ID:

KAPLANS SCRAP YARD

Client ID:

39

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	250	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	68		%	08/05/11		KCA	30 - 150 %
% TCMX	72		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 43 of 81

Ver 1





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR: Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

<u>Date</u>

<u>Time</u>

Matrix: Location Code:

EISENBAC | 39

Collected by:

LB

07/27/11 07/29/11 16:10 11:20

Rush Request:

Received by: Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58602

Project ID:

KAPLANS SCRAP YARD

Client ID:

39 DUPLICATE

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	94		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1254	210	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/04/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	69		%	08/04/11		KCA	30 - 150 %
% TCMX	73		%	08/04/11		KCA	30 - 150 %

Project ID: KAPLANS SCRAP YARD

Client ID: 39 DUPLICATE

Phoenix I.D.: BA58602

Parameter Result RL Units Date Time By Reference

Comments:

DUPLICATE INCLUDED

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

16:15

Location Code:

EISENBAC | 40

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

Phoenix ID: BA58603

Project ID:

KAPLANS SCRAP YARD

Client ID:

40

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/04/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	76		%	08/04/11		KCA	30 - 150 %
% TCMX	81		%	08/04/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Laboratory Data

Date

<u>Time</u>

Matrix: **Location Code:** SOIL

11502

Collected by:

07/27/11

16:20

Rush Request:

Received by:

LB

07/29/11

11:20

P.O.#:

Analyzed by:

see "By" below

SDG ID: GBA58561

Phoenix ID: BA58604

Project ID:

KAPLANS SCRAP YARD

EISENBAC | 41

Client ID:

41

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	94		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/04/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	83		%	08/04/11		KCA	30 - 150 %
% TCMX	86		%	08/04/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

August 09, 2011

Page 47 of 81

Ver 1



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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

0011

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11 07/29/11 16:25

Location Code:

EISENBAC | 42

Received by: LB

11:20

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

Dhamby ID. DAEGGOE

Phoenix ID: BA58605

Project ID:

KAPLANS SCRAP YARD

Client ID:

42

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	94		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/04/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	76		%	08/04/11		KCA	30 - 150 %
% TCMX	82		%	08/04/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director



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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

Date

07/29/11

Time

Matrix:

EISENBAC | 43

Collected by:

07/27/11 16:30

Location Code:

•

Received by: LB Analyzed by: see

see "By" below

11:20

Rush Request:

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58606

Project ID:

KAPLANS SCRAP YARD

Client ID:

43

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	97		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/04/11		KCA	SW 8082
PCB-1221	ND	170	ug/Kg	08/04/11		KCA	SW 8082
PCB-1232	ND	170	ug/Kg	08/04/11		KCA	SW 8082
PCB-1242	ND	170	ug/Kg	08/04/11		KCA	SW 8082
PCB-1248	ND	170	ug/Kg	08/04/11		KCA	SW 8082
PCB-1254	ND	170	ug/Kg	08/04/11		KCA	SW 8082
PCB-1260	ND	170	ug/Kg	08/04/11		KCA	SW 8082
PCB-1262	ND	170	ug/Kg	08/04/11		KCA	SW 8082
PCB-1268	ND	170	ug/Kg	08/04/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	86		%	08/04/11		KCA	30 - 150 %
% TCMX	85		%	08/04/11		KCA	30 - 150 %

Comments:

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Phyllis Shiller, Laboratory Director



587 East Middle Turnplke, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

901

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

16:35

Location Code:

EISENBAC | 44

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58607

Project ID:

KAPLANS SCRAP YARD

Client ID:

44

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/04/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/04/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	69		%	08/04/11		KCA	30 - 150 %
% TCMX	72		%	08/04/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

07/29/11

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

16:40

Location Code:

EISENBAC | 45

Received by: LB

11:20

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

Phoenix ID: BA58608

Project ID:

KAPLANS SCRAP YARD

Client ID:

45

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	96		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	170	ug/Kg	08/05/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	88		%	08/05/11		KCA	30 - 150 %
% TCMX	89		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Elsenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

Date

Time

Matrix:

SOIL

Collected by:

07/27/11

16:45

Location Code:

EISENBAC | 46

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

Phoenix ID: BA58609

Project ID:

KAPLANS SCRAP YARD

Client ID:

46

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	96		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	170	ug/Kg	08/05/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	87		%	08/05/11		KCA	30 - 150 %
% TCMX	89		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Custody Information

Laboratory Data

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Matrix: **Location Code:**

Rush Request:

SOIL

11502

EISENBAC | 47

Collected by: Received by:

LB

07/27/11 07/29/11

Date

16:50

Time

11:20

Analyzed by:

see "By" below

SDG ID: GBA58561

Phoenix ID: BA58610

Project ID:

KAPLANS SCRAP YARD

Client ID:

P.O.#:

47

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	94		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	79		%	08/05/11		KCA	30 - 150 %
% TCMX	84		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



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Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

211

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

16:55

Location Code:

EISENBAC | 48

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58611

Project ID:

KAPLANS SCRAP YARD

Client ID:

48

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	95		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	170	ug/Kg	08/05/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	76		%	08/05/11		KCA	30 - 150 %
% TCMX	82		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

801

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

17:00

Location Code:

EISENBAC | 49

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58612

Project ID:

KAPLANS SCRAP YARD

Client ID:

49

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	78		%	08/05/11		KCA	30 - 150 %
% TCMX	82		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 55 of 81

Ver 1



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

DOIL

Custody Information

Date

07/29/11

<u>Time</u>

Matrix: Location Code: SOIL

Collected by:

07/27/11

17:05 11:20

Rush Request:

Received by: Analyzed by:

see "By" below

LB

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58613

Project ID:

KAPLANS SCRAP YARD

EISENBAC | 50

Client ID:

50

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	94		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	170	ug/Kg	08/05/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	80		%	08/05/11		KCA	30 - 150 %
% TCMX	89		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

<u>Custody Information</u>

<u>Date</u> 07/27/11 <u>Time</u>

Matrix:

SOIL

Collected by:

17:10

Location Code:

EISENBAC [51

Received by:

LB

07/29/11 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58614

Project ID:

KAPLANS SCRAP YARD

Cllent ID:

51

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	79		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	210	ug/Kg	08/05/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	43		%	08/05/11		KCA	30 - 150 %
% TCMX	54		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

<u>Date</u>

Time

Matrix:

SOIL

Collected by:

07/27/11 17:15

Location Code:

EISENBAC | 52

Received by:

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561 Phoenix ID: BA58615

Project ID:

KAPLANS SCRAP YARD

Client ID:

52

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	78		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	210	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	210	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	50		%	08/05/11		KCA	30 - 150 %
% TCMX	54		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc. 587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR: Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

Collected by:

07/27/11

17:20

Location Code:

EISENBAC | 53

Received by: LB 07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA58561

P.O.#:

11502

Laboratory Data

Phoenix ID: BA58616

Project ID:

KAPLANS SCRAP YARD

Client ID:

53

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	71		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	230	ug/Kg	08/05/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	42		%	08/05/11		KCA	30 - 150 %
% TCMX	43		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

Date

Time

Matrix:

SOIL

Collected by:

07/27/11

17:25

Location Code:

EISENBAC | 54

Received by:

LB

07/29/11

17:25 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58617

Project ID:

KAPLANS SCRAP YARD

Client ID:

54

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	72		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			08/05/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	230	ug/Kg	08/08/11		МН	SW 8082
PCB-1221	ND	230	ug/Kg	08/08/11		MH	SW 8082
PCB-1232	ND	230	ug/Kg	08/08/11		MH	SW 8082
PCB-1242	ND	230	ug/Kg	08/08/11		MH	SW 8082
PCB-1248	ND	230	ug/Kg	08/08/11		MH	SW 8082
PCB-1254	ND	230	ug/Kg	08/08/11		MH	SW 8082
PCB-1260	ND	230	ug/Kg	08/08/11		MH	SW 8082
PCB-1262	ND	230	ug/Kg	08/08/11		MH	SW 8082
PCB-1268	ND	230	ug/Kg	08/08/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	79		%	08/08/11		MH	30 - 150 %
% TCMX	76		%	08/08/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Matrix:

11502

EISENBAC | 55

Location Code: Rush Request:

P.O.#:

Received by: Analyzed by:

Collected by:

Laboratory Data

Custody Information

LB

see "By" below

SDG ID: GBA58561

Time

17:30

11:20

Phoenix ID: BA58618

Date

07/27/11

07/29/11

Project ID:

KAPLANS SCRAP YARD

Client ID:

55

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	43		%	08/05/11		KCA	30 - 150 %
% TCMX	44		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis/Shiller, Laboratory Director





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

Date

Time

Matrix:

SOIL

Collected by:

07/27/11

Location Code:

EISENBAC | 56

Received by:

07/29/11

17:35

Rush Request:

Analyzed by:

see "By" below

LB

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58619

Project ID:

KAPLANS SCRAP YARD

Client ID:

56

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	83		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	200	ug/Kg	08/05/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	43		%	08/05/11		KCA	30 - 150 %
% TCMX	46		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis/Shiller, Laboratory Director



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102

Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Matrix:

SOIL

Custody Information

Date

Time

Location Code:

EISENBAC | 57

Collected by: Received by:

LB

07/27/11 07/29/11 17:40

Rush Request:

Analyzed by:

see "By" below

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58620

Project ID:

KAPLANS SCRAP YARD

Client ID:

57

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	84		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	200	ug/Kg	08/05/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	36		%	08/05/11		KCA	30 - 150 %
% TCMX	55		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 63 of 81



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

SOIL EISENBAC | 58 Collected by:

17:45

Location Code:

Received by: LB

07/27/11 07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58621

Project ID:

KAPLANS SCRAP YARD

Client ID:

58

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	82		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	200	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	200	ug/Kg	08/05/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	60		%	08/05/11		KCA	30 - 150 %
% TCMX	76		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Turnplke, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

SOIL

Custody Information

Date

<u>Time</u>

Matrix: Location Code:

EISENBAC | SIDE

Collected by: Received by:

LB

07/27/11 07/29/11 17:50 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58622

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 1

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	57		%	08/05/11		KCA	30 - 150 %
% TCMX	62		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director







Analysis Report

August 09, 2011

FOR: Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

<u>Date</u>

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

17:55

Location Code:

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58623

Project ID:

KAPLANS SCRAP YARD

EISENBAC | SIDE

Client ID:

SIDE 2

Percent Solid 94 % 07/29/11 Soil Extraction for PCB Completed 07/29/11 Polychlorinated Biphenyls	JL RC/R	E160.3
	RC/R	
Polychloringted Rinhenyls		SW3545
1 Olychiol mated Diphenyis		
PCB-1016 ND 180 ug/Kg 08/05/11	KCA	SW 8082
PCB-1221 ND 180 ug/Kg 08/05/11	KCA	SW 8082
PCB-1232 ND 180 ug/Kg 08/05/11	KCA	SW 8082
PCB-1242 ND 180 ug/Kg 08/05/11	KCA	SW 8082
PCB-1248 ND 180 ug/Kg 08/05/11	KCA	SW 8082
PCB-1254 ND 180 ug/Kg 08/05/11	KCA	SW 8082
PCB-1260 ND 180 ug/Kg 08/05/11	KCA	SW 8082
PCB-1262 ND 180 ug/Kg 08/05/11	KCA	SW 8082
PCB-1268 ND 180 ug/Kg 08/05/11	KCA	SW 8082
OA/QC Surrogates		
% DCBP 70 % 08/05/11	KCA	30 - 150 %
% TCMX 76 % 08/05/11	KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director







Analysis Report

August 09, 2011

FOR: Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

9

SOIL

Custody Information

<u>Date</u>

<u>Time</u>

Matrix: Location Code:

EISENBAC | SIDE

Collected by: Received by:

LB

07/27/11 07/29/11 18:00 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58624

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 3

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	95		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	170	ug/Kg	08/05/11		KCA	SW 8082
OA/QC Surrogates							
% DCBP	86		%	08/05/11		KÇA	30 - 150 %
% TCMX	88		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director







Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

<u>Time</u>

Matrix: Location Code: SOIL

Collected by: Received by:

07/27/11 07/29/11 18:05 11:20

Rush Request:

Analyzed by:

see "By" below

LB

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58625

Project ID:

KAPLANS SCRAP YARD

EISENBAC | SIDE

Client ID:

SIDE 4

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	79		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			08/05/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	210	ug/Kg	08/08/11		МН	SW 8082
PCB-1221	ND	210	ug/Kg	08/08/11		MH	SW 8082
PCB-1232	ND	210	ug/Kg	08/08/11		МН	SW 8082
PCB-1242	ND	210	ug/Kg	08/08/11		MH	SW 8082
PCB-1248	ND	210	ug/Kg	08/08/11		MH	SW 8082
PCB-1254	ND	210	ug/Kg	08/08/11		MH	SW 8082
PCB-1260	ND	210	ug/Kg	08/08/11		MH	SW 8082
PCB-1262	ND	210	ug/Kg	08/08/11		MH	SW 8082
PCB-1268	ND	210	ug/Kg	08/08/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	116		%	08/08/11		МН	30 - 150 %
% TCMX	112		%	08/08/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

Time

Matrix:

SOIL

Collected by:

07/27/11

I IIIIC

Location Code:

EISENBAC | SIDE

Received by:

LB

07/29/11

18:10 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58626

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 5

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	73		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	230	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	230	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	44		%	08/05/11		KCA	30 - 150 %
% TCMX	36		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director







Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

07/29/11

<u>Time</u>

Matrix:

SOI

Collected by:

Analyzed by:

07/27/11

18:15 11:20

Location Code:

EISENBAC | SIDE

Received by:

LB see "By" below

Rush Request: P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58627

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 6

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			08/05/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/08/11		MH	SW 8082
PCB-1221	ND	180	ug/Kg	08/08/11		MH	SW 8082
PCB-1232	ND	180	ug/Kg	08/08/11		MH	SW 8082
PCB-1242	ND	180	ug/Kg	08/08/11		MH	SW 8082
PCB-1248	ND	180	ug/Kg	08/08/11		MH	SW 8082
PCB-1254	ND	180	ug/Kg	08/08/11		MH	SW 8082
PCB-1260	ND	180	ug/Kg	08/08/11		MH	SW 8082
PCB-1262	ND	180	ug/Kg	08/08/11		MH	SW 8082
PCB-1268	ND	180	ug/Kg	08/08/11		MH	SW 8082
OA/OC Surrogates							
% DCBP	117		%	08/08/11		MH	30 - 150 %
% TCMX	79		%	08/08/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

Time

Matrix: Location Code: SOIL

Collected by:

07/27/11 18:20

07/29/11 11:20

Rush Request:

Received by: Analyzed by:

see "By" below

LB

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58628

Project ID:

KAPLANS SCRAP YARD

EISENBAC | SIDE

Client ID:

SIDE 7

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	87		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	190	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	190	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	190	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	190	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	190	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	190	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	190	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	190	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	45		%	08/05/11		KCA	30 - 150 %
% TCMX	59		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

Time

Matrix:

SOIL

Collected by:

07/27/11

18:25

Location Code:

EISENBAC | SIDE

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58629

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 8

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	89		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	61		%	08/05/11		KCA	30 - 150 %
% TCMX	65		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

18:30

Location Code:

EISENBAC | SIDE

Received by:

LB

07/29/11

18:30 11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58630

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 9

91 Completed ND ND ND	180 180 180	% ug/Kg ug/Kg	07/29/11 07/29/11 08/05/11 08/05/11		JL RC/R KCA KCA	E160.3 SW3545 SW 8082 SW 8082
ND ND	180	ug/Kg	08/05/11		KCA	SW 8082
ND	180	ug/Kg				
ND	180	ug/Kg				
			08/05/11		KCA	SW 8082
ND	180					O11 0002
		ug/Kg	08/05/11		KCA	SW 8082
ND	180	ug/Kg	08/05/11		KCA	SW 8082
ND	180	ug/Kg	08/05/11		KCA	SW 8082
ND	180	ug/Kg	08/05/11		KCA	SW 8082
ND	180	ug/Kg	08/05/11		KCA	SW 8082
ND	180	ug/Kg	08/05/11		KCA	SW 8082
ND	180	ug/Kg	08/05/11		KCA	SW 8082
59		%	08/05/11		KCA	30 - 150 %
61		%	08/05/11		KCA	30 - 150 %
	ND ND ND ND ND	ND 180 ND 180 ND 180 ND 180 ND 180	ND 180 ug/Kg	ND 180 ug/Kg 08/05/11 ND 180 ug/Kg 08/05/11	ND 180 ug/Kg 08/05/11	ND 180 ug/Kg 08/05/11 KCA 59 % 08/05/11 KCA

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 09, 2011

FOR: Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street **Utica NY 13501**

Sample Information

Matrix:

Custody Information Collected by:

<u>Date</u>

<u>Time</u>

Location Code:

EISENBAC | SIDE

Received by:

LB

07/27/11 07/29/11

18:30 11:20

Rush Request:

P.O.#:

11502

Analyzed by: see "By" below

SDG ID: GBA58561

Laboratory Data

Phoenix ID: BA58631

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 9 DUP

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
QA/QC Surrogates							
% DCBP	70		%	08/05/11		KCA	30 - 150 %
% TCMX	76		%	08/05/11		KCA	30 - 150 %

Project ID: KAPLANS SCRAP YARD

Client ID: SIDE 9 DUP

Phoenix I.D.: BA58631

Parameter

Result

RL Units

Date

Time

Ву

Reference

Comments:

DUPLICATE INCLUDED

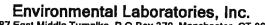
If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director







Analysis Report

August 09, 2011

FOR: Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Englneering,

291 Genesee Street **Utica NY 13501**

Sample Information

Matrix:

Custody Information

<u>Date</u>

Time

Location Code:

Collected by:

07/27/11

18:35

EISENBAC | SIDE

Received by: Analyzed by:

LB 07/29/11 see "By" below

11:20

Rush Request: P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58632

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 10

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	95		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		RC/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	170	ug/Kg	08/05/11		KCA	SW 8082
QA/QC Surrogates			• •				
% DCBP	68		%	08/05/11		KCA	30 - 150 %
% TCMX	66		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director



587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

97

Custody Information

Date

07/29/11

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

18:40

Location Code:

EISENBAC | SIDE

Received by:

LB

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58633

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 11

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	94		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		NB/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	83		%	08/05/11		KCA	30 - 150 %
% TCMX	79		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director





587 East Middle Tumpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 09, 2011

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

EISENBAC | SIDE

Collected by:

LB

07/27/11 07/29/11 18:45

Location Code: Rush Request:

Received by: Analyzed by:

see "By" below

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58634

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 12

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		NB/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	180	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	180	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	62		%	08/05/11		KCA	30 - 150 %
% TCMX	64		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 78 of 81

Ver 1







Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

Custody Information

Date

Time

Matrix: **Location Code:**

EISENBAC | SIDE

Collected by: Received by:

07/27/11 07/29/11

18:50

Rush Request:

Analyzed by:

see "By" below

LB

11:20

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58635

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 13

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		BB/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	340	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	340	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	340	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	340	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	340	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	340	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	340	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	340	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	79		%	08/05/11		KCA	30 - 150 %
% TCMX	87		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director







Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering,

291 Genesee Street Utica NY 13501

Sample Information

90

Custody Information

Date

<u>Time</u>

Matrix:

SOIL

Collected by:

07/27/11

18:55

Location Code:

EISENBAC | SIDE

Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58636

Project ID:

KAPLANS SCRAP YARD

Client ID:

SIDE 14

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	95		%	07/29/11		JL	E160.3
Soil Extraction for PCB	Completed			07/29/11		NN/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1221	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1232	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1242	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1248	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1254	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1260	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1262	ND	170	ug/Kg	08/05/11		KCA	SW 8082
PCB-1268	ND	170	ug/Kg	08/05/11		KCA	SW 8082
OA/OC Surrogates							
% DCBP	85		%	08/05/11		KCA	30 - 150 %
% TCMX	89		%	08/05/11		KCA	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 09, 2011

Page 80 of 81

Ver 1



587 East Middle Tumplke, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 09, 2011

FOR:

Attn: Mr. Mark Ruhnke

Eisenbach & Ruhnke Engineering.

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

Date

<u>Time</u>

Matrix:

WATER

Collected by:

07/27/11

19:10

Location Code:

EISENBAC | RINSATE Received by:

LB

07/29/11

11:20

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA58561

Phoenix ID: BA58637

Project ID:

KAPLANS SCRAP YARD

Client ID:

RINSATE BLANK

Result	RL	Units	Date	Time	Ву	Reference
Completed			08/01/11		T/R	SW3510C
<u>ls</u>						
- ND	0.71	ug/L	08/04/11		KCA	608/8082
ND	0.71	ug/L	08/04/11		KCA	608/8082
ND	0.71	ug/L	08/04/11		KCA	608/8082
ND	0.71	ug/L	08/04/11		KCA	608/ 8082
ND	0.71	ug/L	08/04/11		KCA	608/8082
ND	0.71	ug/L	08/04/11		KCA	608/ 8082
ND	0.71	ug/L	08/04/11		KÇA	608/ 8082
ND	0.71	ug/L	08/04/11		KCA	608/8082
ND	0.71	ug/L	08/04/11		KCA	608/8082
93		%	08/04/11		KCA	608/8082
82		%	08/04/11		KCA	608/8082
	Completed ND	Completed ND 0.71 ND 0.71	S S S S S S S S S S	ND 0.71 ug/L 08/04/11 ND 0.71 ug/L 08/04/11	ND 0.71 ug/L 08/04/11 ND 0.71 ug/L 08/04/11	ND

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director



Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

August 09, 2011

SDG I.D.: GBA58561

The samples in this delivery group were received at 22C. (Note acceptance criteria is above freezing up to 6C) $\,$

71.0			Ň	'NJ CH	AIN O	CUSTC	NY/NJ CHAIN OF CUSTODY RECORD			Temp Od Pg or
	PHOKINIX STEED Environmental Laboratories, Inc.	Inc.	587 Ea Ei	ast Middle Tumpike, P.O. Box Email: info@phoenixlabs.com Client Services (80	urnpike, P phoenixlat It Servic	ddle Tumpike, P.O. Box 370, Mancheste info@phoenixlabs.com Fax (860) 64 Client Services (860) 645-8726	587 East Middle Tumpike, P.O. Box 370, Manchester, CT 06040 Email: info@phoenixlabs.com Fax (860) 645-0823 Client Services (860) 645-8726	Data Defivery:	# 315 735 6365 MRUHAKE @	O ELENGOLION
Customer: Address:	E155NBALI & 291 65NE3EF UTICA NY	Ruthuke STREEC 1350)	r kë	ENGINEERIN	The second	Project: Report to: Invoice to:	MARK 1	SCRAP SUITANKE FRUITA	YARD Project P.O. Phone #:	1 179 7
	Client Sample - Information - Identification	- Identifica	stion Date:	1-27-1		Analysis Request	100 G			1/3
Matrix Code: DW=drinking water GW=groundwater	WMF-wastewater S-soil/solid SL-sludge A-air	id O=ail X=other			,					
Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time	13/]]		
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2000	2	20/5	11-67-6		2 5					
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nents, Special F	ments or Re	gulations:	٠ ا				10 Days Other	GW Criteria	NY375 Residential Soil NY375 Restricted	EQuIS Nu Hazsite EDD NY EZ EDD (ASP)
	うりょくせい		<u>T</u>				APPLIES		Non-Residential Soil	Office Contract
چ د ا	Mut survived experdent						State where	State where samples were collected:	2	Data Package NJ Reduced Deliv. *
	\ \ 		7/24/20							CONY Enhanced (ASP B) *

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PHK)EMX		587 Eas	st Middle T	east Middle Tumpike, P.O. Box Email: info@aboaristabe com). Box 370, Ma	587 East Middle Tumpike, P.O. Box 370, Manchester, CT 05040	Data Delivery:	35 7356365	365
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Customer: Address:	Dal GENEZEE	42	41 6	ENDINEGERS F.C.		Project:	KAPLANS	SCRAP XARD	1	11.5
	6.09	1 -4	1000		l Invo	1 1	134	F RUTHURE	Fax#:	315 735636F
Sampler's Signature	Client Sample - Information - Identification	- Identifica	tion Date: 7	Date: 7-27-//	Analysis Request	sis est				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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NY/NJ CHAIN OF CUSTODY RECORD

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Environm	Environmental Laboratories, Inc.	Inc.		Client	Services	ĝ	8726	Email:	Demail Militale @ ELENGIC. COM	ENGPL. Com	
Customer: Address:	Essenbrat & R 291 Geneses UTCA NY	# RUTHURE SACE ST NY 13501		ENDINECLIN	U so	: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	6 3	S SLEAD YACD CUHALE RIF & RUFAULE	Project P.O. Phone #:	11502 35 735 1914 35 735 6365	
Sampler's Signature	Client Sample - Information - Identification	- Identifica	i ii	11-52-6	Analysis Request	Analysis Analysis				1.000	
Matrix Code: DW=drinking water GW≠groundwater	WMF-wastewater S-soil/solid SL-sludge A-air	id O=oil X=other			Pi-					4603 1832 3 2 1403	
Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Samoled	Time	9						
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SXSX9	42	Solv	1-126	310	ح ک						
SSC50	28	3016	11-22-6	315	ス						
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CXCR-13	39	7 105	11-27-4	325	DZ.						
35533	31	Soil	11-12-1	330	7						
5000	37	Sorie	11-47-4	335	ベ						
£252	33	Soil	1-47-4	3:40	R						
585%	34	SolL	127-6	3:45	Z						
Relinquished by	Accepted by:			Date:		Time:	١.,	3	NY	Data Format	
FRAN CA	CARRES C			17	11-826	3-00 pm		Res. Criteria	TAGM 4046 GW	Phoenix Std Report	
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Le f	ray Pet	J.	1 mg leg	4			SURCHARGE APPLIES		Non-Residential Soil	N EZ EDD (ASP) ☐ Other	
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		1)							Other	

Data Package

NJ Reduced Deliv.

PNY Enhanced (ASP B)

Other 7356365 7351916 Data Format

Report

Excel

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Soil
NY375 Restricted
Non-Residential Soil NY
TAGM 4046 GW
TAGM 4046 SOIL
NY375 Unrestricted Phone #: 2 Fax #: Transporter to X XARO Data Delivery: State where samples were collected: Lumari. NJ
Res. Criteria
Non-Res. Criteria
Impact to GW Soil かまるの Cleanup Criteria ☐ GW Criteria SCRAP インマンろの D. 587 East Middle Tumpike, P.O. Box 370, Manchester, CT 06040 MSG-JANA NYINJ CHAIN OF CUSTODY RECORD KARLANS · SURCHARGE APPLIES Fax (860) 645-0823 Turmaround:
1 Day
2 Days
3 Days
10 Days MARK Client Services (860) 645-8726 3.00 Tlme: Email: info@phoenixlabs.com Invoice to: Report to: Analysis Request Project: 11-82-6 11/52/1-6 又 Q 9 ENSENDEN & RUHALE GABINESCHIO Date: 11-626 Time Sampled 04.4 4=10 4:5 425 435 329 34% 470 子 405 11-22-6 17-52-6 デスト 1234 11-62-6 トセーち 11-12-6 11-42-4 Date Sampled 11.126 7.27-11 1-2-2 まなみ Date: Cilent Sample Information - Identification なったしいかり X=other 25. Sale Jac Shir がん Š چ الا Solt 3 87 NY 13501 5/1 Environmental Laboratories, Inc. Refrect GENERER WW=wastewater S=soil/solid Comments, Special Requirements or Regulations: Accepted by: A=air DUPLICATE Customer Sample Identification 36 37 38 40 UTTEM 39 47 Schlet 43 X 44 头 SL=sludge 160 XXXX 3 fan hooces Matrix Code: DW=drinking water GW=groundwater 581004 SROOD Relinquished by 580g 581000 SKOOS 38 600 5859 58598 58.60 Address: 0000 5Kobi Customer: 5859 132 Sample # Phoenix P Sampler's Signature

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NY RECORD	0, Manchester, CT 0602 Fax (960) 645-0823	5-8/26	KARILAN	EUGUSTRIA																	Turnaround:	1 Day*	3 Days.	10 Days	Other	APPLIES	State where se
NY/NJ CHAIN OF CUSTODY RECORD	37	cilent services (860) 645-8726	Project:		Analysis		E ST														Time:	1 3:00	77 W				
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	ies, Inc.	000	S SEE S	N	ation - Identiff		S=soil/solid O=oil A=air X=other	Sample	Soll	5606	2/8%	Silv	7105	Sir	Sal	Sin	Sar	Soil	Sal	Spic	d by:)	ations:	ا ۱۸۱۸م	extraction
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	PHC Environm	- Company	Address:	9	Sampler's	Signature	Matrix Code: DW=drinking water GW=groundwater	Phoenix Sample #	58609	08600	5861	EROB	5803	S86014	SKIPIN	Dalolle	1000	_	80.0	0X88		+12m 12m		Commente Crostal	commence, special	101	N. Y.

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Environm	Environmental Laboratories, Inc.	Inc.	j	Client	Services	6	645-8726		MRUITME	MANIFICERENIS PL. LON
Custamer: Address:	3 3	BUH		ENSINEGIINS	Project: Report to:	# # 5 	KAPLANS MARK P	2/2	Project P.O:	315725
	UICA NY	13501		ľ	Invoice to:	e j	FISENGAR	EN P RUTHURE	Fax#:	
Sampler's Signature	Client Sample - Information - Identification	- Identification	legi (F)	11-67	Analysis Request	Analysis Request	1			1000 1000
Matrix Code: DW=drinking water GW=groundwater	WWF-wastewater S=soil/solid SL=studge A=air	id O=oil X=other			10					1400 160 140 140 140 140 140 140 140 140 140 14
Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time	Ž,					
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(COXC)	SIDE 5	-	11-27-6	0:10	Q					
SASI		-	1-62-6	6:15	Q					
XCOXC C	- 1	1	U=01 1-4-6	2: 30	94					
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CZOXCO	5106 9	7	11-+2-6	6:30	92					
1388	SIDE 9 DUPLICATE SOIL			10:30	Q.					
NXOX O	1 SIDE 10	5,110	7-27-11	6:38	Z Z				>	
Relinquished by:	Accepted by:			Date:		Tlme:	Turnaround:	⋥	NX	Data Format
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comments, specia	comments, special requirements or Regulations:	ii					Other	Caverian S	Soil	NJ Hazsite EDD
12 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2	Fer of	121/20	مو.				* SURCHARGE APPLIES		NY375 Restricted Non-Residential Soil	NY EZ EDD (ASP)
S XM	septent appects	4					State where s	State where samples were collected:	N	Data Package NJ Reduced Deliv.*
		1								Other

Data Package

NJ Reduced Defiv.

PP NY Enhanced (ASP B)

Other 35 7356365 Data Format

Proponentix Std Report

Excel

PDF

GIS/Key 315 735 1916 EQUIS

NJ Hazsite EDD

ADNY EZ EDD (ASP)

Other MRUHAL @ ELEBRAPC, COM 4 TO CARLES 7601 2000 Temp 30 Pg-Calling to Cla 35 735 6365 Project P.O. NY
TAGM 4046 GW
TAGM 4046 SOIL
NY375 Unrestricted NY375 Restricted
Non-Residential Soil Phone #: □ NY375 Residential Soil Fax #: 7 THE HOS IS Soil SLEAD YARD RUHARE Data Delivery: State where samples were collected: Email NJ
Res. Criteria
Non-Res. Criteria
Impact to GW Soil Cleanup Criteria ☐ GW Criteria tte, Rushile Elsen Bont 587 East Middle Tumpike, P.O. Box 370, Manchester, CT 08040 Emeil: info@phoenixlabs.com Fax (860) 645-0823 KAPLANS NY/NJ CHAIN OF CUSTODY RECORD * SURCHARGE APPLIES 1 Day 1 2 Days 1 2 Days 1 2 Days 1 Office of the control Turnaround: MARK P Client Services (860) 645-8726 3:00 ТІТВ Invoice to: Report to: Analysis Request ENGINEERING Project: 7-23-11 6 40 7:10 Date: V-45 Sampled 10:50 10:53 727- 727-Time 1-626 142-6 7/9S Sost 3-27-11 Saic | 227 11-22-6 Sampled 1320 1915-18th & LUTHALE Client Sample - Information - Identification RL of Implies WATER Control they X=other Sort Sample Matrix WM=wastewater S=soil/solid O=oil GENESEF Environmental Laboratories, Inc. 2 Comments, Special Requirements or Regulations: RINSATE BLAN Accepted by: A=air Customer Sample 510512 5105 13 Side (1 Identification Septen UTICA SIDE あるが SL=sludge (SABLES 58020 Matrix Code: DW=drinking water Relinguished by GW=groundwater 58 Lasy Phoenix Samole # 5865 Customer: Address: -apr ちろ Sampler's Signature



Wednesday, August 24, 2011

Attn: Fran Barres Eisenbach & Ruhnke Engineering, P.C. 291 Genesee Street Utica NY 13501

Project ID: KAPLANS SCRAP YARD Sample ID#s: BA65799 - BA65804

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301

CT Lab Registration #PH-0618

MA Lab Registration #MA-CT-007

ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003

NY Lab Registration #11301

PA Lab Registration #68-03530

RI Lab Registration #63

VT Lab Registration #VT11301



Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 24, 2011

FOR:

Attn: Fran Barres

Eisenbach & Ruhnke Engineering, P.C.

291 Genesee Street **Utica NY 13501**

Sample Information

SOIL

Custody Information

Date

Time

Matrix: **Location Code:**

EISENBAC | 16

Collected by:

LDF

08/16/11 08/18/11 11:30

Rush Request:

Received by: Analyzed by:

see "By" below

10:07

P.O.#:

11502

Laboratory Data

SDG ID: GBA65799

Phoenix ID: BA65799

Project ID:

KAPLANS SCRAP YARD

Client ID:

16

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	80		%	08/18/11		JL	E160.3
Soil Extraction for PCB	Completed			08/18/11		MB/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/22/11		MH	SW 8082
PCB-1221	ND	200	ug/Kg	08/22/11		MH	SW 8082
PCB-1232	ND	200	ug/Kg	08/22/11		MH	SW 8082
PCB-1242	ND	200	ug/Kg	08/22/11		MH	SW 8082
PCB-1248	•	200	ug/Kg	08/22/11		MH	SW 8082
PCB-1254	*	200	ug/Kg	08/22/11		MH	SW 8082
PCB-1260	ND	200	ug/Kg	08/22/11		MH	SW 6082
PCB-1262	ND	200	ug/Kg	08/22/11		MH	SW 8082
PCB-1268	ND	200	ug/Kg	08/22/11		MH	SW 8082
Total PCBs	430	200	ug/Kg	08/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	95		%	08/22/11		MH	30 - 150 %
% TCMX	95		%	08/22/11		MH	30 - 150 %

Project ID: KAPLANS SCRAP YARD Phoenix I.D.: BA65799

Client ID: 16

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 25, 2011

Page 2 of 8 Ver 1

^{*} For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Fax (860) 645-0823 Tel. (860) 645-1102



Analysis Report

August 24, 2011

FOR:

Attn: Fran Barres

Eisenbach & Ruhnke Engineering, P.C.

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

Date

Time

Matrix:

SOIL

Collected by:

08/16/11

Location Code:

EISENBAC | 33

Received by:

LDF

08/18/11

11:35 10:07

Rush Request:

Analyzed by:

see "By" below

P.O.#:

11502

Laboratory Data

SDG ID: GBA65799

Phoenix ID: BA65800

Project ID:

KAPLANS SCRAP YARD

Client ID:

33

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	85		%	08/18/11		JL	E160.3
Soil Extraction for PCB	Completed			08/18/11		MB/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1221	ND	200	ug/Kg	08/19/11		МН	SW 8082
PCB-1232	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1242	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1248	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1254	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1260	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1262	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1268	ND	200	ug/Kg	08/19/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	91		%	08/19/11		MH	30 - 150 %
% TCMX	74		%	08/19/11		МН	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

August 25, 2011







Analysis Report

August 24, 2011

FOR:

Attn: Fran Barres

Eisenbach & Ruhnke Engineering, P.C.

291 Genesee Street Utica NY 13501

Sample Information

<u>Custody Information</u>

Date

<u>Time</u>

Matrix:

SOIL

Collected by:

08/16/11

111110

Location Code:

EISENBAC | 33

Received by:

LDF

08/18/11

11:40 10:07

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA65799

P.O.#:

11502

Laboratory Data

b----- ID. DACEGOA

Phoenix ID: BA65801

Project ID:

KAPLANS SCRAP YARD

Client ID:

33 DUPLICATE

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	85		%	08/18/11		JL	E160.3
Soil Extraction for PCB	Completed			08/18/11		MB/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	200	ug/Kg	08/19/11		МН	SW 8082
PCB-1221	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1232	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1242	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1248	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1254	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1260	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1262	ND	200	ug/Kg	08/19/11		MH	SW 8082
PCB-1268	ND	200	ug/Kg	08/19/11		MH	SW 8082
OA/QC Surrogates							
% DCBP	92		%	08/19/11		MH	30 - 150 %
% TCMX	82	98	%	08/19/11		МН	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 25, 2011



Environmental Laboratories, Inc. 587 East Middle Tumplke, P.O.Box 370, Manchester, CT 06045

Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

August 24, 2011

FOR: Attn: Fran Barres

Eisenbach & Ruhnke Engineering, P.C.

291 Genesee Street Utica NY 13501

Sample information

SOIL

11502

Custody Information

Date

Time

Matrix:

EISENBAC | 36

Collected by:

08/16/11 08/18/11 11:45

Location Code:

Received by:

LDF

10:07

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA65799

Phoenix ID: BA65802

Laboratory Data

Project ID:

P.O.#:

KAPLANS SCRAP YARD

Client ID:

36

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	87		%	08/18/11		JL	E160.3
Soil Extraction for PCB	Completed			08/18/11		MB/R	SW3545
Polychlorinated Biphenyls						1	
PCB-1016	ND	190	ug/Kg	08/22/11		MH	SW 8082
PCB-1221	ND	190	ug/Kg	08/22/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/22/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/22/11		MH	SW 8082
PCB-1248	•	190	ug/Kg	08/22/11		MH	SW 8082
PCB-1254	•	190	ug/Kg	08/22/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/22/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/22/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/22/11		MH	SW 8082
Total PCBs	780	190	ug/Kg	08/22/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	91		%	08/22/11		MH	30 - 150 %
% TCMX	91		%	08/22/11		MH	30 - 150 %

Project ID: KAPLANS SCRAP YARD Phoenix I.D.: BA65802

Client ID: 36

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

August 25, 2011

^{*} For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.







Analysis Report

August 24, 2011

FOR:

Attn: Fran Barres

Eisenbach & Ruhnke Engineering, P.C.

291 Genesee Street Utica NY 13501

Sample Information

0011

Custody Information

Date

08/18/11

<u>Time</u>

Matrix:

SOIL

Collected by:

08/16/11

11:50

Location Code:

EISENBAC | 39

Received by:

LDF

10:07

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA65799

P.O.#:

Laboratory Data

Phoenix ID: BA65803

Project ID:

KAPLANS SCRAP YARD

Client ID:

39

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	87		%	08/18/11		JL	E160.3
Soil Extraction for PCB	Completed			08/18/11		MB/R	SW3545
Polychlorinated Biphenyls							
PCB-1016	ND	190	ug/Kg	08/19/11		МН	SW 8082
PCB-1221	ND	190	ug/Kg	08/19/11		MH	SW 8082
PCB-1232	ND	190	ug/Kg	08/19/11		MH	SW 8082
PCB-1242	ND	190	ug/Kg	08/19/11		MH	SW 8082
PCB-1248	ND	190	ug/Kg	08/19/11		MH	SW 8082
PCB-1254	ND	190	ug/Kg	08/19/11		MH	SW 8082
PCB-1260	ND	190	ug/Kg	08/19/11		MH	SW 8082
PCB-1262	ND	190	ug/Kg	08/19/11		MH	SW 8082
PCB-1268	ND	190	ug/Kg	08/19/11		MH	SW 8082
QA/QC Surrogates							
% DCBP	93		%	08/19/11		MH	30 - 150 %
% TCMX	90		%	08/19/11		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

August 25, 2011





587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Fax (860) 645-0823 Tel. (860) 645-1102



Analysis Report

August 24, 2011

FOR:

Attn: Fran Barres

Eisenbach & Ruhnke Engineering, P.C.

291 Genesee Street **Utica NY 13501**

Sample Information

Custody Information

Date

Time

Matrix:

WATER

Collected by:

08/16/11

Location Code:

EISENBAC | RINSATE Received by:

LDF

08/18/11

12:00 10:07

Rush Request:

Analyzed by:

see "By" below

SDG ID: GBA65799

P.O.#:

11502

Laboratory Data

Phoenix ID: BA65804

Project ID:

KAPLANS SCRAP YARD

Client ID:

RINSATE BLANK

Parameter	Result	RL	Units	Date	Time	Ву	Reference
PCB Extraction	Completed			08/19/11		L⁄τ	SW3510C
Polychlorinated Biphenyl	<u>s</u>						
PCB-1016	- ND	0.31	ug/L	08/22/11		MH	608/8082
PCB-1221	ND	0.31	ug/L	08/22/11		MH	608/8082
PCB-1232	ND	0.31	ug/L	08/22/11		MH	608/ 8082
PCB-1242	ND	0.31	ug/L	08/22/11		MH	608/ 8082
PCB-1248	ND	0.31	ug/L	08/22/11		MH	608/ 8082
PCB-1254	ND	0.31	ug/L	08/22/11		MH	608/ 8082
PCB-1260	ND	0.31	ug/L	08/22/11		MH	608/8082
PCB-1262	ND	0.31	ug/L	08/22/11		MH	608/8082
PCB-1268	ND	0.31	ug/L	08/22/11		MH	608/ 8082
OA/OC Surrogates							
% DCBP	86		%	08/22/11		MH	608/8082
% TCMX	86		%	08/22/11		MH	608/ 8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 25, 2011

Page 8 of 8

Ver 1

FORT FRANCES @ ERENGRING 315 735 6365 3157351916 Tage Tion 20 NJ Reduced Deliv. *
NY Enhanced (ASP B) '
Other Data Format

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Excel
Gis/Key
Cis/Key
N Hazsite EDD
ANY EZ EDD (ASP) See The second of the second o ₽ 11502 Jimo Pg Data Package 735 6365 Cailling to Silver the last to the second se Temp Project P.O. NY TAGM 4046 GW TAGM 4046 SOIL NY375 Unrestricted NY375 Restricted
Non-Residential Soil Phone #: NY375 Residential 文 Fax#: 之 34 24 9 ጷ ጷ SCRAP KARA KUHNKE Data Delivery: State where samples were collected: S Email: ☐ Non-Res. Criteria ☐ Impact to GW Soil Cleanup Criteria Res. Criteria ☐ GW Criteria FRAN BARRES Ersen 3 yeu 587 East Middle Tumpike, P.O. Box 370, Manchester, CT 06040 Email: info@phoenixlabs.com Fax (860) 645-0823 NY/NJ CHAIN OF CUSTODY RECORD KAPLANS * SURCHARGE APPLIES 1 Day*
2 Days*
3 Days*
1 1 Day*
1 1 Days*
1 1 Days*
1 1 Days* Turnaround Con . Client Services (860) 645-8726 10:07 12:00 Тітв: Invoice to: Report to: Analysis Request Project: 8-16-11 Ø 9 R 9 FNDINERRIND D B-10-1 Date: Sampled 11:50 12:00 11:30 11=35 1:47 11:40 11-91-8 11-01-8 Date Sampled 11-91-8 Sor 8-16-11 WATER 8-16-11 1 8-16-11 Date: Client Sample - Information - Identification FISENDAN & RUHNKE X=other Soll Sample Matrix 2015 SIL Seic O=oi MY 13502 N Environmental Laboratories, Inc. WW=wastewater S=soil/solid Comments, Special Requirements or Regulations: GLANK 2 Accepted by: 291 GENESBE POPELLY FE A≕air Customer Sample Identification かららん و۔ () (v 36 RINSATE 39 SL=sludge OCX 33 Clar Braces Sample # Matrix Code: DW=drinking water Relinquished by GW=groundwater 1000 Customer: Address: Phoenix Sampler's Signature

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APPENDIX F

Community Air Monitoring Report

APPENDIX 1A

New York State Department of Health Generic Community Air Monitoring Plan

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical-specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

All 15-minute readings must be recorded and be available for State (DEC and DOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m³) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m³ above the upwind level and provided that no visible dust is migrating from the work area.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m³ above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m³ of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (DEC and DOH) personnel to review.

COMMUNITY AIR MONITORING

Kaplan's Scrap Yard

NYS Order # B9-0727-06-08

Date: 07-25-11 Weather: 82°F, Rain Wind Direction: North

Upwind: Avg/Max Aerosol=Equipment Malfunction (note 2) Avg VOC's= Not collected

Downwind: Avg/Max Aerosol= -0.016/0.012 mg/m³ Avg VOC's= 0.0 ppm Location #1 on CAM 1(note 5)

Work Area: Avg/Max Aerosol= No Data collected Avg VOC's= 0.0 ppm Location #2 on CAM 1(note 5)

Date: 07-26-11 Weather: 82°F, Rain Wind Direction: North

Upwind: Avg/Max Aerosol= Equipment Malfunction (note 2) Avg VOC's= Not collected

Downwind: Avg/Max Aerosol= Equipment Malfunction (note 3) Avg VOC's= 0.0 ppm Location #1 on CAM 1(note 5)

Work Area: Avg/Max Aerosol= No Data collected Avg VOC's= 0.0 ppm Location #2 on CAM 1(note 5)

<u>Date: 07-27-11</u> Weather: 82°F, Partly Cloudy Wind Direction: North

Upwind: Avg/Max Aerosol= Equipment Malfunction (note 2) Avg VOC's= Not collected

Downwind: Avg/Max Aerosol= Equipment Malfunction (note 3) Avg VOC's= 0.0 ppm Location #1 on CAM 1(note 5)

Work Area: Avg/Max Aerosol= No Data collected Avg VOC's= 0.0 ppm Location #2 on CAM 1(note 5)

Date: 08-16-11 Weather: 82°F, Rain Wind Direction: North

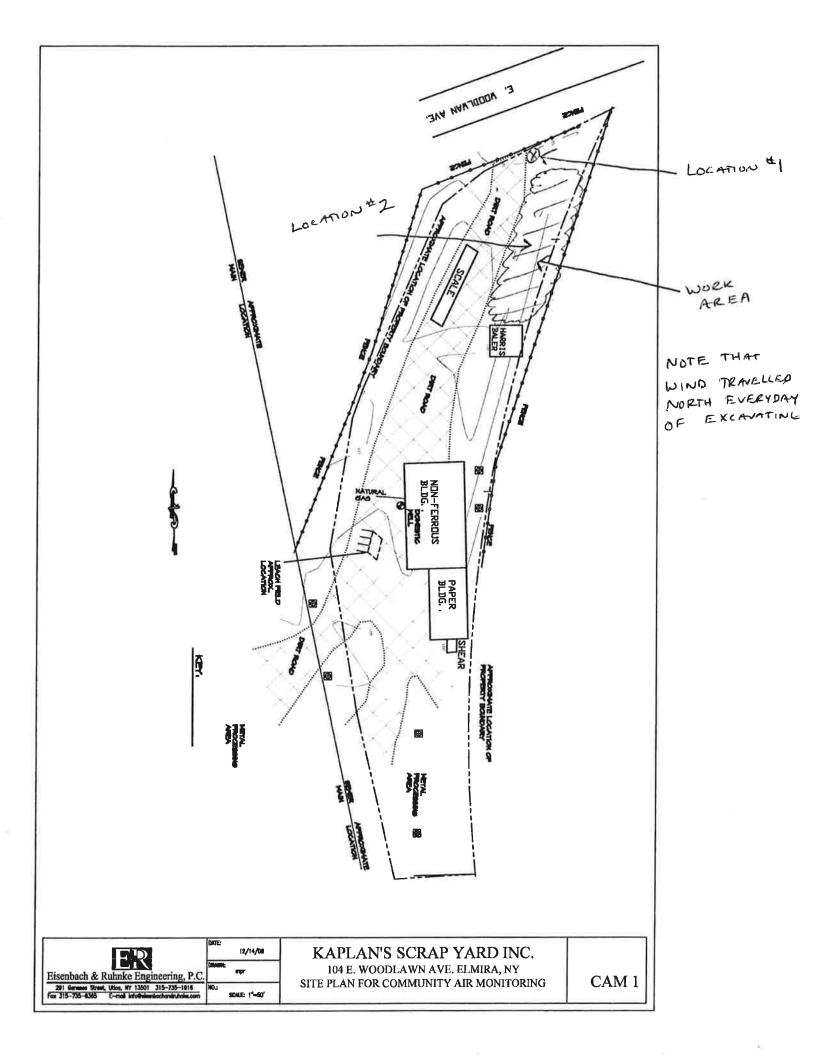
Upwind: Avg/Max Aerosol=No Data collected (note 4) Avg VOC's= Not collected

Downwind: Avg/Max Aerosol= No Data collected (note 4) Avg VOC's= 0.0 ppm Location #1 on CAM 1(note 5)

Work Area: Avg/Max Aerosol= No Data collected Avg VOC's= 0.0 ppm Location #2 on CAM 1(note 5)

Notes:

- 1.) TSI DustTrak 8520 (serial number 85200169) was used to monitor the air quality downwind.
- 2.) Air was not monitored upwind due to equipment malfunction.
- 3.) The equipment was monitoring but did not record the data on July 26 and 27 due to malfunction. The air monitored on July 26 and 27 was reviewed by the field engineer throughout the day to confirm levels. The levels detected on those days were similar to those recorded on July 25.
- 4.) Air was not monitored for Aerosol on August 16 due to limited work and sufficient dust control.
- 5.) Sample locations are found on the Site Plan for Community Air Monitoring (CAM 1)





CERTIFICATE OF CALIBRATION AND TESTING

FSF Incorporated, 500 Cardigan Road, Shoreview, MN 55126 USA Feb. 1-800-974-2811 1 651-490-2811 haz: 1-651-490-3824 http://www.tsi.com

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the reserve Parsine	A 38 (9/2 to)	nrtg (lifta)	Serial Number		85200169
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H Finoi Laucium

January 27, 2011

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Unic



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services, Inc.

92 North Main St, Building 20 Windsor, NJ 08561 Toll-free: (800) 301-9663

Pine Environmental Services, Inc.

Instrument ID 5432

Description TSI DustTrak 8520

Calibrated 7/19/2011

Manufacturer Tsi

Model Number 8520

Serial Number/Lot 85200169

Number

Location New Jersey

Department

State Certified

Status Pass

Temp °C 25

Humidity % 36

Calibration Specifications

Group # 1

Group Name

Test Performed: Yes

As Found Result: Pass

As Left Result: Pass

Test Instruments Used During the Calibration

(As Of Cal Entry Date)

Test Standard ID Description

Manufacturer

Model Number

Serial Number /
Lot Number

<u>Next Cal Date /</u>
<u>ast Cal Date Expiration Date</u>

Opened Date

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Curtis Childs

All instruments are calibrated by Pine Environmental Services, Inc. according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services, Inc. of any defect within 24 hours of receipt of equipment Please call 866-960-7463 for Technical Assistance

Instrument		Data Prop	erties
Model	Dust Trak	Start Date	07/25/2011
Meter S/N	85200169	Start Time	11:06:55
		Stop Date	07/25/2011
		Stop Time	15:36:55
		Total Time	0:04:30:00
		Logging Interval	900 seconds

Test Data				
Sample	Date	Time	Aerosol mg/m^3	
1	07/25/2011	11:21:55	-0.004	
2	07/25/2011	11:36:55	-0.009	
3	07/25/2011	11:51:55	-0.002	
4	07/25/2011	12:06:55	-0.004	
5	07/25/2011	12:21:55	0.000	
6	07/25/2011	12:36:55	-0.006	
7	07/25/2011	12:51:55	-0.005	
8	07/25/2011	13:06:55	0.012	
9	07/25/2011	13:21:55	0.007	
10	07/25/2011	13:36:55	-0.012	
11	07/25/2011	13:51:55	0.004	
12	07/25/2011	14:06:55	-0.033	
13	07/25/2011	14:21:55	-0.043	
14	07/25/2011	14:36:55	-0.039	
15	07/25/2011	14:51:55	-0.037	
16	07/25/2011	15:06:55	-0.040	
17	07/25/2011	15:21:55	-0.038	
18	07/25/2011	15:36:55	-0.032	

about:blank 7/29/2011

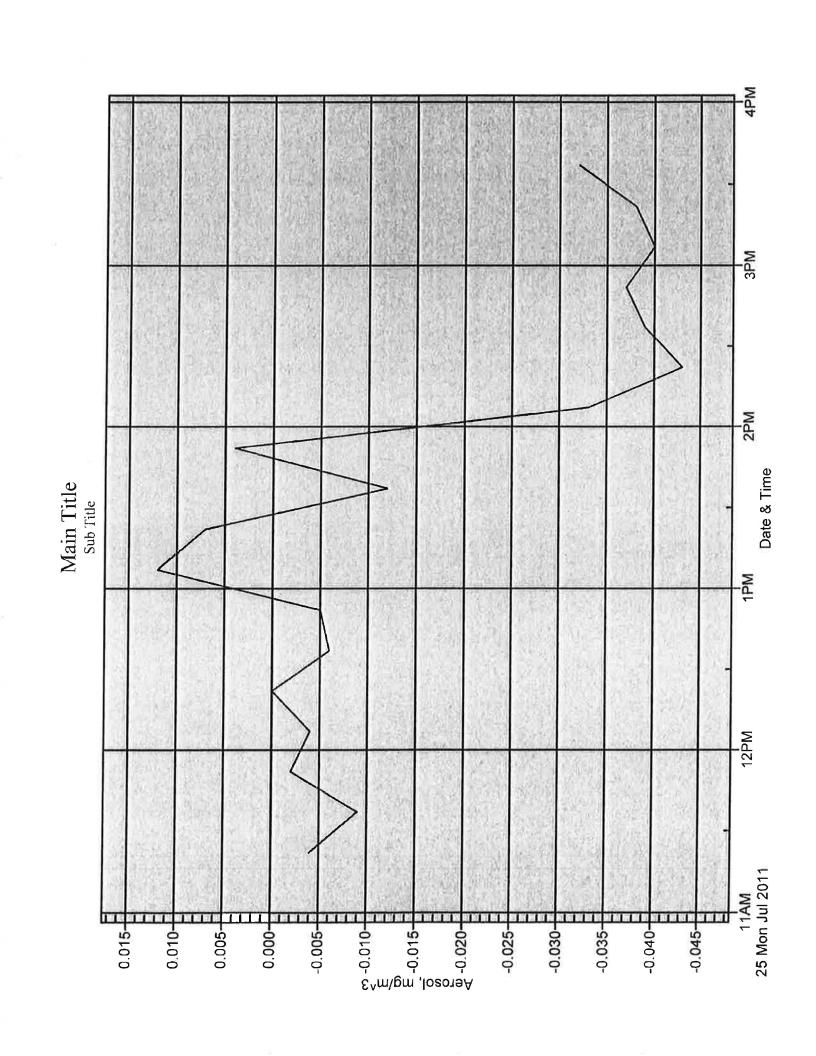
Instrument		Data Properties	
Model	Dust Trak	Start Date	07/25/2011
Meter S/N	85200169	Start Time	11:06:55
		Stop Date	07/25/2011
		Stop Time	15:36:55
		Total Time	0:04:30:00
		Logging Interval	900 seconds

Statistics		
	Aerosol	
Ave	-0.016 mg/m^3	
Max	0.012 mg/m^3	
Max Date	07/25/2011	
Max Time	13:06:55	
Min	-0.043 mg/m^3	
Min Date	07/25/2011	
Min Time	14:21:55	
TWA (8 hr)	-0.009	
TWA Start Date	07/25/2011	
TWA Start Time	11:06:55	
TWA End Time	15:36:55	

Test Data				
Sample	Date	Time	Aerosol mg/m^3	
1	07/25/2011	11:21:55	-0.004	
2	07/25/2011	11:36:55	-0.009	
3	07/25/2011	11:51:65	-0.002	
4	07/25/2011	12:06:55	-0.004	
5	07/25/2011	12:21:55	0.000	
6	07/25/2011	12:36:55	-0.006	
7	07/25/2011	12:51:55	-0.005	
8	07/25/2011	13:06:55	0.012	
9	07/25/2011	13:21:55	0.007	
10	07/25/2011	13:36:55	-0.012	
11	07/25/2011	13:51:55	0,004	
12	07/25/2011	14:06:55	-0.033	
13	07/25/2011	14:21:55	-0.043	
14	07/25/2011	14:36:55	-0.039	
15	07/25/2011	14:51:55	-0.037	
16	07/25/2011	15:06:55	-0.040	
17	07/25/2011	15:21:55	-0.038	
18	07/25/2011	15:36:55	-0.032	

instrument		Data Properties	
Model	Dust Trak	Start Date	07/25/2011
Meter S/N	85200169	Start Time	11:06:55
		Stop Date	07/25/2011
		Stop Time	15:36:55
		Total Time	0:04:30:00
		Logging Interval	900 seconds

Statistics		
	Aerosol	
Ave	-0.016 mg/m^3	
Max	0.012 mg/m^3	
Max Date	07/25/2011	
Max Time	13:06:55	
Min	-0.043 mg/m ³	
Min Date	07/25/2011	
Min Time	14:21:55	
TWA (8 hr)	-0.009	
TWA Start Date	07/25/2011	
TWA Start Time	11:06:55	
TWA End Time	15:36:55	



Instr	ument	Data Prop	perties
Model	Dust Trak	Start Date	07/25/2011
Meter S/N	85200169	Start Time	11:06:55
		Stop Date	07/25/2011
		Stop Time	15:36:55
		Total Time	0:04:30:00
		Logging Interval	900 seconds

Statistics		
	Aerosol	
Ave	-0.016 mg/m^3	
Max	0.012 mg/m^3	
Max Date	07/25/2011	
Max Time	13:06:55	
Min	-0.043 mg/m^3	
Min Date	07/25/2011	
Min Time	14:21:55	
TWA (8 hr)	-0.009	
TWA Start Date	07/25/2011	
TWA Start Time	11:06:55	
TWA End Time	15:36:55	

APPENDIX G

Decontamination Sampling and Russo Development Submittals



Equipment Decor Wipe Sample Cover Page 7/27/2011

Analytical Report Cover Page

Russo Development

For Lab Project # 11-3135 Issued August 2, 2011 This report contains a total of 5 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report, Please refer to the following list of frequently used data flags and their meaning:

- "<" = analyzed for but not detected at or above the reporting limit.
- "E" = Result has been estimated, calibration limit exceeded.
- "Z" = See case narrative.
- "D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
- "M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
- "B" = Method blank contained trace levels of analyte. Refer to included method blank report.



Client: Russo Development

Client Job Site:

Kaplans

Lab Project Number:

11-3135

Client Job Number:

N/A

Lab Sample Number:

10322

Field Location:

Truck

Date Sampled:

07/27/2011

Field ID Number:

N/A

Date Received:

07/29/2011

Sample Type:

Wipe

Date Analyzed:

08/01/2011

PCB Identification	Results in ug / Wipe
Aroclor 1016	< 1.00
Aroclor 1221	< 1.00
Aroclor 1232	< 1.00
Aroclor 1242	< 1.00
Aroclor 1248	< 1.00
Aroclor 1254	< 1.00
Aroclor 1260	< 1.00

ELAP Number 10958

Analytical Method: EPA 8082A

Prep Method: EPA 3550C

Comments: ug / Wipe = microgram per Wipe

Signature:

Bruce Hoogesteger: Rennical Director
This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. 113135P1.XLS



Client: Russo Development

Client Job Site: Kaplans Lab Project Number:

11-3135

Client Job Number:

N/A

Lab Sample Number:

10323

Fleld Location:

Bucket

Date Sampled:

07/27/2011

Field ID Number: Sample Type:

N/A Wipe

Date Received:

07/29/2011

Date Analyzed:

08/01/2011

PCB Identification	Results in ug / Wipe
Aroclor 1016	< 1.00
Aroclor 1221	< 1.00
Aroclor 1232	< 1.00
Aroclor 1242	< 1.00
Aroclor 1248	< 1.00
Aroclor 1254	1.10
Aroclor 1260	< 1.00

ELAP Number 10958

Analytical Method: EPA 8082A

Prep Method: EPA 3550C

the The ors form

Comments: ug / Wipe = microgram per Wipe

Signature:

Bruce Hoogesteger: Technical Director
This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. 113135P2 XLS



Client: Russo Development

Client Job Site:

Kaplans

Lab Project Number: Lab Sample Number: 11-3135

10324

Client Job Number:

N/A Field Location: House

N/A

Date Sampled:

07/27/2011

Field ID Number: Sample Type:

Wipe

Date Received:

07/29/2011

Date Analyzed:

08/01/2011

PCB Identification	Results in ug / Wipe
Aroclor 1016	< 1.00
Aroclor 1221	< 1.00
Aroclor 1232	< 1.00
Aroclor 1242	< 1.00
Aroclor 1248	< 1.00
Aroclor 1254	< 1.00
Aroclor 1260	< 1.00

ELAP Number 10958

Analytical Method: EPA 8082A

Prep Method: EPA 3550C

Comments: ug / Wipe = microgram per Wipe

Signature:

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

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Equipment Decon Wipe Simple 8/16/2011

Analytical Report Cover Page

Russo Development

For Lab Project # 11-3477
Issued August 22, 2011
This report contains a total of 5 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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- "Z" = See case narrative.
- "D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
- "M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
- "B" = Method blank contained trace levels of analyte. Refer to included method blank report.



Client: Russo Development

Client Job Site:

Kaplans

Lab Project Number:

11-3477

Client Job Number:

11957

Lab Sample Number:

11373

Field Location:

Track

Date Sampled:

08/16/2011

Field ID Number:

N/A

Date Received:

08/18/2011

Sample Type:

Wipe

Date Analyzed:

08/21/2011

PCB Identification	Results in ug / Wipe
Aroclor 1016	< 1.00
Aroclor 1221	< 1.00
Aroclor 1232	< 1.00
Aroclor 1242	< 1.00
Aroclor 1248	< 1.00
Aroclor 1254	< 1.00
Aroclor 1260	< 1.00
1	

ELAP Number 10958

Analytical Method: EPA 8082A Prep Method: EPA 3550C

Comments: ug / Wipe = microgram per Wipe

Signature:

Bruce Hoogesteger: Technical Director
This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compilance with sample condition 113477P1.XLS requirements upon receipt.

179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Wipes

Client: Russo Development

Client Job Site: Kaplans Lab Project Number:

11-3477

Client Job Number:

11957

Lab Sample Number:

11374

Fleld Location:

Bucket

Date Sampled:

08/16/2011

Fleld ID Number: Sample Type:

N/A Wipe

Date Received:

08/18/2011

Date Analyzed:

08/21/2011

PCB Identification	Results in ug / Wipe
Aroclor 1016	< 1.00
Aroclor 1221	< 1.00
Aroclor 1232	< 1.00
Aroclor 1242	< 1.00
Aroclor 1248	< 1.00
Aroclor 1254	< 1.00
Aroclor 1260	< 1.00

ELAP Number 10958

Analytical Method: EPA 8082A Prep Method: EPA 3550C

Comments: ug / Wipe = microgram per Wipe

Signature:

Bruce Hoogesteger: Technical Director
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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Wipes

Client: Russo Development

Client Job Site: Kaplans Lab Project Number:

11-3477

Lab Sample Number:

11375

Client Job Number: Field Location:

11957

Date Sampled:

08/16/2011

Field ID Number: Sample Type:

House N/A Wipe

Date Received:

08/18/2011

Date Analyzed:

08/21/2011

PCB Identification	Results in ug / Wipe
Aroclor 1016	< 1.00
Aroclor 1221	< 1.00
Aroclor 1232	< 1.00
Aroclor 1242	< 1.00
Aroclor 1248	< 1.00
Aroclor 1254	< 1.00
Arocior 1260	< 1.00

ELAP Number 10958

Analytical Method: EPA 8082A Prep Method: EPA 3550C

Comments: ug / Wipe = microgram per Wipe

Signature:

Bruce Hoogesteger: Technical Director

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113477P3.XLS requirements upon receipt.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

LAB PROJECT #: CLIEN		ATE: ZIP: TURNAROUND TIME: (WORKING DAYS)	STD OTHER		Quotation #		PARADIGM LAB SAMPLE NUMBER		PARADIGM LAB SAMPLE NUMBE T S 1 1 3 7
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Temperature:

Holding Time:

Container Type:

Preservation:



Jecon Pad Wipe Sample Spy/2011

Analytical Report Cover Page

Russo Development

For Lab Project # 11-3570 Issued August 26, 2011 This report contains a total of 3 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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[&]quot;E" = Result has been estimated, calibration limit exceeded.

[&]quot;Z" = See case narrative.

[&]quot;D" = Duplicate results outside QC limits, May indicate a non-homogenous matrix.

[&]quot;M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

[&]quot;B" = Method blank contained trace levels of analyte. Refer to included method blank report.



Client: Russo Development

Client Job Site:

Kaplans Scrap Yard

Lab Project Number: Lab Sample Number:

11-3570 11655

Client Job Number:

Field Location:

Decon Pad

Date Sampled:

08/24/2011

Field ID Number: Sample Type:

N/A Wipe

N/A

Date Received:

08/25/2011

Date Analyzed:

08/25/2011

ug / Wipe
.00
.00
.00
.00
.00
.00
.00

ELAP Number 10958

Analytical Method; EPA 8082A Prep Method: EPA 3550C

Decr Ina

Comments: ug / Wipe = microgram per Wipe

Signature:

Bruce Hoogesteger: Technical Director
This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition 113570P1.XLS requirements upon receipt.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

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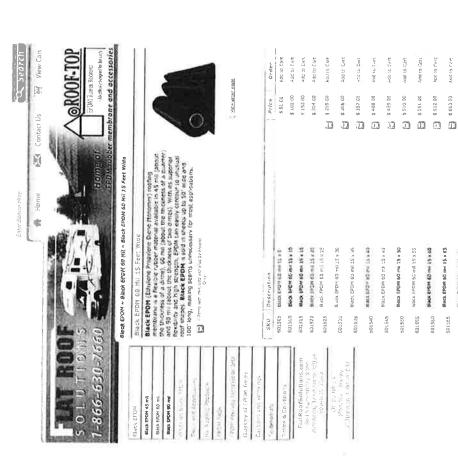
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Steve Zydel Issued To:

In Accordance With 29 CFR 1910.120 Completion Date: 3/19/11

HAZWOPER REFRESHER TRAINING TRAINING CERTIFICATION



Darren Martin

Issued To:

In Accordance With 29 CFR 1910.120 Completion Date: 3/19/11

HAZWOPER REFRESHER TRAININ TRAINING CERTIFICATION



Bill Sills

In Accordance With 29 CFR 1910.120 Completion Date: 3/19/11

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Jeff SIIIs issued To:

In Accordance With 29 CFR 1910.120 Completion Date: 3/19/11

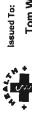
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Eric Warren Issued To:

In Accordance With 29 CFR 1910.120 Completion Date: 3/19/11

HAZWOPER REFRESHER TRAINING TRAINING CERTIFICATION



Tom Woelfie

In Accordance With 29 CFR 1910.120 Completion Date: 3/19/11

SUBMITTAL ITEM COVER SHEFT

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CERTIFICATE OF LIABILITY INSURANCE

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CANCELLATION

CERTIFICATE HOLDER

Kaplans Scrap Yard 104 E. Woodlawn Ave: Elmira, NY 14907

SHOULDANY OF THE ABOVE DESCRIBED POLICIES BE CANGELED BEFORE THE EXPRENTION DAYS THERRED IN ACCORDANCE WITH THE POLICY PROVISIONS.

ACORD 25 (2009/09) INS025 (200809)

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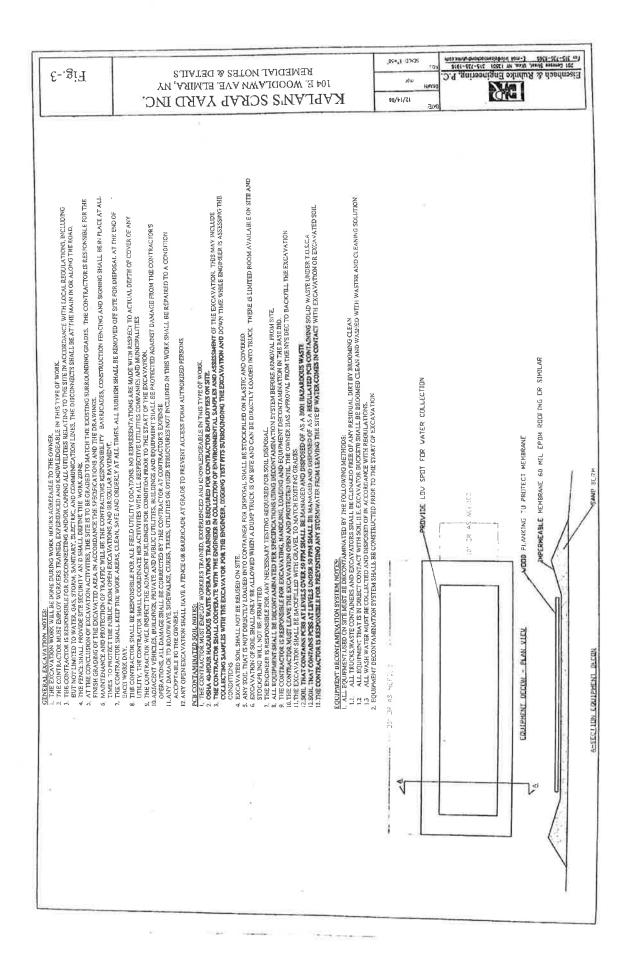
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SUBMITTAL ITEM COVER SHEET

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APPENDIX H

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