FILE COPY

SITE REMEDIATION REPORT

Kellum Property
412 Lee Avenue
Crystal Springs, Mississippi

Prepared for

BorgWarner Inc.

February 2002

GeoEnvironmental Associates, LLC | MARTIN & SLAGLE

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PO Box 1023
Black Mountain, North Carolina

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Project Manager

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SECTION 1.0 EXECUTIVE SUMMARY

The soil on the Kellum property, located at 412 Lee Avenue, Crystal Springs, Mississippi, and consisting of approximately 0.14 acres, was found to contain concentrations of polychlorinated biphenyls (PCBs) during sampling events conducted in August 2000. The concentrations in the north portion of the property along Lee Avenue and in the side yard east of the Kellum house exceeded the standard of 1.0 mg/kg established by Mississippi Department of Environmental Quality (MDEQ) for PCBs in soils on residential properties. PCBs were also detected in the root zone of a large hackberry tree located on the west property line immediately south of Lee Avenue.

During the site assessment a total of 35 soil samples from 15 different locations were collected from the site and analyzed. Wipe samples were collected from yard furniture, handrail, barbeque grill, and landscaping border stones. Eight soil samples were found to have concentrations of PCBs ranging from 1.6 to 16 mg/kg, and one wipe sample indicated that the landscaping stones had detectable concentrations of PCBs on their surfaces.

The entire front yard, both side yards and the greater portion of backyard were excavated to an average depth of 1.5 feet below ground surface (bgs). Excavation continued until on-site laboratory analytical results confirmed that all soil containing concentrations of PCBs exceeding the residential cleanup thresholds was removed. The analytical results indicate that all soil containing PCB concentrations of 1.0 mg/kg or greater were removed from the Kellum property.

The roots around the hackberry tree located on the northeast corner of the property were decontaminated using an "Air-Shovel™" pressure washer/vacuum system. Contaminated soil removed by the pressure washer was vacuumed into a tank, properly disposed of, and replaced with clean backfill. Contaminated soil was disposed of in the BFI "Little Dixie" Subtitle D landfill in accordance with all applicable state and federal regulations.

All yard and landscape articles made of concrete and wood were disposed of and replaced with new. All yard and landscape articles made of glass and smooth plastic were decontaminated using pressurized steam.

Confirmatory soil samples were collected following excavation and decontamination to confirm that impacted soil had been removed and yard and landscape articles were properly decontaminated. A total of 51 floor samples and 41 sidewall soil samples, and 119 wipe samples were collected following removal of soil and decontamination of yard and landscape articles. All samples were collected and managed in accordance with USEPA Region IV Environmental Investigation Standard Operating Procedure and Quality Assurance Manual (EISOPQAM) protocols.

After confirmation results indicated that the remediation objective was met, the excavation was backfilled with analytically confirmed clean soil. The surface of the remediation area was covered with fresh sod and the area landscaped. All decontaminated yard and landscape articles were replaced on the Kellum property.

On May 18, 2001 the Kellum property was effectively remediated by removal of soil containing PCB concentrations in excess of 1.0 mg/kg in accordance with MDEQ established cleanup criteria and supervision and by decontamination of non-porous yard and landscape articles. Controls were also incorporated for dust and stormwater run-off potential during and after completion of remediation activities. Based on the MDEQ criteria, no further action is warranted at the Kellum property.

2.0 INTRODUCTION

The soil on the Kellum property was found to contain concentrations of polychlorinated biphenyls (PCBs) during sampling events conducted in August 2000. The concentrations in some areas of the property exceeded the standard of 1 mg/kg established by MDEQ for PCBs in soils on residential properties. The soil containing concentrations of PCBs in excess of 1 mg/kg was remediated by removal and replacement with clean soil. Initial wipe sampling of landscape border stones and yard furniture indicated that detectable levels of PCBs were present on the surface of these articles. All furniture and yard landscaping articles constructed of non-porous substances such as plastic, glass, and metal were decontaminated by pressure steam cleaning. All porous yard and landscape articles were disposed of. This report describes the remediation process and results of soil analytical results. The report also includes maps showing sample locations and the areas of remediation.

2.1 Background

The KEC facility was constructed and has been operated as a transformer manufacturing plant since the 1950s by KEC or its predecessor, a corporate entity also named Kuhlman Electric Corporation. KEC continued to own and operate the plant in March 1999 when BorgWarner Inc. purchased Kuhlman Corporation, the parent of KEC, and thereafter as well. Seven months later, on October 1, 1999, BorgWarner and Kuhlman Corporation sold KEC's stock to KEC Acquisition Corporation. BorgWarner and Kuhlman Corporation indemnified KEC, KEC Acquisition Corporation and their affiliates for historic contamination at the site and may, under the purchase agreement, control any remediation of such contamination. None of BorgWarner, Kuhlman Corporation or KEC Acquisition Corporation has ever owned or operated the plant.

During routine construction activities at KEC's plant in Crystal Springs, Mississippi, construction personnel encountered soil that had been impacted by unknown chemicals. KEC reported that construction activities were immediately halted, and two soil samples

were collected by representatives of KEC and sent to an independent laboratory for analysis. KEC reported the detection of PCB, in the stained soils, along with various chlorinated benzenes.

On April 19, 2000, BorgWarner received notification from KEC in accordance with the purchase agreement that areas of contaminated soil had been found in Crystal Springs, Mississippi. BorgWarner responded by sending a representative to meet with KEC plant representatives and a representative from Mississippi Department of Environmental Quality (MDEQ), Eric Dear, on April 25, 2000. During this meeting all parties were briefed on the existing situation at the plant and MDEQ's expectations regarding assessment of the site.

In May 2000, a preliminary assessment of the KEC property was conducted. The goal of this preliminary assessment was to:

- Determine the character and concentration of the contaminants in various environmental media on-site,
- Determine if contaminants might have migrated from the site, and,
- Identify and conduct any immediate response actions necessary to alleviate public exposure to the contaminants.

The results of the preliminary assessment indicated a likelihood that PCBs had migrated off site and on to adjacent residential properties. An assessment of the adjacent properties was initiated and remedial activities were completed on seven properties, including the Kellum Property with confirmed concentrations of PCBs exceeding the residential cleanup thresholds.

2.2 Site Description

The Kellum property is located at 414 Lee Avenue, Crystal Springs, Mississippi and consists of approximately 0.14 acres. The site includes a single story wood frame house that covers about 30% of the property (Figure 2), and is situated across Lee Avenue and approximately 75 feet southeast from the parking lot entrance of the KEC facility. The property is generally flat and drains to the east. PCB concentrations exceeding the residential cleanup thresholds were found in the grassy area between Lee Avenue and the front of the Kellum house. They were also found in the grassy area between the house and the Garment shop, directly east of the Kellum property.

2.3 Previous Investigative Activities

The initial investigation of the Kellum Property occurred on August 25, 2000. Thirty-five soil samples were collected in fifteen locations from depths of 0.5 feet and 4 feet below ground surface (bgs) at each location. Samples were collected using either a direct-push soil sampler or a hand auger. A detailed description of sampling techniques used during the assessment is included in the *Preliminary Site Characterization Report* (Ogden 2000).

Samples were analyzed by the on site laboratory for PCBs using a modified EPA Method 8080. Ten percent of the samples were split by the field geologist for confirmation analysis by the fixed-base laboratory, Paradigm Analytical Labs (Paradigm) located in Wilmington, North Carolina. All sampling as performed in accordance with EPA Region IV Environmental Investigation Standard Operating Procedures and Quality Assurance Manual (EISQAM).

The results of laboratory analysis of the soil samples confirmed the presence of PCBs in eight shallow soil samples (DP-530, DP-531, DP-532, DP-533, DP-534, DP-535, DP-536, and DP-559) above the residential cleanup threshold. Some of the contaminated soil

was located within the root system of a hackberry tree on the northeast corner of the Kellum property.

Remedial activities were conducted between May 15, 2001 and May 18, 2001. Impacted soil was excavated from open areas of the yard and from around the roots of a hackberry tree using an "Air-Shovel™" pressure washer/vacuum system. Contaminated soil removed by the pressure washer was vacuumed into a tank and transferred to a roll-off box located on the KEC property. Soil removal continued until on site laboratory analytical results confirmed that all soil containing concentrations of PCBs exceeding the residential cleanup thresholds established by MDEQ was removed. Yard and landscape non-porous articles were effectively decontaminated; yard and landscape porous articles were properly disposed of.

SECTION 5.0 REMEDIATION AND DISPOSAL

Remediation of the Kellum property, on Lee Avenue, began on May 15, 2001. Remediation of this property involved removal and disposal of contaminated soil, removal and disposal of porous yard and landscaping articles and decontamination of non-porous yard furniture and landscaping articles. Contaminated soil was removed by excavation using a trackhoe and front-end loader to the property line common with the Garment Shop property to the east, north to edge of Lee Avenue, west to the property line common with the Newman Duplex and south to the fence line in the backyard. While no PCBs were detected in the backyard at concentrations above the remedial goal, the property owners indicated that soil with possible PCB contamination might have been deposited in this area to fill holes in the yard. The Kellums could not identify the locations of the backfilled holes; therefore, the backyard was excavated.

Disposal of all soil containing PCB concentrations of 1.0 milligram per kilogram (mg/kg) or greater was conducted in accordance with MDEQ's established clean-up criteria for residential properties, and MDEQ supervision. All soils containing concentrations greater than 1 mg/kg of PCBs and yard and landscaping articles that could not be decontaminated were profiled and disposed of at the BFI's "Little Dixie" Subtitle D Landfill in Madison County, Mississippi after MDEQ and US EPA approvals were obtained.

Contaminated soil was encountered in the roots of a hackberry tree located on the northeast corner of the property adjacent to the Garment Shop property line. Impacted soil was removed from around tree roots using an "Air-Shovel™" pressure washer/vacuum system. Contaminated soil removed by the pressure washer was vacuumed into a tank and transferred to a roll-off box located on the KEC property.

The slurry of water and soil created during root washing was solidified by mixing the slurry with "ASTROGEL", a sorbent material consisting of polyacrylamide and sodium polyacrylate copolymer produced by Astro American Chemical Co, Inc., and properly

disposed. The solidified soil/water slurry was disposed of in the BFI "Little Dixie" Subtitle D landfill located in Ridgeland, Mississippi in accordance with all applicable state and federal regulations.

Wipe samples were collected from yard furniture, handrails, barbeque grill, and landscaping border stones during the assessment of the property. All yard and landscaping articles with detectable levels of PCBs were removed from the Kellum property and either disposed of if porous or decontaminated if non-porous. Wipe sampling indicated that all non-porous yard and landscaping articles that were returned to the site were properly decontaminated. A total of 263.12 tons of waste from the Kellum Property was disposed at the landfill. Waste disposal manifests are included in Appendix 3.

After confirmation results indicated that the remediation objective was met, the excavation was backfilled with analytically confirmed clean soil. The surface of the remediation area was covered with fresh sod and landscaped. Photographs showing details of remediation are included in Appendix 4.

SECTION 3.0 SAMPLING PROGRAM – LOCATION AND RATIONALE

Remediation of the Kellum property, on 412 Lee Avenue, began on May 15, 2001. Remediation of this property involved removal and disposal of all soil containing PCB concentrations of 1.0 mg/kg or greater in accordance with MDEQ's established cleanup criteria for residential properties and MDEQ supervision. All soils containing greater than 1 mg/kg of PCB concentrations were profiled and disposed of at the BFI's "Little Dixie", Subtitle "D" Landfill in Madison County, Mississippi after MDEQ and US EPA approvals were obtained. All yard and landscaping articles, including landscaping borders, pavers, and birdbaths etc., made of concrete and wood were disposed of and replaced with new. All yard and landscaping articles made of glass and smooth plastic were decontaminated using pressurized steam and wipe sampled to confirm that decontamination was effective.

Following excavation of contaminated soil, all excavated areas were sampled to confirm that impacted soil was removed. In correspondence regarding disposal requirements, Craig Brown of US EPA Region IV, stated that the excavated soils did not meet the definition of "PCB remediation waste." Under this definition, the remediation activities fell under the management criteria and guidelines set by MDEQ. Remediation was based on criteria established in the *State of Michigan Department of Environmental Quality, Waste Management Division, Guidance Document, Verification of Soil Remediation, April 1994, Revision 1*, as adopted by Mississippi DEQ for use on remediation projects of this nature.

The guidance document provides a procedure for establishing a soil-sampling grid for confirmation that cleanup goals were met or were exceeded. The procedure applies to sites with a surface area less than 10,890 square feet. The procedure involves a biased approach to sampling, i.e. collecting samples from the point of a known release, such as a tank leak or surface spill.

The remediation area of the excavation floor on the Kellum property was approximately 5132 ft^2. The area of the sidewall surrounding the excavation was about 881 ft^2. The guidance defined the minimum number of floor samples for this size of site to be seven and the minimum number of sidewall samples to be five.

A total of 51 floor samples, 41 sidewall soil samples, and 119 wipe were collected following removal of soil to a depth of approximately 1.5 feet and decontamination of yard objects. All samples were collected in accordance with EPA Region IV EISOPQAM. Sample locations are shown in Figure 2. Split samples and blind duplicate samples were collected for laboratory quality assurance. The analytical results indicate that all soil containing PCB concentrations of 1.0 mg/kg or greater and all porous landscaping articles with detectable levels of PCBs were removed from the Kellum property. Wipe sampling also indicated that all decontaminated landscaping articles that were returned to the site were properly decontaminated. Table 1 contains analytical results that confirm remediation, and Appendix 1 contains data sheets of all samples collected during the remediation process.

SECTION 4.0 ANALYTICAL PROGRAM

All soil samples were collected and managed in accordance with USEPA Region IV EISOPQAM protocols. Samples were collected using clean sampling equipment. Equipment rinseate samples were collected and analyzed to confirm the effectiveness of the decontamination procedures.

Each sample was assigned a unique sample identification designation in accordance with the labeling requirements under section 3.2.1 of the EISOPQAM. Field records were kept in accordance with procedures specified in section 3.5 of EISOPQAM. The sample identification designation, date, and time of collection was recorded in the field book and on the chain of custody form for cross-referencing.

Upon collection, samples were placed in 4 oz amber glass jars, and the jars were transferred to a small sample cooler. Field personnel delivered samples to the on-site lab several times each day. Upon arrival at the on-site lab, the samples were transferred to the ECCS sample custodian who logged each sample on ECCS chain of custody forms. Each sample was assigned a unique ECCS internal ID for tracking purposes. After analysis, the samples were transferred to either a sample refrigerator in the on-site lab or stored in coolers until they were either sent to Paradigm for confirmation analysis or disposed of on-site. Chain of custody forms were completed for all samples packaged and shipped to Paradigm for confirmation analysis. Chain of Custody forms are included in Appendix 2.

Analytical Methods

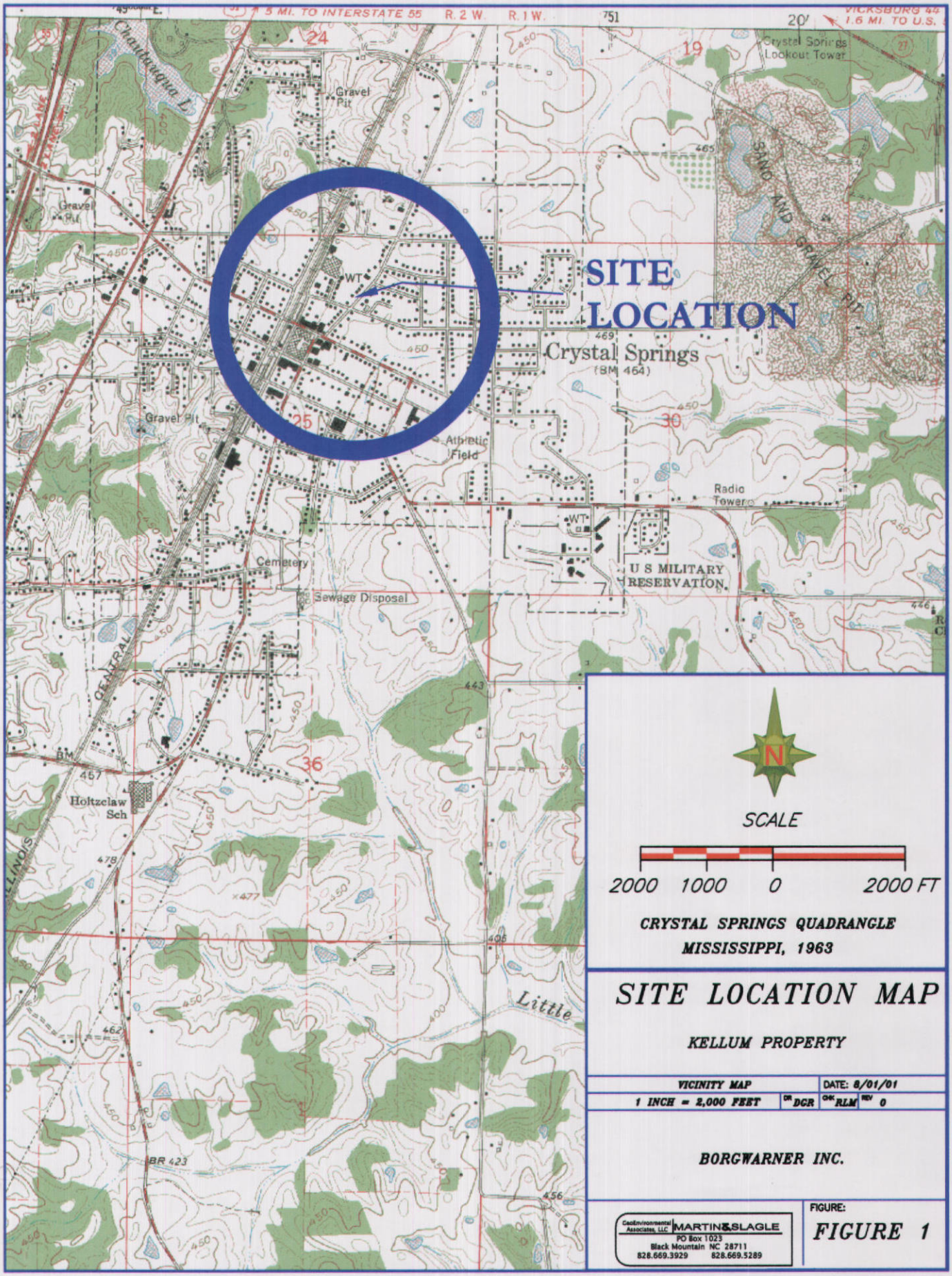
For analysis of samples in the on-site lab, ECCS used EPA 8082m, modified for the mini-extraction.

Paradigm Analytical also used EPA 8082 for quantitation of PCBs.

SECTION 6.0 SUMMARY AND CONCLUSIONS

On May 21, 2001 the Kellum property was effectively remediated by removal and proper disposal of soil containing PCB concentrations of 1 mg/kg or greater in accordance with the MDEQ established residential property cleanup criteria and supervision. All yard and landscaping articles yard furniture and miscellaneous objects were either properly decontaminated or, if they could not be decontaminated, were properly disposed. Confirmation sampling in the impacted area was performed in accordance with applicable state requirements to demonstrate that the remediation goals were met.

Based on the MDEQ criteria no further action is warranted at the Kellum property.



SITE LOCATION MAP

KELLUM PROPERTY

VICINITY MAP		DATE: 8/01/01
1 INCH = 2,000 FEET	DR DGR CHK RLM REV 0	

BORGWARNER INC.

CapEnvironmental Associates, LLC
MARTIN & SLAGLE
PO Box 1023
Black Mountain NC 28711
828.669.3929 828.669.5289

FIGURE:

FIGURE 1

TABLE 1
SUMMARY OF DATA SHOWING CONFIRMATION OF REMEDIATION
KELLUM PROPERTY

				Field Laboratory		Fixed Laboratory	
Field Lab Sample ID	Sample ID	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
1841	PKP-ES-001	4/17/2001	1004	4/17/2001	3.8		
1842	PKP-ES-002	4/17/2001	1005	4/17/2001	4.9 E		
1843	PKP-ES-003	4/17/2001	1006	4/17/2001	5.0 E	4/20/2001	0.770
1844	PKP-EFS-001	4/17/2001	1305	4/17/2001	<0.10		
1845	PKP-EFS-002	4/17/2001	1307	4/17/2001	<0.10		
1846	PKP-EFS-003	4/17/2001	1310	4/17/2001	<0.10		
1847	PKP-EFS-004	4/17/2001	1605	4/17/2001	<0.10	4/20/2001	<0.190
1848	PKP-EFS-005	4/17/2001	1610	4/17/2001	<0.10		
1849	PKP-EFS-006	4/17/2001	1614	4/17/2001	<0.10		
1851	PKP-EFS-007	4/18/2001	1328	4/18/2001	3.7		
2268	PKP-EFS-007-02	5/21/2001	820	5/21/2001	<0.10	6/4/2001	<0.260
1852	PKP-EFS-008	4/18/2001	1331	4/18/2001	0.42		
2269	PKP-EFS-008-02	5/21/2001	825	5/21/2001	<0.10		
1853	PKP-EFS-009	4/18/2001	1335	4/18/2001	<0.10	4/20/2001	<0.180
1854	PKP-EFS-010	4/18/2001	1338	4/18/2001	<0.10		
1855	PKP-EFS-011	4/18/2001	1340	4/18/2001	<0.10		
1856	PKP-EFS-012	4/18/2001	1343	4/18/2001	0.19		
1857	PKP-EFS-013	4/18/2001	1345	4/18/2001	<0.10		
1858	PKP-EFS-014	4/18/2001	1347	4/18/2001	0.21		
1859	PKP-EFS-015	4/18/2001	1350	4/18/2001	<0.10		
1860	PKP-EFS-016	4/18/2001	1352	4/18/2001	<0.10		
1861	PKP-EFS-017	4/18/2001	1355	4/18/2001	<0.10		
1863	PKP-EFS-018	4/18/2001	1404	4/18/2001	0.34		
1864	PKP-EFS-019	4/18/2001	1407	4/18/2001	<0.10	4/20/2001	<0.190
1865	PKP-EFS-020	4/18/2001	1411	4/18/2001	<0.10		
1866	PKP-EFS-021	4/18/2001	1414	4/18/2001	<0.10		
1867	PKP-EFS-022	4/18/2001	1417	4/18/2001	<0.10		
1868	PKP-EFS-023	4/18/2001	1422	4/18/2001	<0.10		
1869	PKP-EFS-024	4/18/2001	1425	4/18/2001	0.13		
1870	PKP-EFS-025	4/18/2001	1445	4/18/2001	<0.10		
1871	PKP-EFS-026	4/18/2001	1446	4/18/2001	<0.10		
1872	PKP-EFS-027	4/18/2001	1450	4/18/2001	<0.40 J	4/20/2001	<0.180
1873	PKP-EFS-028	4/18/2001	1453	4/18/2001	<0.20		
1874	PKP-EFS-029	4/19/2001	1022	4/19/2001	<0.10	4/20/2001	<0.180
1875	PKP-EFS-030	4/19/2001	1030	4/19/2001	<0.10		
1876	PKP-EFS-031	4/19/2001	1036	4/19/2001	0.97		
1877	PKP-EFS-032	4/19/2001	1040	4/19/2001	2.3		
1879	PKP-EFS-033	4/19/2001	1117	4/19/2001	2.5		
1880	PKP-EFS-034	4/19/2001	1120	4/19/2001	0.36		
1881	PKP-EFS-035	4/19/2001	1122	4/19/2001	<0.10		
1882	PKP-EFS-036	4/19/2001	1125	4/19/2001	<0.10		

[1] = incorrect time on ECCS chain of custody

[2] = sample name is incorrect on Paradigm COC

[3] = lacks -02 on COC

[J] = elevated reporting due to the presence of toxaphene

TABLE 1
SUMMARY OF DATA SHOWING CONFIRMATION OF REMEDIATION
KELLUM PROPERTY

				Field Laboratory		Fixed Laboratory	
Field Lab Sample ID	Sample ID	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
1883	PKP-EFS-037	4/19/2001	1128	4/19/2001	<0.10		
1884	PKP-EFS-038	4/19/2001	1133	4/19/2001	<0.10		
1885	PKP-EFS-039	4/19/2001	1510	4/19/2001	5.1 E		
1886 [1]	PKP-EFS-040	4/19/2001	1545	4/19/2001	1.1		
1887 [1]	PKP-ESS-002	4/19/2001	1525	4/19/2001	<0.60 J		
1888 [2]	PKP-ESS-003	4/19/2001	1527	4/19/2001	0.14	4/20/2001	<0.180
1889	PKP-ESS-004	4/19/2001	1529	4/19/2001	<0.10	5/1/2001	<0.180
1890	PKP-ESS-005	4/19/2001	1531	4/19/2001	<0.10		
1891	PKP-ESS-006	4/19/2001	1533	4/19/2001	<0.10		
1892	PKP-ESS-007	4/19/2001	1538	4/19/2001	<0.60 J		
1893	PKP-ESS-008	4/19/2001	1540	4/19/2001	<0.10		
1894	PKP-ESS-009	4/19/2001	1549	4/19/2001	5.1 E		
1895	PKP-ESS-001	4/19/2001	1522	4/19/2001	0.23	5/1/2001	<0.180
1896	PKP-ESS-010	4/19/2001	1633	4/19/2001	<0.10		
1897	PKP-ESS-011	4/19/2001	1640	4/19/2001	0.67		
1898	PKP-ESS-012	4/19/2001	1642	4/19/2001	0.15		
1899	PKP-ESS-013	4/19/2001	1645	4/19/2001	0.35		
1900	PKP-ESS-014	4/19/2001	1650	4/19/2001	0.22		
1901	PKP-ESS-015	4/19/2001	1652	4/19/2001	0.28		
1902	PKP-ESS-016	4/19/2001	1655	4/19/2001	0.34		
1903	PKP-ESS-017	4/19/2001	1658	4/19/2001	0.51		
1904	PKP-ESS-018	4/19/2001	1700	4/19/2001	>0.80 J		
1905	PKP-ESS-019	4/19/2001	1703	4/19/2001	0.5	5/1/2001	<0.180
1906	PKP-ESS-020	4/19/2001	1705	4/19/2001	0.63		
1907	PKP-ESS-021	4/19/2001	1708	4/19/2001	0.26		
1908	PKP-ESS-022	4/19/2001	1710	4/19/2001	0.18		
1909 [3]	PKP-EFS-032-02	4/20/2001	1017	4/20/2001	<0.10	5/1/2001	<0.190
1910 [3]	PKP-EFS-033-02	4/20/2001	1020	4/20/2001	<0.10		
1911 [3]	PKP-EFS-039-02	4/20/2001	1022	4/20/2001	<0.10		
1912 [3]	PKP-EFS-040-02	4/20/2001	1025	4/20/2001	<0.10		
1914	PKP-EFS-031	4/20/2001	1240	4/20/2001	<0.10		
1915	PKP-ESS-023	4/20/2001	1520	4/20/2001	16		
1916	PKP-ESS-024	4/20/2001	1524	4/20/2001	0.14	5/1/2001	<0.170
1917	PKP-ESS-025	4/20/2001	1526	4/20/2001	<0.10		
1918	PKP-ESS-026	4/20/2001	1530	4/20/2001	<0.10		
1919	PKP-ESS-027	4/20/2001	1532	4/20/2001	<0.10		
1920	PKP-ESS-028	4/20/2001	1535	4/20/2001	<0.40		
1922	PKP-ES-004	4/21/2001	1125	4/21/2001	<0.10		
1964	PKP-EFS-041	4/30/2001	1200	4/30/2001	0.33		
1965	PKP-EFS-042	4/30/2001	1203	4/30/2001	0.48	5/7/2001	<0.180

[1] = incorrect time on ECCS chain of custody

[2] = sample name is incorrect on Paradigm COC

[3] = lacks -02 on COC

[J] = elevated reporting due to the presence of toxaphene

TABLE 1
SUMMARY OF DATA SHOWING CONFIRMATION OF REMEDIATION
KELLUM PROPERTY

				Field Laboratory		Fixed Laboratory	
Field Lab Sample ID	Sample ID	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
1966	PKP-EFS-043	4/30/2001	1210	4/30/2001	1.3		
2032	PKP-EFS-043-02	5/3/2001	1530	5/3/2001	<0.10		
1967	PKP-EFS-044	4/30/2001	1215	4/30/2001	2.3		
2033	PKP-EFS-044-02	5/3/2001	1534	5/3/2001	<0.10		
1968	PKP-EFS-045	4/30/2001	1218	4/30/2001	1.1		
2034	PKP-EFS-045-02	5/3/2001	1536	5/3/2001	<0.10		
1969	PKP-EFS-046	4/30/2001	1222	4/30/2001	2.8		
2035	PKP-EFS-046-02	5/3/2001	1550	5/3/2001	0.43		
1970	PKP-EFS-047	4/30/2001	1225	4/30/2001	2.1		
2036	PKP-EFS-047-02	5/3/2001	1554	5/3/2001	0.24	5/15/2001	<0.180
1971	PKP-EFS-048	4/30/2001	1230	4/30/2001	3.2	5/7/2001	<0.190
2037	PKP-EFS-048-02	5/3/2001	1557	5/3/2001	0.26		
2039	PKP-ESS-029	5/3/2001	1701	5/3/2001	<0.10		
2040	PKP-ESS-030	5/3/2001	1703	5/3/2001	<0.10		
2041	PKP-ESS-031	5/3/2001	1705	5/3/2001	<0.10		
2042	PKP-ESS-032	5/3/2001	1707	5/3/2001	<0.10		
2043	PKP-ESS-033	5/3/2001	1709	5/3/2001	0.2		
2044	PKP-ESS-034	5/3/2001	1712	5/3/2001	0.51		
2045	PKP-ESS-035	5/3/2001	1715	5/3/2001	0.12		
2046	PKP-ESS-036	5/3/2001	1717	5/3/2001	2.5	5/15/2001	0.380
2095	PKP-ESS-036-02	5/5/2001	1245	5/5/2001	0.31	5/15/2001	<0.170
2047	PKP-ESS-037	5/3/2001	1720	5/3/2001	0.7		
2048	PKP-ESS-038	5/3/2001	1724	5/3/2001	<0.10		
2049	PKP-ESS-039	5/3/2001	1727	5/3/2001	<0.10		
2050	PKP-ESS-040	5/3/2001	1730	5/3/2001	<0.10		
2104	PKP-ESS-041	5/9/2001	1030	5/9/2001	1.4	5/30/2001	0.530
2132	PKP-ESS-041-02	5/11/2001	1705	5/11/2001	1.8	5/30/2001	0.580
2105	PKP-EFS-049	5/9/2001	1025	5/9/2001	0.44	5/30/2001	<0.170
2133	PKP-ESS-042	5/11/2001	1710	5/11/2001	1.1	5/30/2001	0.300
2148	PKP-EWS-001	5/16/2001	947	5/16/2001	<0.50		
2149	PKP-EWS-002	5/16/2001	948	5/16/2001	<0.50		
2150	PKP-EWS-003	5/16/2001	950	5/16/2001	<0.50		
2151	PKP-EWS-004	5/16/2001	952	5/16/2001	<0.50		
2152	PKP-EWS-005	5/16/2001	954	5/16/2001	<0.50		
2153	PKP-EWS-006	5/16/2001	956	5/16/2001	<0.50		
2154	PKP-EWS-007	5/16/2001	958	5/16/2001	<0.50		
2155	PKP-EWS-008	5/16/2001	1538	5/16/2001	<0.50		
2156	PKP-EWS-009	5/16/2001	1541	5/16/2001	<0.50		
2157	PKP-EWS-018	5/16/2001	1543	5/16/2001	<0.50		
2158	PKP-EWS-010	5/16/2001	1640	5/16/2001	<0.50		
2160	PKP-EWS-011	5/16/2001	1643	5/16/2001	<0.50		

[1] = incorrect time on ECCS chain of custody

[2] = sample name is incorrect on Paradigm COC

[3] = lacks -02 on COC

[J] = elevated reporting due to the presence of toxaphene

TABLE 1
SUMMARY OF DATA SHOWING CONFIRMATION OF REMEDIATION
KELLUM PROPERTY

				Field Laboratory		Fixed Laboratory	
Field Lab Sample ID	Sample ID	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
2161	PKP-EWS-012	5/16/2001	1645	5/16/2001	<0.50		
2162	PKP-EWS-013	5/16/2001	1647	5/16/2001	<0.50		
2163	PKP-EWS-014	5/16/2001	1649	5/16/2001	<0.50		
2164	PKP-EWS-015	5/16/2001	1652	5/16/2001	<0.50		
2165	PKP-EWS-016	5/16/2001	1654	5/16/2001	<0.50		
2166	PKP-EWS-017	5/16/2001	1655	5/16/2001	<0.50		
2173	PKP-EWS-019	5/17/2001	1342	5/17/2001	<0.50		
2174	PKP-EWS-020	5/17/2001	1344	5/17/2001	<0.50		
2175	PKP-EWS-021	5/17/2001	1346	5/17/2001	<0.50		
2176	PKP-EWS-022	5/17/2001	1348	5/17/2001	<0.50		
2177	PKP-EWS-023	5/17/2001	1350	5/17/2001	<0.50		
2178	PKP-EWS-024	5/17/2001	1352	5/17/2001	<0.50		
2179	PKP-EWS-025	5/17/2001	1414	5/17/2001	<0.50		
2180	PKP-EWS-026	5/17/2001	1415	5/17/2001	<0.50		
2181	PKP-EWS-027	5/17/2001	1417	5/17/2001	<0.50		
2182	PKP-EWS-028	5/17/2001	1419	5/17/2001	<0.50		
2183	PKP-EWS-029	5/17/2001	1420	5/17/2001	<0.50		
2184	PKP-EWS-030	5/17/2001	1422	5/17/2001	<0.50		
2185	PKP-EWS-031	5/17/2001	1423	5/17/2001	<0.50		
2186	PKP-EWS-032	5/17/2001	1424	5/17/2001	<0.50		
2187	PKP-EWS-033	5/17/2001	1425	5/17/2001	<0.50		
2188	PKP-EWS-034	5/17/2001	1426	5/17/2001	<0.50		
2189	PKP-EWS-035	5/17/2001	1428	5/17/2001	<0.50		
2190	PKP-EWS-036	5/17/2001	1432	5/17/2001	<0.50		
2191	PKP-EWS-037	5/17/2001	1434	5/17/2001	<0.50		
2192	PKP-EWS-038	5/17/2001	1436	5/17/2001	<0.50		
2193	PKP-EFS-050	5/18/2001	1210	5/18/2001	<0.10	6/4/2001	<0.190
2194	PKP-EFS-051	5/18/2001	1213	5/18/2001	<0.10	6/4/2001	<0.190
2197	PKP-EWS-039	5/18/2001	1400	5/18/2001	<0.50		
2198	PKP-EWS-040	5/18/2001	1402	5/18/2001	<0.50		
2199	PKP-EWS-041	5/18/2001	1404	5/18/2001	<0.50		
2200	PKP-EWS-042	5/18/2001	1405	5/18/2001	<0.50		
2201	PKP-EWS-043	5/18/2001	1407	5/18/2001	<0.50		
2202	PKP-EWS-044	5/18/2001	1408	5/18/2001	<0.50		
2207	PKP-EWS-045	5/18/2001	1620	5/18/2001	<0.50		
2208	PKP-EWS-046	5/18/2001	1622	5/18/2001	<0.50		
2209	PKP-EWS-047	5/18/2001	1624	5/18/2001	<0.50		
2210	PKP-EWS-048	5/18/2001	1626	5/18/2001	<0.50		
2211	PKP-EWS-049	5/18/2001	1628	5/18/2001	<0.50		
2212	PKP-EWS-050	5/18/2001	1629	5/18/2001	<0.50		
2213	PKP-EWS-051	5/18/2001	1630	5/18/2001	<0.50		

[1] = incorrect time on ECCS chain of custody

[2] = sample name is incorrect on Paradigm COC

[3] = lacks -02 on COC

[J] = elevated reporting due to the presence of toxaphene

TABLE 1
SUMMARY OF DATA SHOWING CONFIRMATION OF REMEDIATION
KELLUM PROPERTY

				Field Laboratory		Fixed Laboratory	
Field Lab Sample ID	Sample ID	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
2214	PKP-EWS-052	5/18/2001	1631	5/18/2001	<0.50		
2215	PKP-EWS-053	5/18/2001	1632	5/18/2001	<0.50		
2216	PKP-EWS-054	5/18/2001	1633	5/18/2001	<0.50		
2217	PKP-EWS-055	5/18/2001	1634	5/18/2001	<0.50		
2218	PKP-EWS-056	5/18/2001	1635	5/18/2001	<0.50		
2219	PKP-EWS-057	5/18/2001	1636	5/18/2001	<0.50		
2220	PKP-EWS-058	5/18/2001	1637	5/18/2001	<0.50		
2221	PKP-EWS-059	5/18/2001	1640	5/18/2001	<0.50		
2223	PKP-EWS-060	5/19/2001	827	5/19/2001	<0.50		
2224	PKP-EWS-061	5/19/2001	829	5/19/2001	<0.50		
2225	PKP-EWS-062	5/19/2001	831	5/19/2001	<0.50		
2226	PKP-EWS-063	5/19/2001	832	5/19/2001	<0.50		
2227	PKP-EWS-064	5/19/2001	834	5/19/2001	<0.50		
2228	PKP-EWS-065	5/19/2001	835	5/19/2001	<0.50		
2229	PKP-EWS-066	5/19/2001	837	5/19/2001	<0.50		
2230	PKP-EWS-067	5/19/2001	838	5/19/2001	<0.50		
2231	PKP-EWS-068	5/19/2001	839	5/19/2001	<0.50		
2232	PKP-EWS-069	5/19/2001	840	5/19/2001	<0.50		
2233	PKP-EWS-070	5/19/2001	842	5/19/2001	<0.50		
2234	PKP-EWS-071	5/19/2001	843	5/19/2001	<0.50		
2235	PKP-EWS-072	5/19/2001	845	5/19/2001	<0.50		
2236	PKP-EWS-073	5/19/2001	846	5/19/2001	<0.50		
2237	PKP-EWS-074	5/19/2001	847	5/19/2001	<0.50		
2238	PKP-EWS-075	5/19/2001	849	5/19/2001	<0.50		
2239	PKP-EWS-076	5/19/2001	850	5/19/2001	<0.50		
2240	PKP-EWS-077	5/19/2001	851	5/19/2001	<0.50		
2241	PKP-EWS-078	5/19/2001	853	5/19/2001	<0.50		
2242	PKP-EWS-079	5/19/2001	854	5/19/2001	<0.50		
2243	PKP-EWS-080	5/19/2001	855	5/19/2001	<0.50		
2244	PKP-EWS-081	5/19/2001	856	5/19/2001	<0.50		
2245	PKP-EWS-082	5/19/2001	859	5/19/2001	<0.50		
2247	PKP-EWS-083	5/19/2001	825	5/19/2001	<0.50		
2248	PKP-EWS-084	5/19/2001	942	5/19/2001	<0.50		
2249	PKP-EWS-085	5/19/2001	943	5/19/2001	<0.50		
2250	PKP-EWS-086	5/19/2001	945	5/19/2001	<0.50		
2251	PKP-EWS-087	5/19/2001	947	5/19/2001	<0.50		
2252	PKP-EWS-088	5/19/2001	948	5/19/2001	<0.50		
2253	PKP-EWS-089	5/19/2001	950	5/19/2001	<0.50		
2254	PKP-EWS-090	5/19/2001	952	5/19/2001	<0.50		
2255	PKP-EWS-091	5/19/2001	954	5/19/2001	<0.50		
2256	PKP-EWS-092	5/19/2001	955	5/19/2001	<0.50		

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[J] = elevated reporting due to the presence of toxaphene

TABLE 1
SUMMARY OF DATA SHOWING CONFIRMATION OF REMEDIATION
KELLUM PROPERTY

				Field Laboratory		Fixed Laboratory	
Field Lab Sample ID	Sample ID	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
2257	PKP-EWS-093	5/19/2001	956	5/19/2001	<0.50		
2258	PKP-EWS-095	5/19/2001	957	5/19/2001	<0.50		
2259	PKP-EWS-096	5/19/2001	959	5/19/2001	<0.50		
2260	PKP-EWS-097	5/19/2001	1001	5/19/2001	<0.50		
2261	PKP-EWS-098	5/19/2001	1002	5/19/2001	<0.50		
2262	PKP-EWS-099	5/19/2001	1004	5/19/2001	<0.50		
2263	PKP-EWS-100	5/19/2001	1005	5/19/2001	<0.50		
2264	PKP-EWS-101	5/19/2001	1007	5/19/2001	<0.50		
2265	PKP-EWS-102	5/19/2001	1008	5/19/2001	<0.50		
2266	PKP-EWS-103	5/19/2001	1010	5/19/2001	<0.50		
2267	PKP-EWS-104	5/19/2001	1012	5/19/2001	<0.50		
2270 [3]	PKP-ESS-033-02	5/21/2001	830	5/21/2001	<0.10		
2271 [3]	PKP-ESS-034-02	5/21/2001	833	5/21/2001	<0.10		
2272 [2,3]	PKP-ESS-035-02	5/21/2001	835	5/21/2001	0.4	6/4/2001	<0.190
2274 [3]	PKP-ESS-036-02	5/21/2001	837	5/21/2001	<0.10		
2276	PKP-EWS-105	5/21/2001	1225	5/21/2001	<0.50		
2277	PKP-EWS-106	5/21/2001	1226	5/21/2001	<0.50		
2278	PKP-EWS-107	5/21/2001	1227	5/21/2001	<0.50		
2279	PKP-EWS-108	5/21/2001	1228	5/21/2001	<0.50		
2280	PKP-EWS-109	5/21/2001	1229	5/21/2001	<0.50		
2281	PKP-EWS-110	5/21/2001	1230	5/21/2001	<0.50		
2282	PKP-EWS-111	5/21/2001	1231	5/21/2001	<0.50		
2283	PKP-EWS-112	5/21/2001	1232	5/21/2001	<0.50		
2284	PKP-EWS-113	5/21/2001	1234	5/21/2001	<0.50		
2285	PKP-EWS-114	5/21/2001	1235	5/21/2001	<0.50		
2286	PKP-EWS-115	5/21/2001	1237	5/21/2001	<0.50		
2287	PKP-EWS-116	5/21/2001	1315	5/21/2001	<0.50		
2288	PKP-EWS-117	5/21/2001	1316	5/21/2001	<0.50		
2289	PKP-EWS-118	5/21/2001	1317	5/21/2001	<0.50		
2290	PKP-EWS-119	5/21/2001	1318	5/21/2001	<0.50		
2291	PKP-EWS-120	5/21/2001	1319	5/21/2001	<0.50		

[1] = incorrect time on ECCS chain of custody

[2] = sample name is incorrect on Paradigm COC

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[J] = elevated reporting due to the presence of toxaphene

TECHNICAL MEMORANDUM

May 25, 2001

To: Robert Martin
Martin & Slagle, LLC

From: Richard Johnson
ECCS, Inc.

Re: Field Analytical Methods – QC Summary
Remediation at 412 Lee Street
Crystal Springs, Mississippi

INTRODUCTION

This Technical Memorandum provides documentation of the field analytical test methods used to analyze soil and wipe samples collected during a remediation episode, April 17, 2001 to April 21, 2001, April 30, 2001, May 3, 2001, May 7, 2001, May 9, 2001, May 11, 2001, May 16, 2001 to May 19, 2001 and May 21, 2001 around the former Borg Warner and current Kuhlman Electric facility at 412 Lee Street in Crystal Springs, Mississippi. Soil samples were analyzed for polychlorinated biphenyls (PCBs) by gas chromatography (GC) in accordance with ECCS's Polychlorinated Biphenyl (PCB) Mini Extraction Screening Procedure. A summary of test results for the episode is provided in Table 1.

The PCB mini-extraction procedure is based on the existing EPA SW846 method 8082/8141. The procedure incorporates all the quality control rigors of the full 8082 method including quantification based on 6-point calibration with continuing calibration verification, surrogate method performance monitoring, method blanks, laboratory control samples (LCS), and matrix spike/matrix spike (MS/MSD) duplicate samples. As such, you should consider these test results as comparable to what you would get from a fixed-based laboratory using the more-widely accepted extraction procedure.

The primary project objective of the sampling and testing episode was to delineate the PCB contamination around the site using the accelerated site characterization approach. The mobile laboratory was required to provide data as quickly as possible to keep the excavation process on track while trying to maintain a goal of Level Three data quality.

CASE NARRATIVE

During the fifteen day episode, 251 samples were collected and analyzed. To maintain rapid turnaround and to meet the project objective, two GCs were operated on a nearly continuous basis.

Quality control including proper calibration, continuing calibration verification, surrogates, method blanks, laboratory control samples and matrix spike/matrix spike duplicate samples was performed at the method-specified intervals. Overall quality of the data is very good. The following quality related issues should be noted:

1. Quality control data are found in Table 2.

2. All blanks, LCS's, MS and MSD's were within acceptable limts.

3. All surrogate recoveries for reported data were within acceptable limits.

4. All samples were analyzed within 14 days of sampling.

5. The last batch of wipe samples the LCS was not spiked.

METHOD SUMMARY

This method employs a mini-extraction procedure and gas chromatography analysis for the detection of PCBs. Reporting limits are provided in the results Tables. Four grams of sample are dried with anhydrous sodium sulfate and extracted with eight mLs of 80/20 iso-octane/acetone. The extract is then analyzed by Gas Chromatography-Electron Capture Detector (GC-ECD).

Procedure

1. Standards Preparation - Primary standards are prepared from a solution purchased from various vendors at Certified concentrations. Stock standards are prepared in suitable solvents and stored in a freezer when not in use. Secondary standards are prepared in 80/20 iso-octane/acetone and stored in a freezer when not in use. Standard curve mixes for this project were prepared at six concentrations: PCBs – 0.05, 0.10, 0.20, 0.50, 1.0 and 2.0 ug/mL

2. Sample Preparation - SOILS: Each sample or quality control sample is prepared in identical fashion. Approximately four grams of silica sand (blanks and control spikes) or sample is transferred into a clean scintillation vial. Four grams of anhydrous sodium sulfate are added to the vial and mixed well. Extra sodium sulfate is added when necessary to assure the sample is dried. A surrogate, spike compound mix (if necessary) and eight mLs of 80/20 iso-octane/ acetone are added to the vial. The vial is shaken for 30 seconds, allowed to settle for 2 minutes, shaken again for 30 seconds, and allowed to settle for 10 minutes. If sample is colored the extract is cleaned-up using concentrated sulfuric acid. An aliquot of the extract is transferred to an autosampler vial.

3. WIPE/SWAB Samples: Samples were collected and placed in scintillation vials. Blanks and LCS's were prepared by putting a cotton wipe in a scintillation vial and adding approximately 1 ml of 80/20 iso-octane/acetone. No MS/MSD samples were run, as there was no way to collect identical samples. Surrogate was added to all samples and spiking solution was added to the LCS. Add 10 ml of 80/20 iso-octane/acetone to each vial and shake 3 times of approximately 30-second intervals. Allow to sit for 5 minutes between each shake. An aliquot of the extract is transferred to an autosampler vial for injection into the GC-ECD.

4. GC-ECD Analysis - A sample aliquot is injected into an HP5890 GC with an ECD linked to an HP ChemStation for data processing. PCBs were identified by matching retention times of standards to the same retention time in the sample. Regression analysis was performed on each of the selected peak's height verses concentration of the standard using a LN/LN transformed linear regression. For PCBs nine peaks were selected for quantification. The ug/mL value for each peak was added together and divided by the number of peaks selected to obtain the total PCB ug/mL result. If an interference occurred at any of the peaks, these peaks were not included in the total, and the divisor was reduced accordingly.

5. Quality Control - Quality control consisted of the following items:
   - Continuing calibration standards analyzed every ten samples or less and at the end of a run.
   - Blank and LCS samples analyzed every twenty sample or less with a minimum of one per day.
   - MS/MSD samples analyzed every twenty samples or less with a minimum of one per day.
   - Information is documented in logbook 40 and daily run sheets.
   - Blind duplicate samples were collected in the field and analyzed by the mobile laboratory.

5. Instrument Conditions - Two HP5890 gas chromatographs were equipped with RTX-35 capillary columns. Each system had a Leap Technologies A200S auto-sampler and both were linked to an HP ChemStation for data handling.

Table 1
Kellum Property
412 Lee Street
Crystal Springs, Mississippi
PCB Concentrations Detected in Soil

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth (ft bgs)	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
1841	PKP-ES-001	0-6"	17-Apr-01	10:04	17-Apr-01	**3.8**
1842	PKP-ES-002	0-6"	17-Apr-01	10:05	17-Apr-01	**4.9** [E]
1843	PKP-ES-003	0-6"	17-Apr-01	10:06	17-Apr-01	**5.0** [E]
1844	PKP-EFS-001		17-Apr-01	13:05	17-Apr-01	< 0.10
1845	PKP-EFS-002		17-Apr-01	13:07	17-Apr-01	< 0.10
1846	PKP-EFS-003		17-Apr-01	13:10	17-Apr-01	< 0.10
1847	PKP-EFS-004		17-Apr-01	16:05	17-Apr-01	< 0.10
1848	PKP-EFS-005		17-Apr-01	16:10	17-Apr-01	< 0.10
1849	PKP-EFS-006		17-Apr-01	16:14	17-Apr-01	< 0.10
1850	DUP 4/17/01		17-Apr-01		17-Apr-01	< 0.10
1851	PKP-EFS-007		18-Apr-01	13:28	18-Apr-01	**3.7**
1852	PKP-EFS-008		18-Apr-01	13:31	18-Apr-01	**0.42**
1853	PKP-EFS-009		18-Apr-01	13:35	18-Apr-01	< 0.10
1854	PKP-EFS-010		18-Apr-01	13:38	18-Apr-01	< 0.10
1855	PKP-EFS-011		18-Apr-01	13:40	18-Apr-01	< 0.10
1856	PKP-EFS-012		18-Apr-01	13:43	18-Apr-01	**0.19**
1857	PKP-EFS-013		18-Apr-01	13:45	18-Apr-01	< 0.10
1858	PKP-EFS-014		18-Apr-01	13:47	18-Apr-01	**0.21**
1859	PKP-EFS-015		18-Apr-01	13:50	18-Apr-01	< 0.10
1860	PKP-EFS-016		18-Apr-01	13:52	18-Apr-01	< 0.10
1861	PKP-EFS-017		18-Apr-01	13:55	18-Apr-01	< 0.10
1862	DUP 4/18/01		18-Apr-01		18-Apr-01	< 0.10
1863	PKP-EFS-018		18-Apr-01	14:04	18-Apr-01	< 0.10
1864	PKP-EFS-019		18-Apr-01	14:07	18-Apr-01	**0.34**
1865	PKP-EFS-020		18-Apr-01	14:11	18-Apr-01	< 0.10
1866	PKP-EFS-021		18-Apr-01	14:14	18-Apr-01	< 0.10
1867	PKP-EFS-022		18-Apr-01	14:17	18-Apr-01	< 0.10
1868	PKP-EFS-023		18-Apr-01	14:22	18-Apr-01	< 0.10
1869	PKP-EFS-024		18-Apr-01	14:25	18-Apr-01	**0.13**
1870	PKP-EFS-025		18-Apr-01	14:45	18-Apr-01	< 0.10
1871	PKP-EFS-026		18-Apr-01	14:46	18-Apr-01	< 0.10
1872	PKP-EFS-027		18-Apr-01	14:50	18-Apr-01	< 0.40 [J]
1873	PKP-EFS-028		18-Apr-01	14:53	18-Apr-01	< 0.20 [M]
1874	PKP-EFS-029		19-Apr-01	10:22	19-Apr-01	< 0.10
1875	PKP-EFS-030		19-Apr-01	10:30	19-Apr-01	< 0.10
1876	PKP-EFS-031		19-Apr-01	10:36	19-Apr-01	**0.97**
1876-1	Duplicate		19-Apr-01		19-Apr-01	**0.79**
1876-2	Duplicate		19-Apr-01		19-Apr-01	**1.1**
1877	PKP-EFS-032		19-Apr-01	10:40	19-Apr-01	**2.3**
1878	DUP 4/19/01		19-Apr-01		19-Apr-01	< 0.10
1879	PKP-EFS-033		19-Apr-01	11:17	19-Apr-01	**2.5**
1880	PKP-EFS-034		19-Apr-01	11:20	19-Apr-01	**0.36**
1881	PKP-EFS-035		19-Apr-01	11:22	19-Apr-01	< 0.10
1882	PKP-EFS-036		19-Apr-01	11:25	19-Apr-01	< 0.10

[E] = Estimated, exceeds calibration range.

[J] = Elevated reporting limit due to presence of toxaphene.

[M] = Elevated reporting limit due to the presence of Technical Chlordane.

Table 1
Kellum Property
412 Lee Street
Crystal Springs, Mississippi
PCB Concentrations Detected in Soil

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth (ft bgs)	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
1883	PKP-EFS-037		19-Apr-01	11:28	19-Apr-01	< 0.10
1884	PKP-EFS-038		19-Apr-01	11:33	19-Apr-01	< 0.10
1885	PKP-EFS-039		19-Apr-01	15:10	19-Apr-01	**5.1** [E]
1886	PKP-EFS-040		19-Apr-01	15:10	19-Apr-01	**1.1**
1887	PKP-ESS-002		19-Apr-01	15:45	19-Apr-01	< 0.60 [J]
1888	PKP-ESS-003		19-Apr-01	15:27	19-Apr-01	**0.14**
1889	PKP-ESS-004		19-Apr-01	15:29	19-Apr-01	< 0.10
1890	PKP-ESS-005		19-Apr-01	15:31	19-Apr-01	< 0.10
1891	PKP-ESS-006		19-Apr-01	15:38	19-Apr-01	< 0.10
1892	PKP-ESS-007		19-Apr-01	15:33	19-Apr-01	< 0.60 [J]
1893	PKP-ESS-008		19-Apr-01	15:40	19-Apr-01	< 0.10
1894	PKP-ESS-009		19-Apr-01	15:49	19-Apr-01	< 0.10
1895	PKP-ESS-001		19-Apr-01	15:22	19-Apr-01	**0.23**
1896	PKP-ESS-010		19-Apr-01	16:33	19-Apr-01	< 0.10
1897	PKP-ESS-011		19-Apr-01	16:40	19-Apr-01	**0.67**
1898	PKP-ESS-012		19-Apr-01	16:42	19-Apr-01	**0.15**
1899	PKP-ESS-013		19-Apr-01	16:45	19-Apr-01	**0.35**
1900	PKP-ESS-014		19-Apr-01	16:50	19-Apr-01	**0.22**
1901	PKP-ESS-015		19-Apr-01	16:52	19-Apr-01	**0.28**
1902	PKP-ESS-016		19-Apr-01	16:55	19-Apr-01	**0.34**
1903	PKP-ESS-017		19-Apr-01	16:58	19-Apr-01	**0.51**
1904	PKP-ESS-018		19-Apr-01	17:00	19-Apr-01	< 0.80 [J]
1905	PKP-ESS-019		19-Apr-01	17:03	19-Apr-01	**0.50**
1906	PKP-ESS-020		19-Apr-01	17:05	19-Apr-01	**0.63**
1907	PKP-ESS-021		19-Apr-01	17:08	19-Apr-01	**0.26**
1908	PKP-ESS-022		19-Apr-01	17:10	19-Apr-01	**0.18**
1909	PKP-EFS-032		20-Apr-01	10:17	20-Apr-01	< 0.10
1910	PKP-EFS-033		20-Apr-01	10:20	20-Apr-01	< 0.10
1911	PKP-EFS-039		20-Apr-01	10:22	20-Apr-01	< 0.10
1912	PKP-EFS-040		20-Apr-01	10:25	20-Apr-01	< 0.10
1913	BLIND DUP		20-Apr-01		20-Apr-01	< 0.10
1914	PKP-EFS-031		20-Apr-01	12:40	20-Apr-01	< 0.10
1915	PKP-ESS-023		20-Apr-01	15:20	20-Apr-01	**0.16**
1916	PKP-ESS-024		20-Apr-01	15:24	20-Apr-01	**0.14**
1917	PKP-ESS-025		20-Apr-01	15:26	20-Apr-01	< 0.10
1918	PKP-ESS-026		20-Apr-01	15:30	20-Apr-01	< 0.10
1919	PKP-ESS-027		20-Apr-01	15:32	20-Apr-01	< 0.10
1920	PKP-ESS-028		20-Apr-01	15:35	20-Apr-01	< 0.40 [M]
1922	PKP-ES-004		21-Apr-01	11:25	21-Apr-01	< 0.10
1964	PKP-EFS-041		30-Apr-01	12:00	30-Apr-01	**0.33**
1965	PKP-EFS-042		30-Apr-01	12:03	30-Apr-01	**0.48**
1966	PKP-EFS-043		30-Apr-01	12:10	30-Apr-01	**1.3**
1967	PKP-EFS-044		30-Apr-01	12:15	30-Apr-01	**2.3**
1968	PKP-EFS-045		30-Apr-01	12:18	30-Apr-01	**1.1**

[E] = Estimated, exceeds calibration range.

[J] = Elevated reporting limit due to presence of toxaphene.

[M] = Elevated reporting limit due to the presence of Technical Chlordane.

Table 1
Kellum Property
412 Lee Street
Crystal Springs, Mississippi
PCB Concentrations Detected in Soil

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth (ft bgs)	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
1969	PKP-EFS-046		30-Apr-01	12:22	30-Apr-01	**2.8**
1970	PKP-EFS-047		30-Apr-01	12:25	30-Apr-01	**2.1**
1971	PKP-EFS-048		30-Apr-01	12:30	30-Apr-01	**3.2**
1972	DUP 4/30/01		30-Apr-01		30-Apr-01	**0.40**
2032	PKP-EFS-043-02		03-May-01	15:30	03-May-01	< 0.10
2033	PKP-EFS-044-02		03-May-01	15:34	03-May-01	< 0.10
2034	PKP-EFS-045-02		03-May-01	15:36	03-May-01	< 0.10
2035	PKP-EFS-046-02		03-May-01	15:50	03-May-01	**0.43**
2036	PKP-EFS-047-02		03-May-01	15:54	03-May-01	**0.24**
2037	PKP-EFS-048-02		03-May-01	15:57	03-May-01	**0.26**
2038	PKP-DUP		03-May-01		03-May-01	< 0.10
2039	PKP-ESS-029		03-May-01	17:01	04-May-01	< 0.10
2040	PKP-ESS-030		03-May-01	17:03	03-May-01	< 0.10
2041	PKP-ESS-031		03-May-01	17:05	03-May-01	< 0.10
2042	PKP-ESS-032		03-May-01	17:07	04-May-01	< 0.10
2043	PKP-ESS-033		03-May-01	17:09	04-May-01	**0.20**
2044	PKP-ESS-034		03-May-01	17:12	04-May-01	**0.51**
2045	PKP-ESS-035		03-May-01	17:15	03-May-01	**0.12**
2046	PKP-ESS-036		03-May-01	17:17	04-May-01	**2.5**
2047	PKP-ESS-037		03-May-01	17:20	04-May-01	**0.70**
2048	PKP-ESS-038		03-May-01	17:24	03-May-01	< 0.10
2049	PKP-ESS-039		03-May-01	17:27	03-May-01	< 0.10
2050	PKP-ESS-040		03-May-01	17:30	03-May-01	< 0.10
2095	PKP-ESS-036-02		05-May-01	12:45	07-May-01	**0.31**
2099	BLIND DUP		05-May-01		07-May-01	< 0.10
2104	PKP-ESS-041		09-May-01	10:30	09-May-01	**1.4**
2105	PKP-EFS-049		09-May-01	10:25	09-May-01	**0.44**
2106	PKP-DUP		09-May-01		09-May-01	**0.35**
2132	PKP-ESS-041-02		11-May-01	17:05	11-May-01	**1.8**
2133	PKP-ESS-042		11-May-01	17:10	11-May-01	**1.1**
2134	PKP-DUP		11-May-01		11-May-01	**0.86**
2193	PKP-EFS-050		18-May-01	12:10	18-May-01	< 0.10
2194	PKP-EFS-051		18-May-01	12:13	18-May-01	< 0.10
2195	PKP-DUP		18-May-01		18-May-01	< 0.10
2268	PKP-EFS-007-02		21-May-01	8:20	21-May-01	< 0.10
2269	PKP-EFS-008-02		21-May-01	8:25	21-May-01	< 0.10
2270	PKP-ESS-033		21-May-01	8:30	21-May-01	< 0.10
2271	PKP-ESS-034		21-May-01	8:33	21-May-01	< 0.10
2272	PKP-ESS-035		21-May-01	8:35	21-May-01	**0.40**
2273	PKP-DUP		21-May-01		21-May-01	< 0.10
2274	PKP-ESS-036		21-May-01	8:37	21-May-01	< 0.10

[E] = Estimated, exceeds calibration range.

[J] = Elevated reporting limit due to presence of toxaphene.

[M] = Elevated reporting limit due to the presence of Technical Chlordane.

Table 1
Kellum Property
412 Lee Street
Crystal Springs, Mississippi
PCB Concentrations Detected in Soil

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth (ft bgs)	Date Collected	Time Collected	Date Analyzed	Concentration (total ugs)
2148	PKP-EWS-001		16-May-01	9:47	16-May-01	< 0.50
2149	PKP-EWS-002		16-May-01	9:48	16-May-01	< 0.50
2150	PKP-EWS-003		16-May-01	9:50	16-May-01	< 0.50
2151	PKP-EWS-004		16-May-01	9:52	16-May-01	< 0.50
2152	PKP-EWS-005		16-May-01	9:54	16-May-01	< 0.50
2153	PKP-EWS-006		16-May-01	9:56	16-May-01	< 0.50
2154	PKP-EWS-007		16-May-01	9:58	16-May-01	< 0.50
2155	PKP-EWS-008		16-May-01	15:38	16-May-01	< 0.50
2156	PKP-EWS-009		16-May-01	15:41	16-May-01	< 0.50
2157	PKP-EWS-018		16-May-01	15:43	16-May-01	< 0.50
2158	PKP-EWS-010		16-May-01	16:40	16-May-01	< 0.50
2159	Blank		16-May-01	15:36	16-May-01	< 0.50
2160	PKP-EWS-011		16-May-01	16:43	16-May-01	< 0.50
2161	PKP-EWS-012		16-May-01	16:45	16-May-01	< 0.50
2162	PKP-EWS-013		16-May-01	16:47	16-May-01	< 0.50
2163	PKP-EWS-014		16-May-01	16:49	16-May-01	< 0.50
2164	PKP-EWS-015		16-May-01	16:52	16-May-01	< 0.50
2165	PKP-EWS-016		16-May-01	16:54	16-May-01	< 0.50
2166	PKP-EWS-017		16-May-01	16:55	16-May-01	< 0.50
2172	Blank		17-May-01	13:40	17-May-01	< 0.50
2173	PKP-EWS-019		17-May-01	13:42	17-May-01	< 0.50
2174	PKP-EWS-020		17-May-01	13:44	17-May-01	< 0.50
2175	PKP-EWS-021		17-May-01	13:46	17-May-01	< 0.50
2176	PKP-EWS-022		17-May-01	13:48	17-May-01	< 0.50
2177	PKP-EWS-023		17-May-01	13:50	17-May-01	< 0.50
2178	PKP-EWS-024		17-May-01	13:52	17-May-01	< 0.50
2179	PKP-EWS-025		17-May-01	14:14	17-May-01	< 0.50
2180	PKP-EWS-026		17-May-01	14:15	17-May-01	< 0.50
2181	PKP-EWS-027		17-May-01	14:17	17-May-01	< 0.50
2182	PKP-EWS-028		17-May-01	14:19	17-May-01	< 0.50
2183	PKP-EWS-029		17-May-01	14:20	17-May-01	< 0.50
2184	PKP-EWS-030		17-May-01	14:22	17-May-01	< 0.50
2185	PKP-EWS-031		17-May-01	14:23	17-May-01	< 0.50
2186	PKP-EWS-032		17-May-01	14:24	17-May-01	< 0.50
2187	PKP-EWS-033		17-May-01	14:25	17-May-01	< 0.50
2188	PKP-EWS-034		17-May-01	14:26	17-May-01	< 0.50
2189	PKP-EWS-035		17-May-01	14:28	17-May-01	< 0.50
2190	PKP-EWS-036		17-May-01	14:32	17-May-01	< 0.50
2191	PKP-EWS-037		17-May-01	14:34	17-May-01	< 0.50
2192	PKP-EWS-038		17-May-01	14:36	17-May-01	< 0.50
2196	Blank		18-May-01		18-May-01	< 0.50
2197	PKP-EWS-039		18-May-01	14:00	18-May-01	< 0.50
2198	PKP-EWS-040		18-May-01	14:02	18-May-01	< 0.50
2199	PKP-EWS-041		18-May-01	14:04	18-May-01	< 0.50
2200	PKP-EWS-042		18-May-01	14:05	18-May-01	< 0.50

[E] = Estimated, exceeds calibration range.

[J] = Elevated reporting limit due to presence of toxaphene.

[M] = Elevated reporting limit due to the presence of Technical Chlordane.

Table 1
Kellum Property
412 Lee Street
Crystal Springs, Mississippi
PCB Concentrations Detected in Soil

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth (ft bgs)	Date Collected	Time Collected	Date Analyzed	Concentration (total ugs)
2201	PKP-EWS-043		18-May-01	14:07	18-May-01	< 0.50
2202	PKP-EWS-044		18-May-01	14:08	18-May-01	< 0.50
2207	PKP-EWS-045		18-May-01	16:20	18-May-01	< 0.50
2208	PKP-EWS-046		18-May-01	16:22	18-May-01	< 0.50
2209	PKP-EWS-047		18-May-01	16:24	18-May-01	< 0.50
2210	PKP-EWS-048		18-May-01	16:26	18-May-01	< 0.50
2211	PKP-EWS-049		18-May-01	16:28	18-May-01	< 0.50
2212	PKP-EWS-050		18-May-01	16:29	18-May-01	< 0.50
2213	PKP-EWS-051		18-May-01	16:30	18-May-01	< 0.50
2214	PKP-EWS-052		18-May-01	16:31	18-May-01	< 0.50
2215	PKP-EWS-053		18-May-01	16:32	18-May-01	< 0.50
2216	PKP-EWS-054		18-May-01	16:33	18-May-01	< 0.50
2217	PKP-EWS-055		18-May-01	16:34	18-May-01	< 0.50
2218	PKP-EWS-056		18-May-01	16:35	18-May-01	< 0.50
2219	PKP-EWS-057		18-May-01	16:36	18-May-01	< 0.50
2220	PKP-EWS-058		18-May-01	16:37	18-May-01	< 0.50
2221	PKP-EWS-059		18-May-01	16:40	18-May-01	< 0.50
2223	PKP-EWS-060		19-May-01	8:27	19-May-01	< 0.50
2224	PKP-EWS-061		19-May-01	8:29	19-May-01	< 0.50
2225	PKP-EWS-062		19-May-01	8:31	19-May-01	< 0.50
2226	PKP-EWS-063		19-May-01	8:32	19-May-01	< 0.50
2227	PKP-EWS-064		19-May-01	8:34	19-May-01	< 0.50
2228	PKP-EWS-065		19-May-01	8:35	19-May-01	< 0.50
2229	PKP-EWS-066		19-May-01	8:37	19-May-01	< 0.50
2230	PKP-EWS-067		19-May-01	8:38	19-May-01	< 0.50
2231	PKP-EWS-068		19-May-01	8:39	19-May-01	< 0.50
2232	PKP-EWS-069		19-May-01	8:40	19-May-01	< 0.50
2233	PKP-EWS-070		19-May-01	8:42	19-May-01	< 0.50
2234	PKP-EWS-071		19-May-01	8:43	19-May-01	< 0.50
2235	PKP-EWS-072		19-May-01	8:45	19-May-01	< 0.50
2236	PKP-EWS-073		19-May-01	8:46	19-May-01	< 0.50
2237	PKP-EWS-074		19-May-01	8:47	19-May-01	< 0.50
2238	PKP-EWS-075		19-May-01	8:49	19-May-01	< 0.50
2239	PKP-EWS-076		19-May-01	8:50	19-May-01	< 0.50
2240	PKP-EWS-077		19-May-01	8:51	19-May-01	< 0.50
2241	PKP-EWS-078		19-May-01	8:53	19-May-01	< 0.50
2242	PKP-EWS-079		19-May-01	8:54	19-May-01	< 0.50
2243	PKP-EWS-080		19-May-01	8:55	19-May-01	< 0.50
2244	PKP-EWS-081		19-May-01	8:56	19-May-01	< 0.50
2245	PKP-EWS-082		19-May-01	8:59	19-May-01	< 0.50
2246	Blank		19-May-01	8:25	19-May-01	< 0.50
2247	PKP-EWS-083		19-May-01	9:42	19-May-01	< 0.50
2248	PKP-EWS-084		19-May-01	9:43	19-May-01	< 0.50
2249	PKP-EWS-085		19-May-01	9:44	19-May-01	< 0.50
2250	PKP-EWS-086		19-May-01	9:45	19-May-01	< 0.50

[E] = Estimated, exceeds calibration range.

[J] = Elevated reporting limit due to presence of toxaphene.

[M] = Elevated reporting limit due to the presence of Technical Chlordane.

Table 1
Kellum Property
412 Lee Street
Crystal Springs, Mississippi
PCB Concentrations Detected in Soil

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth (ft bgs)	Date Collected	Time Collected	Date Analyzed	Concentration (total ugs)
2251	PKP-EWS-087		19-May-01	9:47	19-May-01	< 0.50
2252	PKP-EWS-088		19-May-01	9:48	19-May-01	< 0.50
2253	PKP-EWS-089		19-May-01	9:50	19-May-01	< 0.50
2254	PKP-EWS-090		19-May-01	9:52	19-May-01	< 0.50
2255	PKP-EWS-091		19-May-01	9:54	19-May-01	< 0.50
2256	PKP-EWS-092		19-May-01	9:55	19-May-01	< 0.50
2257	PKP-EWS-093		19-May-01	9:56	19-May-01	< 0.50
2258	PKP-EWS-095		19-May-01	9:57	19-May-01	< 0.50
2259	PKP-EWS-096		19-May-01	9:59	19-May-01	< 0.50
2260	PKP-EWS-097		19-May-01	10:01	19-May-01	< 0.50
2261	PKP-EWS-098		19-May-01	10:02	19-May-01	< 0.50
2262	PKP-EWS-099		19-May-01	10:04	19-May-01	< 0.50
2263	PKP-EWS-100		19-May-01	10:05	19-May-01	< 0.50
2264	PKP-EWS-101		19-May-01	10:07	19-May-01	< 0.50
2265	PKP-EWS-102		19-May-01	10:08	19-May-01	< 0.50
2266	PKP-EWS-103		19-May-01	10:10	19-May-01	< 0.50
2267	PKP-EWS-104		19-May-01	10:12	19-May-01	< 0.50
2275	Blank		21-May-01		21-May-01	< 0.50
2276	PKW-EWS-105		21-May-01	12:25	21-May-01	< 0.50
2277	PKW-EWS-106		21-May-01	12:26	21-May-01	< 0.50
2278	PKW-EWS-107		21-May-01	12:27	21-May-01	< 0.50
2279	PKW-EWS-108		21-May-01	12:28	21-May-01	< 0.50
2280	PKW-EWS-109		21-May-01	12:29	21-May-01	< 0.50
2281	PKW-EWS-110		21-May-01	12:30	21-May-01	< 0.50
2282	PKW-EWS-111		21-May-01	12:31	21-May-01	< 0.50
2283	PKW-EWS-112		21-May-01	12:32	21-May-01	< 0.50
2284	PKW-EWS-113		21-May-01	12:34	21-May-01	< 0.50
2285	PKW-EWS-114		21-May-01	12:35	21-May-01	< 0.50
2286	PKW-EWS-115		21-May-01	12:37	21-May-01	< 0.50
2287	PKW-EWS-116		21-May-01	13:15	21-May-01	< 0.50
2288	PKW-EWS-117		21-May-01	13:16	21-May-01	< 0.50
2289	PKW-EWS-118		21-May-01	13:17	21-May-01	< 0.50
2290	PKW-EWS-119		21-May-01	13:18	21-May-01	< 0.50
2291	PKW-EWS-120		21-May-01	13:19	21-May-01	< 0.50

[E] = Estimated, exceeds calibration range.

[J] = Elevated reporting limit due to presence of toxaphene.

[M] = Elevated reporting limit due to the presence of Technical Chlordane.

Table 2
QC Summary

Lab # associated with qc samples: 1841 through 1850

	Matrix Spike 1843	Matrix Spike Duplicate 1843		Blank 169	LCS 169
Date Analyzed:	4/17/2001	4/17/2001		4/17/2001	4/17/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	110		110		0%	< 0.1	91.0

Table 2
QC Summary

Lab # associated with qc samples: 1851 through 1870

	Matrix Spike 1853	Matrix Spike Duplicate 1853		Blank 170	LCS 170
Date Analyzed:	4/18/2001	4/18/2001		4/18/2001	4/18/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	114		116		-2%	< 0.1	75.1

Table 2
QC Summary

Lab # associated with qc samples: 1871 through 1873
10849 through 10850

	Matrix Spike 1872	Matrix Spike Duplicate 1872			Blank 171	LCS 171
Date Analyzed:	4/19/2001	4/19/2001			4/19/2001	4/19/2001
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	K		K			< 0.1	115

K = Not reported due to Toxaphene interference.

Table 2
QC Summary

Lab # associated with qc samples: 1874 through 1893

	Matrix Spike 1876	Matrix Spike Duplicate 1876		Blank 172	LCS 172
Date Analyzed:	4/19/2001	4/19/2001		4/19/2001	4/19/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	193		167		14%	< 0.1	96.3

Table 2
QC Summary

Lab # associated with qc samples: 1894 through 1908

	Matrix Spike 1897	Matrix Spike Duplicate 1897		Blank 173	LCS 173
Date Analyzed:	4/19/2001	4/19/2001		4/19/2001	4/19/2001
Compound	% Rec	% Rec	% RPD	mg/kg	% Rec
PCB as 1260	158	176	-11%	< 0.1	97.9

Table 2
QC Summary

Lab # associated with qc samples: 1909 through 1920

	Matrix Spike 1911	Matrix Spike Duplicate 1911	Blank 174	LCS 174
Date Analyzed:	4/20/2001	4/20/2001	4/20/2001	4/20/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	106		107		-1%	< 0.1	96.7

Table 2
QC Summary

Lab # associated with qc samples: 1922

	Matrix Spike 1921	Matrix Spike Duplicate 1921	Blank 175	LCS 175
Date Analyzed:	4/21/2001	4/21/2001	4/21/2001	4/21/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	90.8		93.4		-3%	< 0.1	85

Table 2
QC Summary

Lab # associated with qc samples: 1923

	Matrix Spike 1923	Matrix Spike Duplicate 1923	Blank 176	LCS 176
Date Analyzed:	4/23/2001	4/23/2001	4/23/2001	4/23/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	128		131		-2%	< 0.1	99.6

Table 2
QC Summary

Lab # associated with qc samples: 1964 through 1972

	Matrix Spike 1968	Matrix Spike Duplicate 1968	Blank 180	LCS 180
Date Analyzed:	4/30/2001	4/30/2001	4/30/2001	4/30/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	150		130		14%	< 0.1	99.5

Table 2
QC Summary

Lab # associated with qc samples: 2032 through 2050

	Matrix Spike 2038	Matrix Spike Duplicate 2038	Blank 184	LCS 184
Date Analyzed:	5/3/2001	5/3/2001	5/3/2001	5/3/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	123		118		4%	< 0.1	116

Table 2
QC Summary

Lab # associated with qc samples: 2095 and 2099

	Matrix Spike 2096	Matrix Spike Duplicate 2096	Blank 188	LCS 188
Date Analyzed:	5/7/2001	5/7/2001	5/7/2001	5/7/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	96.4		93.1		3%	< 0.1	97

Table 2
QC Summary

Lab # associated with qc samples: 2104 through 2106

	Matrix Spike 2104	Matrix Spike Duplicate 2104	Blank 189	LCS 189
Date Analyzed:	5/9/2001	5/9/2001	5/9/2001	5/9/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	100		100		0%	< 0.1	89.6

Table 2
QC Summary

Lab # associated with qc samples: 2132 through 2134

	Matrix Spike 2131	Matrix Spike Duplicate 2131	Blank 192	LCS 192
Date Analyzed:	5/11/2001	5/11/2001	5/11/2001	5/11/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	100		99.4		1%	< 0.1	94

Table 2
QC Summary

Lab # associated with qc samples: 2193 through 2195

	Matrix Spike 2193	Matrix Spike Duplicate 2193	Blank 195	LCS 195
Date Analyzed:	5/18/2001	5/18/2001	5/18/2001	5/18/2001

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	91.3		98.4		-7%	< 0.1	96.1

Table 2
QC Summary

Lab # associated with qc samples: 2268 through 2274

	Matrix Spike 2271		Matrix Spike Duplicate 2271			Blank 196	LCS 196
Date Analyzed:	5/21/2001		5/21/2001			5/21/2001	5/21/2001
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	93.5		89.3		5%	< 0.1	86.6

Table 2
QC Summary

Lab # associated with qc samples: 2148 through 2166

	Matrix Spike	Matrix Spike Duplicate			Blank Wipe	LCS Wipe
Date Analyzed:					5/16/2001	5/16/2001
Compound	% Rec		% Rec		% RPD	Total ugs	% Rec
PCB as 1260	[1]		[1]			< 0.50	89.2

[1] = Wipe samples, no MS/MSD run.

Table 2
QC Summary

Lab # associated with qc samples: 2172 through 2191

	Matrix Spike	Matrix Spike Duplicate		Blank Wipe	LCS Wipe
Date Analyzed:				5/17/2001	5/17/2001

Compound	% Rec		% Rec		% RPD	Total ugs	% Rec
PCB as 1260	[1]		[1]			< 0.50	89.2

[1] = Wipe samples, no MS/MSD run.

Table 2
QC Summary

Lab # associated with qc samples: 2192

	Matrix Spike	Matrix Spike Duplicate			Blank Wipe 2	LCS Wipe 2
Date Analyzed:					5/17/2001	5/17/2001
Compound	% Rec		% Rec		% RPD	Total ugs	% Rec
PCB as 1260	[1]		[1]			< 0.50	102

[1] = Wipe samples, no MS/MSD run.

Table 2
QC Summary

Lab # associated with qc samples: 2196 through 2221

	Matrix Spike	Matrix Spike Duplicate			Blank Wipe	LCS Wipe
Date Analyzed:					5/18/2001	5/18/2001
Compound	% Rec		% Rec		% RPD	Total ugs	% Rec
PCB as 1260	[1]		[1]			< 0.50	69.5

[1] = Wipe samples, no MS/MSD run.

Table 2
QC Summary

Lab # associated with qc samples: 2223 through 2242

	Matrix Spike	Matrix Spike Duplicate			Blank Wipe	LCS Wipe
Date Analyzed:					5/19/2001	5/19/2001
Compound	% Rec		% Rec		% RPD	Total ugs	% Rec
PCB as 1260	[1]		[1]			< 0.50	89.6

[1] = Wipe samples, no MS/MSD run.

Table 2
QC Summary

Lab # associated with qc samples: 2243 through 2262

	Matrix Spike	Matrix Spike Duplicate			Blank Wipe 2	LCS Wipe 2
Date Analyzed:					5/19/2001	5/19/2001
Compound	% Rec		% Rec		% RPD	Total ugs	% Rec
PCB as 1260	[1]		[1]			< 0.50	80.9

[1] = Wipe samples, no MS/MSD run.

Table 2
QC Summary

Lab # associated with qc samples: 2263 through 2267

	Matrix Spike	Matrix Spike Duplicate			Blank Wipe 3	LCS Wipe 3
Date Analyzed:					5/19/2001	5/19/2001
Compound	% Rec		% Rec		% RPD	Total ugs	% Rec
PCB as 1260	[1]		[1]			< 0.50	81.7

[1] = Wipe samples, no MS/MSD run.

Table 2
QC Summary

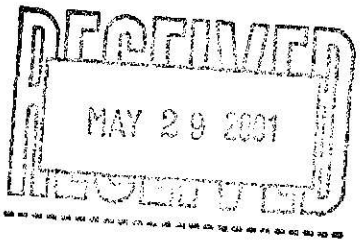
Lab # associated with qc samples: 2275 through 2293

	Matrix Spike	Matrix Spike Duplicate		Blank Wipe	LCS Wipe
Date Analyzed:				5/21/2001	5/21/2001

Compound	% Rec		% Rec		% RPD	Total ugs	% Rec
PCB as 1260	[1]		[1]			< 0.50	[2]

[1] = Wipe samples, no MS/MSD run.
[2] = Forgot to spike.

May 25, 2001



Robert Martin
Martin & Slagle, LLC
P.O. Box 1023
Black Mountain, NC 28711

Dear Mr. Martin,

Enclosed is the final Technical Memorandum for work recently completed at the former Borg Warner and current Kuhlman Electric facility for material used to backfill properties in Crystal Springs, Mississippi. If you have any questions concerning this information, please give me a call.

Sincerely,

Richard Johnson

Enclosure

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

Technical Memorandum

Material used to Backfill Properties
Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

May 25, 2001

To: Robert Martin
Martin & Slagle, LLC

From: Richard Johnson
ECCS, Inc.

Re: Field Analytical Methods – QC Summary
Material used to Backfill Properties
Crystal Springs, Mississippi

INTRODUCTION

This Technical Memorandum provides documentation of the field analytical test methods used to analyze soil samples used as backfill material, April 19, 21 and 23, 2001 May 4, 11, and 12, 2001 around the former Borg Warner and current Kuhlman Electric facility in Crystal Springs, Mississippi. Soil samples were analyzed for polychlorinated biphenyls (PCBs) by gas chromatography (GC) in accordance with ECCS's Polychlorinated Biphenyl (PCB) Mini Extraction Screening Procedure. A summary of test results for the episode is provided in Table 1.

The PCB mini-extraction procedure is based on the existing EPA SW846 method 8082/8141. The procedure incorporates all the quality control rigors of the full 8082 method including quantification based on 6-point calibration with continuing calibration verification, surrogate method performance monitoring, method blanks, laboratory control samples (LCS), and matrix spike/matrix spike (MS/MSD) duplicate samples. As such, you should consider these test results as comparable to what you would get from a fixed-based laboratory using the more-widely accepted extraction procedure.

The primary project objective of the sampling and testing was to make sure the backfill material contained no PCB contamination. The mobile laboratory was required to provide data as quickly as possible to keep the excavation process on track while trying to maintain a goal of Level Three data quality.

CASE NARRATIVE

During the six day episode, 12 samples were collected and analyzed. To maintain rapid turnaround and to meet the project objective, two GCs were operated on a nearly continuous basis.

Quality control including proper calibration, continuing calibration verification, surrogates, method blanks, laboratory control samples and matrix spike/matrix spike duplicate samples was performed at the method-specified intervals. Overall quality of the data is very good. The following quality related issues should be noted:

1. Quality control data are found in Table 2.

2. All blanks, LCS's, MS and MSD's were within acceptable limts.

3. All surrogate recoveries for reported data were within acceptable limits.

4. All samples were analyzed within 14 days of sampling.

METHOD SUMMARY

This method employs a mini-extraction procedure and gas chromatography analysis for the detection of PCBs. Reporting limits are provided in the results Tables. Four grams of sample are dried with anhydrous sodium sulfate and extracted with eight mLs of 80/20 iso-octane/acetone. The extract is then analyzed by Gas Chromatography-Electron Capture Detector (GC-ECD).

Procedure

1. Standards Preparation - Primary standards are prepared from a solution purchased from various vendors at Certified concentrations. Stock standards are prepared in suitable solvents and stored in a freezer when not in use. Secondary standards are prepared in 80/20 iso-octane/acetone and stored in a freezer when not in use. Standard curve mixes for this project were prepared at six concentrations: PCBs – 0.05, 0.10, 0.20, 0.50, 1.0 and 2.0 ug/mL

2. Sample Preparation - SOILS: Each sample or quality control sample is prepared in identical fashion. Approximately four grams of silica sand (blanks and control spikes) or sample is transferred into a clean scintillation vial. Four grams of anhydrous sodium sulfate are added to the vial and mixed well. Extra sodium sulfate is added when necessary to assure the sample is dried. A surrogate, spike compound mix (if necessary) and eight mLs of 80/20 iso-octane/ acetone are added to the vial. The vial is shaken for 30 seconds, allowed to settle for 2 minutes, shaken again for 30 seconds, and allowed to settle for 10 minutes. If sample is colored the extract is cleaned-up using concentrated sulfuric acid. An aliquot of the extract is transferred to an autosampler vial.

3. GC-ECD Analysis - A sample aliquot is injected into an HP5890 GC with an ECD linked to an HP ChemStation for data processing. PCBs were identified by matching retention times of standards to the same retention time in the sample. Regression analysis was performed on each of the selected peak's height verses concentration of the standard using a LN/LN transformed linear regression. For PCBs nine peaks were selected for quantification. The ug/mL value for each peak was added together and divided by the number of peaks selected to obtain the total PCB ug/mL result. If an interference occurred at any of the peaks, these peaks were not included in the total, and the divisor was reduced accordingly.

4. Quality Control - Quality control consisted of the following items:
   - Continuing calibration standards analyzed every ten samples or less and at the end of a run.
   - Blank and LCS samples analyzed every twenty sample or less with a minimum of one per day.
   - MS/MSD samples analyzed every twenty samples or less with a minimum of one per day.
   - Information is documented in logbook 40 and daily run sheets.
   - Blind duplicate samples were collected in the field and analyzed by the mobile laboratory. Blind duplicate sample results are summarized at the end of Table 1.

5. Instrument Conditions - Two HP5890 gas chromatographs were equipped with RTX-35 capillary columns. Each system had a Leap Technologies A200S auto-sampler and both were linked to an HP ChemStation for data handling.

Table 1
Material used to Backfill Properties
Soil Sample Results

Table 1
Backfill Samples
Crystal Springs, Mississippi
PCB Concentrations Detected in Soil

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth (ft bgs)	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
1921	Back Fill		21-Apr-01	11:10	21-Apr-01	< 0.10
1923	Top Soil		23-Apr-01	13:45	23-Apr-01	< 0.10
2078	JEP-BKF-002		04-May-01	8:27	04-May-01	< 0.10
2079	JEP-BKF-001		04-May-01	8:25	04-May-01	< 0.10
2080	JEP-BKF-003		04-May-01	8:30	04-May-01	< 0.10
2094	JEP-BKF-004		04-May-01	15:00	04-May-01	< 0.10
2096	PKP-BKF-001		05-May-01	13:30	07-May-01	< 0.10
2097	PKP-BKF-002		05-May-01	14:20	07-May-01	< 0.10
2098	PKP-BKF-003		05-May-01	16:15	07-May-01	< 0.10
2130	JEP-BKF-005		11-May-01	9:40	11-May-01	< 0.10
2131	JEP-BKF-006		11-May-01	14:45	11-May-01	< 0.10
2135	JEP-BKF-005		12-May-01	12:45	15-May-01	< 0.10
2136	JEP-BKF-006		12-May-01	12:46	15-May-01	< 0.10
2137	JEP-BKF-007		12-May-01	12:47	15-May-01	< 0.10
10849	Borrow Material		19-Apr-01	14:29	19-Apr-01	< 0.10
10850	Borrow Material		19-Apr-01	14:30	19-Apr-01	< 0.10

Table 2
Material used to Backfill Properties
QC Samples

Table 2
QC Summary

Lab # associated with qc samples: 1921

	Matrix Spike 1921	Matrix Spike Duplicate 1921	Blank 175	LCS 175
Date Analyzed:	4/21/01	4/21/01	4/21/01	4/21/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	90.8		93.4		-3%	< 0.1	85

Table 2
QC Summary

Lab # associated with qc samples: 1923

	Matrix Spike 1923	Matrix Spike Duplicate 1923	Blank 176	LCS 176
Date Analyzed:	4/23/01	4/23/01	4/23/01	4/23/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	128		131		-2%	< 0.1	99.6

Table 2
QC Summary

Lab # associated with qc samples: 2078 through 2080 and 2094

	Matrix Spike 2078	Matrix Spike Duplicate 2078		Blank 187	LCS 187
Date Analyzed:	5/4/01	5/4/01		5/4/01	5/4/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	95.2		93.4		2%	< 0.1	92.8

Table 2
QC Summary

Lab # associated with qc samples: 2130 through 2131

	Matrix Spike 2131	Matrix Spike Duplicate 2131	Blank 192	LCS 192
Date Analyzed:	5/11/01	5/11/01	5/11/01	5/11/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	100		99.4		1%	< 0.1	94

Table 2
QC Summary

Lab # associated with qc samples: 2135 through 2137

	Matrix Spike 2136	Matrix Spike Duplicate 2136		Blank 193	LCS 193
Date Analyzed:	5/15/01	5/15/01		5/15/01	5/15/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	91.6		102		-11%	< 0.1	92.4

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway S.E.
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain, NC 28711

May 4, 2001

Report Number: G442-12

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
Mark Randall

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate 1850
Client Project ID: Kuhlman Electric
Lab Sample ID: 18812
Lab Project ID: G442-12
Matrix: Soil %SOLIDS: 84.0

Date Collected: 4/17/01
Date Received: 4/20/01
Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96	96

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID:	Duplicate 1862	Date Collected:	4/18/01
Client Project ID:	Kuhlman Electric	Date Received:	4/20/01
Lab Sample ID:	18813	Date Analyzed:	4/26/01
Lab Project ID:	G442-12	Analyzed By:	CLP
Matrix:	Soil %SOLIDS: 86.4	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate 1878
Client Project ID: Kuhlman Electric
Lab Sample ID: 18814
Lab Project ID: G442-12
Matrix: Soil %SOLIDS: 86.8

Date Collected: 4/19/01
Date Received: 4/20/01
Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	90	90

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ES-003
Client Project ID: Kuhlman Electric
Lab Sample ID: 18815
Lab Project ID: G442-12
Matrix: Soil %SOLIDS: 84.1

Date Collected: 4/17/01
Date Received: 4/20/01
Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	**770**
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	79	79

*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: MJ

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-019
Client Project ID: Kuhlman Electric
Lab Sample ID: 18816
Lab Project ID: G442-12
Matrix: Soil %SOLIDS: 80.4

Date Collected: 4/18/01
Date Received: 4/20/01
Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	75	75

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-027
Client Project ID: Kuhlman Electric
Lab Sample ID: 18817
Lab Project ID: G442-12
Matrix: Soil %SOLIDS: 88.9

Date Collected: 4/18/01
Date Received: 4/20/01
Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	83	83

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID:	PKP-EFS-004	Date Collected:	4/17/01
Client Project ID:	Kuhlman Electric	Date Received:	4/20/01
Lab Sample ID:	18818	Date Analyzed:	4/26/01
Lab Project ID:	G442-12	Analyzed By:	CLP
Matrix:	Soil %SOLIDS: 83.8	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	92	92

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

Results for PCBs
by EPA 8082

Client Sample ID:	PKP-EFS-009	Date Collected:	4/18/01
Client Project ID:	Kuhlman Electric	Date Received:	4/20/01
Lab Sample ID:	18819	Date Analyzed:	4/26/01
Lab Project ID:	G442-12	Analyzed By:	CLP
Matrix:	Soil %SOLIDS: 87.4	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	79	79

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-029
Client Project ID: Kuhlman Electric
Lab Sample ID: 18820
Lab Project ID: G442-12
Matrix: Soil %SOLIDS: 85.5

Date Collected: 4/19/01
Date Received: 4/20/01
Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	67	67

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-003
Client Project ID: Kuhlman Electric
Lab Sample ID: 18821
Lab Project ID: G442-12
Matrix: Soil %SOLIDS: 88.0

Date Collected: 4/19/01
Date Received: 4/20/01
Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	98	98

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: SLCS 32
Lab Project ID: G442-12
Matrix: Soil

Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	305	219	406

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	4/26/01
Client Project ID:	Kuhlman	Analyzed By:	CLP
Lab Sample ID:	SQC 32	Dilution:	1.0
Lab Project ID:	G442-12		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	932	93%	764	76%	19.8

Comments:
BQL = Below Quantitation Limit
Results reported are on-column amounts in ug/L

Reviewed By:

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: Blk 4/23/01
Lab Project ID: G442-12
Matrix: Soil

Date Collected: N/A
Date Received: N/A
Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	111	111

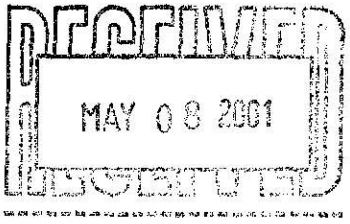
Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway S.E.
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

May 4, 2001

Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain, NC 28711



Report Number: G442-13

Client Project ID: Kulhman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
Mark Randall

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate
Client Project ID: Kulhman Electric
Lab Sample ID: 19011
Lab Project ID: G442-13
Matrix: Soil %SOLIDS: 81.9

Date Collected: 4/20/01
Date Received: 4/24/01
Date Analyzed: 5/1/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	63	63

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-032
Client Project ID: Kulhman Electric
Lab Sample ID: 19012
Lab Project ID: G442-13
Matrix: Soil %SOLIDS: 80.9

Date Collected: 4/20/01
Date Received: 4/24/01
Date Analyzed: 5/1/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	74	74

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID:	PKP-ESS-024	Date Collected:	4/20/01
Client Project ID:	Kulhman Electric	Date Received:	4/24/01
Lab Sample ID:	19013	Date Analyzed:	5/1/01
Lab Project ID:	G442-13	Analyzed By:	CLP
Matrix:	Soil %SOLIDS: 92.0	Dilution:	1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	170	BQL
Aroclor-1221	170	BQL
Aroclor-1232	170	BQL
Aroclor-1242	170	BQL
Aroclor-1248	170	BQL
Aroclor-1254	170	BQL
Aroclor-1260	170	BQL
Aroclor-1262	170	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	94	94

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-004
Client Project ID: Kulhman Electric
Lab Sample ID: 19014
Lab Project ID: G442-13
Matrix: Soil %SOLIDS: 85.8

Date Collected: 4/19/01
Date Received: 4/24/01
Date Analyzed: 5/1/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	78	78

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-019
Client Project ID: Kulhman Electric
Lab Sample ID: 19015
Lab Project ID: G442-13
Matrix: Soil %SOLIDS: 85.9

Date Collected: 4/19/01
Date Received: 4/24/01
Date Analyzed: 5/1/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	52	52

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: JW

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-001
Client Project ID: Kulhman Electric
Lab Sample ID: 19016
Lab Project ID: G442-13
Matrix: Soil %SOLIDS: 87.6

Date Collected: 4/19/01
Date Received: 4/24/01
Date Analyzed: 5/1/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	84	84

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Mtehod Blank
Client Project ID:
Lab Sample ID: Blk 4/26/01
Lab Project ID: G442-13
Matrix: Soil

Date Collected: N/A
Date Received: N/A
Date Analyzed: 5/1/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96	96

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Report of Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: SLCS 32
Lab Project ID: G442-13
Matrix: Soil

Date Analyzed: 4/26/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits Lower	Limits Upper
Aroclor 1260	313	305	219	406

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs

by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	4/26/01
Client Project ID:	Kuhlman	Analyzed By:	CLP
Lab Sample ID:	SQC 32	Dilution:	1.0
Lab Project ID:	G442-13		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	932	93%	764	76%	19.8

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway S.E.
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

May 15, 2001

Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain, NC 28711

Report Number: G442-16

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
Mark Randall

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-048
Client Project ID: Kuhlman Electric
Lab Sample ID: 19457
Lab Project ID: G442-16
Matrix: Soil %SOLIDS: 81.5

Date Collected: 4/30/01
Date Received: 5/1/01
Date Analyzed: 5/7/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	45	45

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate
Client Project ID: Kuhlman Electric
Lab Sample ID: 19458
Lab Project ID: G442-16
Matrix: Soil %SOLIDS: 87.1

Date Collected: 4/30/01
Date Received: 5/1/01
Date Analyzed: 5/7/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	71	71

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-042
Client Project ID: Kuhlman Electric
Lab Sample ID: 19459
Lab Project ID: G442-16
Matrix: Soil %SOLIDS: 87.8

Date Collected: 4/30/01
Date Received: 5/1/01
Date Analyzed: 5/7/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	**Spike Added**	**Spike Result**	**Percent Recovered**
TCMX	100	85	85

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs

by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	5/7/01
Client Project ID:	Kuhlman	Analyzed By:	CLP
Lab Sample ID:	SQC 33	Dilution:	1.0
Lab Project ID:	G442-16		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	1033	103%	832	83%	21.6

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: SLCS 33
Lab Project ID: G442-16
Matrix: Soil

Date Analyzed: 5/7/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	258	219	406

Reviewed By:

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: Blk 5/4/01
Lab Project ID: G442-16
Matrix: Soil

Date Collected: N/A
Date Received: N/A
Date Analyzed: 5/7/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96	96

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway S.E.
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

June 4, 2001

Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain, NC 28711

Report Number: G442-19

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
Mark Randall

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-047-02
Client Project ID: Kuhlman Electric
Lab Sample ID: 19823
Lab Project ID: G442-19
Matrix: Soil %SOLIDS: 84.4

Date Collected: 5/3/01
Date Received: 5/8/01
Date Analyzed: 5/15/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	43	43

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP Duplicate
Client Project ID: Kuhlman Electric
Lab Sample ID: 19824
Lab Project ID: G442-19
Matrix: Soil %SOLIDS: 81.2

Date Collected: 5/3/01
Date Received: 5/8/01
Date Analyzed: 5/15/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	58	58

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-036
Client Project ID: Kuhlman Electric
Lab Sample ID: 19825
Lab Project ID: G442-19
Matrix: Soil %SOLIDS: 75.8

Date Collected: 5/3/01
Date Received: 5/8/01
Date Analyzed: 5/15/01
Analyzed By: CLP
Dilution: 1

Compound	*Quantitation* Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	210	BQL
Aroclor-1221	210	BQL
Aroclor-1232	210	BQL
Aroclor-1242	210	BQL
Aroclor-1248	210	BQL
Aroclor-1254	210	BQL
Aroclor-1260	210	**380**
Aroclor-1262	210	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
DBC	100	53	53

*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-036-02
Client Project ID: Kuhlman Electric
Lab Sample ID: 19826
Lab Project ID: G442-19
Matrix: Soil %SOLIDS: 90.3

Date Collected: 5/5/01
Date Received: 5/8/01
Date Analyzed: 5/15/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	170	BQL
Aroclor-1221	170	BQL
Aroclor-1232	170	BQL
Aroclor-1242	170	BQL
Aroclor-1248	170	BQL
Aroclor-1254	170	BQL
Aroclor-1260	170	BQL
Aroclor-1262	170	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	61	61

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Blind Duplicate
Client Project ID: Kuhlman Electric
Lab Sample ID: 19827
Lab Project ID: G442-19
Matrix: Soil %SOLIDS: 82.3

Date Collected: 5/5/01
Date Received: 5/8/01
Date Analyzed: 5/15/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	67	67

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-BKF-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 19828
Lab Project ID: G442-19
Matrix: Soil %SOLIDS: 85.6

Date Collected: 5/5/01
Date Received: 5/8/01
Date Analyzed: 5/16/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	83	83

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: Blk 5/9/01
Lab Project ID: G442-19
Matrix: Soil

Date Collected: N/A
Date Received: N/A
Date Analyzed: 5/15/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	170	BQL
Aroclor-1221	170	BQL
Aroclor-1232	170	BQL
Aroclor-1242	170	BQL
Aroclor-1248	170	BQL
Aroclor-1254	170	BQL
Aroclor-1260	170	BQL
Aroclor-1262	170	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	72	72

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: SLCS 35
Lab Project ID: G442-19
Matrix: Soil

Date Analyzed: 5/16/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits Lower	Upper
Aroclor 1260	313	219	219	406

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs

by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	5/16/01
Client Project ID:	Kuhlman	Analyzed By:	CLP
Lab Sample ID:	SQC 35	Dilution:	1.0
Lab Project ID:	G442-19		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	520	52%	701	70%	29.6

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway S.E.
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

June 13, 2001

Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain, NC 28711

Report Number: G442-21

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call for assistance. We will be happy to answer any questions or concerns which you may have.

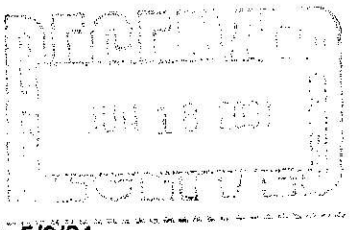
Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
Mark Randall

PARADIGM ANALYTICAL LABORATORIES, INC.



Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-041
Client Project ID: Kuhlman Electric
Lab Sample ID: 20310
Lab Project ID: G442-21
Matrix: Soil %SOLIDS: 94.5

Date Collected: 5/9/01
Date Received: 5/16/01
Date Analyzed: 5/30/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	160	BQL
Aroclor-1221	160	BQL
Aroclor-1232	160	BQL
Aroclor-1242	160	BQL
Aroclor-1248	160	BQL
Aroclor-1254	160	BQL
Aroclor-1260	160	**530**
Aroclor-1262	160	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	71	71

*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: MAR

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-049
Client Project ID: Kuhlman Electric
Lab Sample ID: 20311
Lab Project ID: G442-21
Matrix: Soil %SOLIDS: 86.4

Date Collected: 5/9/01
Date Received: 5/16/01
Date Analyzed: 5/30/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	170	BQL
Aroclor-1221	170	BQL
Aroclor-1232	170	BQL
Aroclor-1242	170	BQL
Aroclor-1248	170	BQL
Aroclor-1254	170	BQL
Aroclor-1260	170	BQL
Aroclor-1262	170	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	50	50

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: Mon

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-Duplicate
Client Project ID: Kuhlman Electric
Lab Sample ID: 20312
Lab Project ID: G442-21
Matrix: Soil %SOLIDS: 84.2

Date Collected: 5/9/01
Date Received: 5/16/01
Date Analyzed: 5/30/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	BQL
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	42	42

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-041-02
Client Project ID: Kuhlman Electric
Lab Sample ID: 20313
Lab Project ID: G442-21
Matrix: Soil %SOLIDS: 91.4

Date Collected: 5/11/01
Date Received: 5/16/01
Date Analyzed: 5/30/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	170	BQL
Aroclor-1221	170	BQL
Aroclor-1232	170	BQL
Aroclor-1242	170	BQL
Aroclor-1248	170	BQL
Aroclor-1254	170	BQL
Aroclor-1260	170	**580**
Aroclor-1262	170	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	43	43

*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: MDV

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-042
Client Project ID: Kuhlman Electric
Lab Sample ID: 20314
Lab Project ID: G442-21
Matrix: Soil %SOLIDS: 88.0

Date Collected: 5/11/01
Date Received: 5/16/01
Date Analyzed: 5/30/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	250	BQL
Aroclor-1221	250	BQL
Aroclor-1232	250	BQL
Aroclor-1242	250	BQL
Aroclor-1248	250	BQL
Aroclor-1254	250	BQL
Aroclor-1260	250	**300**
Aroclor-1262	250	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	51	51

*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-Duplicate
Client Project ID: Kuhlman Electric
Lab Sample ID: 20315
Lab Project ID: G442-21
Matrix: Soil %SOLIDS: 86.2

Date Collected: 5/11/01
Date Received: 5/16/01
Date Analyzed: 5/30/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	180	BQL
Aroclor-1221	180	BQL
Aroclor-1232	180	BQL
Aroclor-1242	180	BQL
Aroclor-1248	180	BQL
Aroclor-1254	180	BQL
Aroclor-1260	180	**350**
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	68	68

*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: MA

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs

by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	6/6/01
Client Project ID:	Kuhlman	Analyzed By:	CLP
Lab Sample ID:	SQC 37	Dilution:	1.0
Lab Project ID:	G442-21		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	697	70%	635	64%	9.3

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: SLCS 37
Lab Project ID: G442-21
Matrix: Soil

Date Analyzed: 6/6/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	303	219	406

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID: Kuhlman Electric
Lab Sample ID: SBlk 5/18/01
Lab Project ID: G442-21
Matrix: Soil %SOLIDS: 100.0

Date Collected:
Date Received:
Date Analyzed: 5/30/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	200	BQL
Aroclor-1221	200	BQL
Aroclor-1232	200	BQL
Aroclor-1242	200	BQL
Aroclor-1248	200	BQL
Aroclor-1254	200	BQL
Aroclor-1260	200	BQL
Aroclor-1262	200	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	83	83

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID: Kuhlman Electric
Lab Sample ID: SBlk 5/22/01
Lab Project ID: G442-21
Matrix: Soil

%SOLIDS: 100.0

Date Collected:
Date Received:
Date Analyzed: 5/30/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	200	BQL
Aroclor-1221	200	BQL
Aroclor-1232	200	BQL
Aroclor-1242	200	BQL
Aroclor-1248	200	BQL
Aroclor-1254	200	BQL
Aroclor-1260	200	BQL
Aroclor-1262	200	BQL

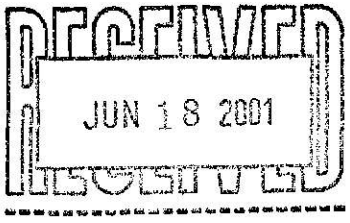
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	41	41

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway S.E.
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

June 13, 2001

Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain, NC 28711



Report Number: G442-24

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
Mark Randall

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-050
Client Project ID: Kuhlman Electric
Lab Sample ID: 20656
Lab Project ID: G442-24
Matrix: Soil

%SOLIDS: 81.3

Date Collected: 5/18/01
Date Received: 5/22/01
Date Analyzed: 6/4/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96	96

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-051
Client Project ID: Kuhlman Electric
Lab Sample ID: 20657
Lab Project ID: G442-24
Matrix: Soil %SOLIDS: 82.8

Date Collected: 5/18/01
Date Received: 5/22/01
Date Analyzed: 6/4/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	91	91

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: MOL

Results for PCBs
by EPA 8082

Client Sample ID: PKP Duplicate
Client Project ID: Kuhlman Electric
Lab Sample ID: 20658
Lab Project ID: G442-24
Matrix: Soil %SOLIDS: 82.8

Date Collected: 5/18/01
Date Received: 5/22/01
Date Analyzed: 6/4/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	220	BQL
Aroclor-1221	220	BQL
Aroclor-1232	220	BQL
Aroclor-1242	220	BQL
Aroclor-1248	220	BQL
Aroclor-1254	220	BQL
Aroclor-1260	220	BQL
Aroclor-1262	220	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	89	89

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: MA

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP-ESS-
Client Project ID: Kuhlman Electric
Lab Sample ID: 20659
Lab Project ID: G442-24
Matrix: Soil %SOLIDS: 80.0

Date Collected: 5/21/01
Date Received: 5/22/01
Date Analyzed: 6/4/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	190	BQL
Aroclor-1221	190	BQL
Aroclor-1232	190	BQL
Aroclor-1242	190	BQL
Aroclor-1248	190	BQL
Aroclor-1254	190	BQL
Aroclor-1260	190	BQL
Aroclor-1262	190	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	83	83

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: WO

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: PKP Duplicate
Client Project ID: Kuhlman Electric
Lab Sample ID: 20660
Lab Project ID: G442-24
Matrix: Soil %SOLIDS: 78.6

Date Collected: 5/21/01
Date Received: 5/22/01
Date Analyzed: 6/4/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	250	BQL
Aroclor-1221	250	BQL
Aroclor-1232	250	BQL
Aroclor-1242	250	BQL
Aroclor-1248	250	BQL
Aroclor-1254	250	BQL
Aroclor-1260	250	BQL
Aroclor-1262	250	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	81	81

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: MQ

Results for PCBs
by EPA 8082

Client Sample ID: PKP-EFS-007-02
Client Project ID: Kuhlman Electric
Lab Sample ID: 20661
Lab Project ID: G442-24
Matrix: Soil %SOLIDS: 78.7

Date Collected: 5/21/01
Date Received: 5/22/01
Date Analyzed: 6/4/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	260	BQL
Aroclor-1221	260	BQL
Aroclor-1232	260	BQL
Aroclor-1242	260	BQL
Aroclor-1248	260	BQL
Aroclor-1254	260	BQL
Aroclor-1260	260	BQL
Aroclor-1262	260	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
DBC	100	53	53

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs

by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	6/4/01
Client Project ID:	Kuhlman	Analyzed By:	CLP
Lab Sample ID:	SQC 39	Dilution:	1.0
Lab Project ID:	G442-24		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	1232	123%	1138	114%	7.9

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L.

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: SLCS 39
Lab Project ID: G442-24
Matrix: Soil

Date Analyzed: 6/4/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	326	219	406

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID: Kuhlman Electric
Lab Sample ID: SBlk 5/25/01
Lab Project ID: G442-24
Matrix: Soil
%SOLIDS: 100.0

Date Collected:
Date Received:
Date Analyzed: 6/4/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	160	BQL
Aroclor-1221	160	BQL
Aroclor-1232	160	BQL
Aroclor-1242	160	BQL
Aroclor-1248	160	BQL
Aroclor-1254	160	BQL
Aroclor-1260	160	BQL
Aroclor-1262	160	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	95	95

Comments:
BQL = Below Quantitation Limit
NA = Not applicable, surrogate diluted out.

Reviewed By:

EXCAVATION SPLS

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road, Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 003012

17AP01

Page 1 of 1

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Project Number:
Project Name: KUHLMAN ELECTRIC
Project Location: CRYSTAL SPRINGS MISS
Sampled By (Print): CHUCK PEEL

Mail Report To:
Company: MARTIN + SLAGLE
Address: KELLUM ~~RD~~ PROPERTY
410 LEES,
2 WRONG # K 23AP01

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-BS-001	17AP01	1004	S	1	NA	PCB² 0-6"		1841
-002	↓	1005	↓	↓	↓	↓		1842
-003	↓	1006	↓	↓	↓	↓		1843
EFS-001	↓	1305	↓	↓	↓	↓		1844
-002	↓	1307	↓	↓	↓	↓		1845
-003	↓	1310	↓	↓	↓	↓		1846
-004	↓	1605	↓	↓	↓	↓		1847
-005	↓	1610	↓	↓	↓	↓		1848
-006	↓	1614	↓	↓	↓	↓	1849	~~1489~~
DUP 4/17/01	↓	NA	↓	↓	↓	↓	1850	~~1490~~

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time:	Received By:	Date/Time:
Charles Peel	4/17/01 1015	R. Johnson 10:20	17AP01
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Receipt Temp:
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EXCAVATION SPOIL

CHAIN OF CUSTODY

No. 003031

Page 1 of 2

18APO1

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS, MISS.
Sampled By (Print):	CHUCK PERL

Mail Report To:	
Company:	MARTIN & SCHAGER
Address:	KELLUM PROPERTY 412 LEE ST.

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-RFS-007	18APO1	1328	S	1	NA	PCB		1851
008		1331						1852
009		1335						1853
010		1338						1854
011		1340						1855
012		1343						1856
013		1345						1857
014		1347						1858
015		1350						1859
016		1352						1860
017		1355						1861
DUPLICATE18APO1	↓	18NA	↓	↓	↓	↓		1862

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time: 4/18/01 1400	Received By:	Date/Time: 18APO1
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
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CHAIN OF CUSTODY

No. 003032 *

Page 2 of 2

18APO1

Project Number:	
Project Name: KUHLMAN ELECTRIC	
Project Location: CRYSTAL SPRINGS, MISS.	
Sampled By (Print): CHUCK PEEL	

Mail Report To:	
Company: MARTIN & SCAGLE	
Address: KELLUM PROPERTY 412 LEE ST.	

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.: Quote No.:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EFS-018	18APO1	1404	S	1	NA	PCB[21]		1863
019		1407						1864
020		1411						1865
021		1414						1866
022		1417					SPLIT WITH DEQ	1867
023		1422						1868
024		1425						1869
025		1445						1870
026		1446						1871
027		1450						1872
028	↓	1453	↓	↓	↓	↓		1873

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:		Date/Time: 4/18/01 1500	Received By: 15:45	Date/Time: 18APO1
Relinquished By:		Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent	Intact/Not Intact	Seal #'s	Receipt Temp:	
Shipped Via:			Temp Blank Y N	

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EXCAVATION SPLS

CHAIN OF CUSTODY

No. 003037 *

19AP01 AP 24AP01 WRONG MONTH

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS MISS
Sampled By (Print):	CHUCK PEEL
Mail Report To:	
Company:	MARTIN + SCAGLE
Address:	
Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-ESS-012	19AP01	1642	S	1	NA	PCB's		1898
013	↓	1645	↓	↓	↓	↓		1899
014	↓	1650	↓	↓	↓	↓		1900
015	↓	1652	↓	↓	↓	↓		1901
016	↓	1655	↓	↓	↓	↓		1902
017	↓	1658	↓	↓	↓	↓		1903
018	↓	1700	↓	↓	↓	↓		1904
019	↓	1703	↓	↓	↓	↓		1905
020	↓	1705	↓	↓	↓	↓		1906
021	↓	1708	↓	↓	↓	↓		1907
022	↓	1710	↓	↓	↓	↓		1908

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time:	Received By:	Date/Time:
Charles O. M. Peel	4/19/01 1715	Richard W Wilson 1720	19APR01
Relinquished By:	Date/Time:	Received By:	Date/Time:

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EXCAVATION SPLS

CHAIN OF CUSTODY

No. 003033 *

Page 1 of 3

19APO1

Project Number:	Mail Report To:
Project Name: KOHLMAN ELECTRIC	Company: MARTINI SLAGLE
Project Location: CRYSTAL SPRINGS, MISS	Address:
Sampled By (Print): CHUCK PEEL	

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.: Quote No.:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EFS-029	19APO1	1022	S	1	NA	PCB Σ		1874
030		1030						1875
031		1036						1876
032		1040						1877
DUPLICATE 19APO1		—						1878
PKP-EFS-033		1117						1879
034		1120						1880
035		1122						1881
036		1125						1882
037		1128						1883
038		1133						1884
039		1510						1885

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel	Date/Time: 4/6/01 1110	Received By: Robson 1120	Date/Time: 19APO1
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

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CHAIN OF CUSTODY No. 003036 *

Page 2 of 3

19MAY01

Project Number:		Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAL ELECTRIC		Company: MARZIN & SLAGLE	Report Due:
Project Location: CRYSTAL SPRINGS, MISS.		Address:	Invoice To:
Sampled By (Print): CHUCK PEEL			Company:
			Address:
			P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EFS-040	19MAY01	1510	S	1	NA	PCB²		1886
ESS-002		1545						1887
003		1527						1888
004		1529						1889
005		1531						1890
006		1538						1891
007		1533						1892
008		1540						1893
009		1549						1894
001		1522						1895
010		1633						1896
011	↓	1640	↓	↓	↓	↓		1897

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: Charles O. M. Peel	Date/Time: 4/19/01 1555	Received By: R Johnson 1600	Date/Time: 19APR01
	Relinquished By:	Date/Time:	Received By:	Date/Time:

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EXCAVATION SPLS

CHAIN OF CUSTODY

No. 003038 *

Page 1 of 1

20APO1

Project Number:	Mail Report To:
Project Name: CRYSTAL SPRING, MISS	Company: MARTIN & SCRAGG
Project Location: KUHLMAN ELECTRIC	Address:
Sampled By (Print): CHUCK PEEL	

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EFS-032	20APO1	1017	S	1	NA	PCB 21	RBX	1909
033		1020						1910
039		1022						1911
040		1025						1912
BLIND DUPLICATE		—						1913
PKP-EFS-031		1240						1914
PKP-BSS-023		1520						1915
024		1524						1916
025		1526						1917
026		1530						1918
027		1532						1919
028		1535						1920

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Charles O. M. Peel	Date/Time: 4/20/01 1040	Received By: R Johnson 1045	Date/Time: 20APO1
Relinquished By:	Date/Time:	Received By:	Date/Time:

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CHAIN OF CUSTODY

No. 003039

Page 1 of 1

21 APR 01

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Project Number:
Project Name: KOHLMAN ELECTRIC
Project Location: CRYSTAL SPRINGS MISS
Sampled By (Print): CHUCK PEEL

Mail Report To:
Company: MARTIN-SCAGLE
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
BACK FILL	21APR01	1110	S	1	NA	PCB 21		1921
PKP-ES-004	✓	1125	✓	✓	✓	✓		1922

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel	Date/Time: 4/21/01 1140	Received By: R Johnson	Date/Time: 21APR01 1145
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
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CHAIN OF CUSTODY No. 003040 *

23APO1

Page 1 of 1

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SCHAGLE
Project Location: CRYSTAL SPRINGS MS	Address:
Sampled By (Print): CHUCK PEEL	

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
TOPSOIL	23APO1	1345	S	1	NA	PCB[2]		1923

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel	Date/Time: 4/22/01 1355	Received By: R Jolson 1400	Date/Time: 23APO1
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

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CHAIN OF CUSTODY

No. 003046 *

Page 1 of 1

30APR01

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS, MISS
Sampled By (Print):	CHUCK PRIL

Mail Report To:	
Company:	MARTIN & SCHAGER
Address:	

WRITING ERROR IN 3M401

PKP Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
KFP-EFS-041	30APR01	1200	S	1	NA	PCB's		1964
042		1203						1965
043		1210						1966
044		1215						1967
045		1218						1968
046		1222						1969
047		1225						1970
048		1230						1971
DUPLICATE 4/30/01	↓	NA	↓	↓	↓	↓		1972

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time: 4/30/01 1255	Received By:	Date/Time: 30APR01
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
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CHAIN OF CUSTODY

No. 003054 *

Page 1 of 2

03MY01

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Project Number:
Project Name: KUHLMAN ELECTRIC
Project Location: CRYSTAL SPRINGS, MISS.
Sampled By (Print): CHUCK PEEL

Mail Report To:
Company: MARTIN & SCAGLE
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EFS-043-02	3/29/01	1530	S	1	NA	PCB's		2032
044		1534						2033
045		1536						2034
046		1550						2035
047		1554						2036
048		1557						2037
PKP-DUPLICATE		—						2038
PKP-ESS-029		1701						2039
030		1703						2040
031		1705						2041
032		1707						2042
033		1709						2043

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chas E. Peel	Date/Time: 5/3/01 1615	Received By: R Johnson	Date/Time: 16/20 4/1 03MY01
Relinquished By:	Date/Time:	Received By: W RNB	Date/Time: 03MY01

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
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EXCAVATION SAS

CHAIN OF CUSTODY

No. 003055 *

Page 2 of 2

3MY01

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN2 SCHAGER
Project Location: CRYSTAL SPRINGS MISS	Address: [redacted] KELLUM
Sampled By (Print): CHUCK PEEL	

Turn Around (circle one) Normal Rush
Report Due:
Invoice To:
Company:
Address:
P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-ESS-034	03MY01	1712	S	1	NA	PCB's		2044
035		1715						2045
036		1717						2046
037		1720						2047
038		1724						2048
039		1727						2049
040		1730						2050

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel — Date/Time: 5/5/01 1745
Relinquished By: — Date/Time:

Received By: RJohnson 1750 — Date/Time: 03MY01
Received By: — Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
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Receipt Temp:
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CHAIN OF CUSTODY

No. 003061 *

Page 1 of 1

74401

Project Number:	
Project Name: KUHLMAN ELECTRIC	
Project Location: CRYSTAL SPRINGS MILL	
Sampled By (Print): CHUCK PERL	

Mail Report To:	
Company: MARTIN & SCHAGLE	
Address:	

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.: Quote No.:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-ESS-036-02	5/4/01	1245	S	1	NA	PCB's		2095
PKP-BKF-001	"	1330	"	"	"	"		2096
" " -002	"	1420	"	"	"	"		2097
" " -003	"	1615	"	"	"	"		2098
BLIND DUPLICATE	"	—	"	"	"	"		2099

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time: 5/7/01 1535	Received By:	Date/Time: 74401
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
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CHAIN OF CUSTODY

No. 003064

Page 1 of 1

090401

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
		Report Due:
		Invoice To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN SCAGER	Company:
Project Location: CRYSTAL SPRINGS. MISS	Address:	Address:
Sampled By (Print): CHUCK PEEL		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-ESS-~~037~~ 041 (1)	9/4/01	1030	S	1	NA	PCB 2		2104
PKP-EFS-049	↓	1025	↓	↓	↓	↓		2105
PKP DUPLICATE	↓	—	↓	↓	↓	↓		2106

(1) WRONG # 12/11/4/01

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: Chuck Peel	Date/Time: 9/4/01 1040	Received By: Richard Johnson 1050	Date/Time: 090401
	Relinquished By:	Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent	Intact/Not Intact	Seal #'s	Receipt Temp: Temp Blank Y N	
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CHAIN OF CUSTODY

No. 003063 *

Page 1 of 1

11MY01

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC	Company: MARTIN SCHAGLE	Report Due:
Project Location: CRYSTAL SPRINGS, MISS.	Address:	Invoice To:
Sampled By (Print): CHUCK PEEL		Company:
		Address:
		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-ESS-041-02	11MY01	1705	S	1	NA	PCB 21		2132
PKP-ESS-042	"	1710	"	"	"	"		2133
PKP DUPLICATE	"	—	"	"	"	"		2134

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Charles Peel	Date/Time: 5/11/01 1725	Received By: R Johnson 1730	Date/Time: 11MY01
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

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CHAIN OF CUSTODY No. 003071

Page 1 of 2

160401

Project Number:	
Project Name: KUHLMAN ELECTRIC	
Project Location: CRYSTAL SPRINGS MISS.	
Sampled By (Print): CHUCK PEEL	

Mail Report To:	
Company: MARTIN & SCHAGLE	
Address:	

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.: Quote No.:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
SKID STOOR BUCKET 1840	16MY01 APO	0940	WIPE	1	NA	PCB 2°	① WRONG MONTH BY 24MY01	2145
TRACK HOE BUCKET TB025		0928						2146
TRACK HOE TRACK TB025		0925						2147
PWPEWS-001		0947						2148
002		0948						2149
003		0950						2150
004		0952						2151
005		0954						2152
006		0956						2153
007		0958						2154
008		1538						2155
009		~~1040~~	1541			WRONG TIME BY 16MY01		2156

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel	Date/Time: 5/16/01 0955	Received By: RJohnson 1000	Date/Time: 16MY01
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Receipt Temp:
Temp Blank Y N

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Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 003072 *

Page 2 of 2

160401

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS MISS
Sampled By (Print):	CHUCK PREC

Mail Report To:	
Company:	MARTIN SEACOR
Address:	

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-BWS-018	5/16/01	1543	WIPE	1	NA	PCB's		2157
" " -010		1640						2158
BLANK		1536						2159
PKP-BWS-011		1643						2160
" " 012		1645						2161
" " 013		1647						2162
" " 014		1649						2163
" " 015		1652						2164
" " 016		1654						2165
" " 017		1655						2166

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time: 5/16/01 1685	Received By:	Date/Time: 160401
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
Temp Blank Y N

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(WIPES)

CHAIN OF CUSTODY

No. 003074

Page 1 of 2

170401

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS MISS
Sampled By (Print):	CHUCK PEEL

Mail Report To:	
Company:	MARTIN X SCAGLE
Address:	

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
BLANK	5/17/01	1340	WIPE	1	NA	PCB's		2172
PKP-RWS-019		1342						2173
020		1344						2174
021		1346						2175
022		1348						2176
023		1350						2177
024		1352						2178
025		1414						2179
026		1415						2180
027		1417						2181
028		1419						2182
029		1420						2183

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Chuck Peel	Date/Time:	5/17/01 1405
Relinquished By:		Date/Time:	
Received By:	R Johnson		1410
Received By:			
Date/Time:			170401
Date/Time:			

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Receipt Temp:
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WIPES

CHAIN OF CUSTODY

No. 003075 *

Page 2 of 2

174401

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS MISS.
Sampled By (Print):	CHUCK PEEL

Mail Report To:	
Company:	MARTIN DISCAGLE
Address:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-RWS-030	174401	1422	WIPE	1	NA	PCB's		2184
031		1423						2185
032		1424						2186
033		1425						2187
034		1426						2188
035		1428						2189
036		1432						2190
037		1434						2191
038		1436						2192
								~~2193~~
							#174401 NOT USED	~~2194~~
								~~2195~~

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Clarke Peel	Date/Time:	5/17/01 1510
Relinquished By:		Date/Time:	

Received By:	R Johnson	1515	Date/Time: 174401
Received By:			Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
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CHAIN OF CUSTODY

No. 003077 *

Page 1 of 1

18MY01

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN SCIAGLE
Project Location: CRYSTAL SPRINGS, MISS	Address:
Sampled By (Print): CHUCK PEEL	

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.: Quote No.:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EFS-050	18MY01	1210	S	1	NA	PCB Σ		2193
051	↓	1213	↓	↓	↓	↓		2194
PKP DUPLICATE	↓	—	↓	↓	↓	↓		2195

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Charles Peel	Date/Time: 5/18/01 1235	Received By: BJohnson 1240	Date/Time: 18MY01
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
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WIPE SPLS

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CHAIN OF CUSTODY

No. 003076 ❋

Page 1 of 2

18MAY01

Project Number:
Project Name: KUHLMAN ELECTRIC
Project Location: CRYSTAL SPRINGS MISS
Sampled By (Print): CHUCK PEEL

Mail Report To:
Company: MARTIN & SCAGLE
Address:

Turn Around (circle one) Normal Rush
Report Due:
Invoice To:
Company:
Address:
P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
WIPE BLANK	18MAY01		WIPE	1	NA	PCB's		2196
PKP-EWS-039		1400						2197
040		1402						2198
041		1404						2199
042		~~1408~~ 1405				- WRONG TIME B 18MAY01		2200
043		1407						2201
044		1408						2202
045		1620					2207	~~2203~~
046		1622					2208	~~2204~~
047		1624					2209	~~2205~~
048		1626					2210	~~2206~~
049		1628					2211	~~2207~~

WRONG # B 18MAY01

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Charles Peel Date/Time: 5/18/01 1425 Received By: R. [signature] 1430 Date/Time: 18MAY01

Relinquished By: Date/Time: Received By: Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via:

Receipt Temp:
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WIPE SPC

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CHAIN OF CUSTODY

No. 003079 *

Page 2 of 2

18MY01

Project Number:		Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC		Company: MARTIN & SCHAGER	Report Due:
Project Location: CRYSTAL SPRINGS, MISS		Address:	Invoice To:
Sampled By (Print): CHUCK PEEL			Company:
			Address:
			P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EWS-050	18MY01	1629	WIPE	1	NA	PCB[2]		2212
051		1630						2213
052		1631						2214
053		1632						2215
054		1633						2216
055		1634						2217
056		1635						2218
057		1636						2219
058		1637						2220
059		1640						2221

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Charles Peel	Date/Time: 5/18/01 1700	Received By: RJohnson 1705	Date/Time: 18MY01	
Relinquished By:	Date/Time:	Received By:	Date/Time:	

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
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CHAIN OF CUSTODY

WIPES

No. 003081 *

Page 2 of 4

19MY01

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS MISS
Sampled By (Print):	CHUCK PEEL
Mail Report To:	
Company:	MARTIN + SLAGLE
Address:	
Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	
Quote No.:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EWS-0782	19MY01	0845	WIPE	1	NA	PCB		2235
0783	↓	0846	↓	↓	↓	↓		2236
0784	↓	0847	↓	↓	↓	↓		2237
0785	↓	0849	↓	↓	↓	↓		2238
0786	↓	0850	↓	↓	↓	↓		2239
0787	↓	0851	↓	↓	↓	↓		2240
0788	↓	0853	↓	↓	↓	↓		2241
0789	↓	0854	↓	↓	↓	↓		2242
0780	↓	0855	↓	↓	↓	↓		2243
0881	↓	0856	↓	↓	↓	↓		2244
0882	↓	0859	↓	↓	↓	↓		2245
WIPE BLANK	↓	0825	↓	↓	↓	↓		2246

NUMBERING ERROR 19MY01

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel	Date/Time: 5/19/01 1055	Received By: R Johnson 1000	Date/Time: 19MY01
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via:
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CHAIN OF CUSTODY

(WIPE)

03080 *

Page 1 of 4

19MY01

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS, MISS
Sampled By (Print):	CHUCK PEEL

Mail Report To:	
Company:	MARTIN & SCAGGS
Address:	

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EWS-060	19May01	0827	WIPE	1	NA	PCB's		2223
061		0829						2224
062		0831						2225
063		0832						2226
064		0834						2227
065		0835						2228
066		0837						2229
067		0838						2230
068		0839						2231
069		0840						2232
070		0842						2233
071		0843						2234

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Chuck Peel	Date/Time:	5/19/01 0940
Relinquished By:		Date/Time:	
Received By:	R Allen		0945
Received By:			
Date/Time:			19May01
Date/Time:			

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:

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WIPES CHAIN OF CUSTODY

No. 003083 *

Page 3 of 4

19M401

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS MISS
Sampled By (Print):	CHUCK PEEL

Mail Report To:	
Company:	MARTIN & SCAGLE
Address:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EWS-083	19MY01	0942	WIPE	1	NA	PCB[2]		2247
084		0943						2248
085		0944						2249
086		0945						2250
087		0947						2251
088		0948						2252
089		0950						2253
090		0952						2254
091		0954						2255
092		0955						2256
093		0956						2257
095		0957						2258

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Charles Peel	Date/Time: 5/19/01 1055
Relinquished By:		Date/Time:
Received By:	R Johnson	1100 Date/Time: 19M401
Received By:		Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
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WIPES

CHAIN OF CUSTODY

No. 003082 *

190401

Page 4 of 4

Turn Around (circle one) Normal Rush	
Report Due:	
Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS MISS
Sampled By (Print):	CHUCK PEEK
Mail Report To:	
Company:	MARTIN & SCAGLE
Address:	
Invoice To:	
Company:	
Address:	
P.O. No.:	
Quote No.:	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-EWS-096	19 MY01	0959	WIPES	1	NA	PCB's		2259
097	↓	1001	↓	↓	↓	↓		2260
098	↓	1002	↓	↓	↓	↓		2261
099	↓	1004	↓	↓	↓	↓		2262
100	↓	1005	↓	↓	↓	↓		2263
101	↓	1007	↓	↓	↓	↓		2264
102	↓	1008	↓	↓	↓	↓		2265
103	↓	1010	↓	↓	↓	↓		2266
104	↓	1012	↓	↓	↓	↓		2267
							Not received 19MY01	2268
								2269
								2270

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Charles Peel	Date/Time: 5/19/01 1105	Received By: R Jelson 1110	Date/Time: 19MY01
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

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Receipt Temp:

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EXCAVATION SPL

CHAIN OF CUSTODY No. 003084 *

Page 1 of 1

210401

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN SCHAGER
Project Location: CRYSTAL SPRINGS MISS	Address:
Sampled By (Print): CHUCK PEEL	

Turn Around (circle one) Normal Rush	
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKP-ESS-007-02	5/21/01	0820	S	1	NA	PCB's		2268
-008-02		0825						2269
ESS-033		0830						2270
-034		0833						2271
-035		0835						2272
PKP DUPLICATE		—						2273
PKP-ESS-036		0837						2274

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Charles Peel — Date/Time: 5/21/01 0905
Relinquished By: — Date/Time:

Received By: R Johnson 0910 — Date/Time: 210401
Received By: — Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

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Receipt Temp:
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WIPES

CHAIN OF CUSTODY

No. 003085

Page 1 of 2

214401

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUALTMAN ELECTRIC	Company: MA MINT CHAGLE	Report Due:
Project Location: CRYSTAL SPRINGS MISS	Address:	Invoice To:
Sampled By (Print): CHUCK PEEL		Company:
		Address:
		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
BLANK WIPE	5/21/01	—	WIPE	1	NA	CPCB's		2275
PKW-EWS-105		1225						2276
106		1226						2277
107		1227						2278
108		1228						2279
109		1229						2280
110		1230						2281
111		1231						2282
112		1232						2283
113		1234						2284
114		1235						2285
115		1237						2286

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel	Date/Time: 5/21/01 1245	Received By: RJohnson 1250	Date/Time: 214401
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:

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Environmental Chemistry Consulting Services, Inc.

CHAIN OF CUSTODY 003086

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21470 1

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SLAGLE	Report Due:
Project Location: CRYSTAL SPRINGS MISS	Address:	Invoice To:
Sampled By (Print): CHUCK PEEL		Company:
		Address:
		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
PKW-EWS-116	21 MAY 01	1315	WIPE	1	NA	PCB's		2287
117		1316						2288
118		1317						2289
119		1318						2290
120		1319						2291

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel	Date/Time: 5/21/01 1330	Received By: R Johnson 1335	Date/Time: 21470 1
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
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Receipt Temp:
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CHAIN OF CUSTODY No. 003030 *

Page 1 of 1

19440|

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KOHLER ELECTRIC	Company: MARTIN SCHOOL	Report Due:
Project Location: CRYSTAL SPRINGS MISS	Address:	Invoice To:
Sampled By (Print): CHUCK PERL		Company:
		Address:
		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
BORROW MATERIAL	19APO1	1429	S	NA	1	PCB[2]		10849
↓ ↓	↓	1430	S	NA	1	↓		10850

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methenol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck O'M. Perl 1435	Date/Time: 4/20/01	Received By: R Folson 1440	Date/Time: 19APO1
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via:
Receipt Temp:
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Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 003039

Page ___ of ___

21 APR 01

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS MISS
Sampled By (Print):	CHUCK PEEL

Mail Report To:	
Company:	MARTIN-SCHAGLE
Address:	

Turn Around (circle one)	Normal Rush
Report Due:	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
BACK FILL	21APR01	1110	S	1	NA	PCB 25		1921
PKP-ES-004	↓	1125	↓	↓	↓	↓		1922

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Chuck Peel — Date/Time: 4/21/01 1140
Relinquished By: — Date/Time:

Received By: R Johnson 1145 — Date/Time: 21APR01
Received By: — Date/Time:

Custody Seal: Present/Absent — Intact/Not Intact — Seal #'s
Shipped Via:
Receipt Temp:
Temp Blank Y N

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02/13/2002 11:24 6082214889 ECCS PAGE 01

RADIGM AN[illegible]YTICAL LABORATORIES, INC.
27 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 1
Page 1 of

ent: MARTIN & SCAGG Project ID: KUNCHMAN ELECTRIC Date: 19APO1 Report To: MARTIN-SCAGG
dress: Contact: ROBERT MARTIN Turnaround: STD
dress: BLACK MOUNTAIN, NC Phone: 828 669 3929 Job Number:
ote #: Fax: P.O. Number: Invoice To:

Sample ID	Date	Time	Matrix	Preservatives	Analyses: PCB 8082	Comments: Please specify any special reporting requirements
						MOBIL LAB # G442-12
UPLICATE	4/17/01	NA	S	NA	X	1850
UPLICATE	4/18/01	NA				1862
UPLICATE	4/19/01	NA				1878
KP-ES-003	4/17/01	1006				1843
KP-~~ES~~ EFS 019 CP	4/18/01	1407				1864
KP-~~ES~~ EFS 027 CP	4/18/01	1450				1872
KP-EFS-004	4/17/01	1605				1847
KP-EFS-008	4/18/01	1335				CP ~~1853~~ 1847 1853
KP-EFS-024	4/19/01	1022				CP CP CP ~~1874~~ 1847 ~~1853~~ 1874
KP-EFS-003	4/19/01	1527				~~1874~~ ~~1527~~ 1888

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles O. M. Peel	4/19/01	1830	Julie Johnson	4/20/01	0925	5.5°C

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CON[illegible]TIONS

RADIGM ANALYTICAL
7 Northchase Parkway SE, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analysis Request

Page 1 of 1

Report To: MARTIN & SLAGLE

Invoice To:

ent: MARTIN & SLAGLE
dress:
dress: BLACK MTN, NC
iote #:

Project ID: Kuhlman Electric
Contact: Robert Martin
Phone: 828-669-3929
Fax:

Date: 4/23/01
Turnaround: STD
Job Number:
P.O. Number:

Sample ID	Date	Time	Matrix	Preservatives	Analyses: 8260 BTEX	Comments: Please specify any special reporting requirements
						mobile Lab #
						1913 G442-13
Duplicate	4/20/01	N/A	S	NA	X	1909
PKP-EFS-032	4/20/01	1017 ~~1019~~	S		X	1916
PKP-ESS-024	4/20/01	1524	S		X	1889
PKP-ESS-004	4/19/01	1529	S		X	1905
PKP-ESS-019	4/19/01	1703	S		X	1522
PKP ESS-001	4/19/01	1522	S	↓	X	

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles O. McLeod	4/23/01	1800	Jackie Johnson	4/24/01	0925	4.6°C

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

RADIGM AN YTICAL LABORATORIES, INC.
27 Northchase P way SE, Wilmington, NC 28405
ne: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custo Record & Analytical Request

COC#
Page 1 of 1

ent: MARTIN + SLAGLE | Project ID: KUYKENDALL ELECTRIC | Date: 03MY01 | Report To: ROBERT MARTIN
dress: BLACK MOUNTAIN, NC | Contact: ROBERT MARTIN | Turnaround: STD
dress: | Phone: 828-669-3925 | Job Number:
ote #: | Fax: | P.O. Number: | Invoice To:

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: PCB 8082											Comments: Please specify any special reporting requirements G442-19 MOBILE LAB#
KP-EFS-047-02	03MY01	1554	S	X				X											2036
KP DUPLICATE	03MY01	—	S	X				X											2038
KP-ESS-036	03MY01	1717	S	X				X											2046
KP-ESS-036-02	5/5/01	1245	S	X				X											2095
BLIND DUPLICATE	5/5/01	—	S	X				X											2099
KP-BKF-001	5/5/01	1330	S	X				X											2096

WATCH HOLD TIMES

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles Peel	5/7/01	1855	Julie Johnson	5/8/01	0950	23°C

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
7 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 1 Page 1 of 1

nt: MARTIN SCAGLE Project ID: KUHLMAN ELECTRIC Date:
lress: BLACK MOUNTAIN, NC Contact: ROBERT MARTIN Turnaround: STD
lress: Phone: 828-669-3925 Job Number:
te #: Fax: P.O. Number:

Report To: ROBERT MARTIN
Invoice To:

Sample ID	Date	Time	Matrix	Preservatives	Analyses	Comments: Please specify any special reporting requirements
				N/A	PCB's 8082	G442-21 MOBILE LAB #
SP-ESS-037	5/9/01	1030	S			2104
SP-EFS-049		1025				2105
SP-DUPLICATE		—				2106
SP-ESS-041-02	5/11/01	1705				2132
SP-ESS-042		1710				2133
SP-DUPLICATE		—				2134

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Eric Peel	5/15/01	1710	Julie Johnson	5/16/01	1014	2.8°C

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ARADIGM A[illegible]LYTICAL LABORATORIES, INC.
627 Northchase Parkway SE, Wilmington, NC 28405
hone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# [illegible]
Page 1 **of** ____

lient: MARTIN-SCAGLE **Project ID:** KUHLMAN ELECTRIC **Date:** 21 MY 01 **Report To:** ROBERT MARTIN
ddress: BLACK MOUNTAIN NC **Contact:** ROBERT MARTIN **Turnaround:** STD
ddress: ____ **Phone:** 828-669-3925 **Job Number:** ____
uote #: ____ **Fax:** ____ **P.O. Number:** ____ **Invoice To:** ____

Sample ID	Date	Time	*Matrix*	Preservatives: NA				Analyses: PCB-8082										Comments: Please specify any special reporting requirements G442-24 MOBILE #
PKP-EFS-050	5/18/01	1240	SOIL	X				✓										2193
↓ ↓ 051	↓	1243		↓				↓										2194
PKP DUPLICATE	↓	—		↓				↓										2195
PKP-ESS-	5/21/01			↓				↓										2272
PKP DUPLICATE		—		↓				↓										2273
~~PKP-ESS~~	WRONG			ID				21 MY 01										—
PKP-EFS-007-02		0820		↓				↓										2268

WATCH HOLD TIMES

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[signature]	5/21/01		[signature]	5/22/01	0950	3.0°C	NC ____ SC ____ Other ____

SEE REVERSE FOR
TERMS AND CONDITIONS

NO. 129998

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: Kellum Property

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: J0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTC
B - BAG
T - TRUCK
P - POUNC
Y - YARDS
O - OTHEF

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4-17-01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-02

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR

PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: Bobby Slawson

VEHICLE LICENSE NO./STATE: A-37186 MS

VEHICLE CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Bobby Slawson — DRIVER SIGNATURE

4-17-01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Bobby Slawson — DRIVER SIGNATURE

4-17-01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BEE LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURA

Carline Sheary — NAME OF AUTHORIZED AGENT

Carline Sheary — SIGNATURE

4/17/01 — RECEIPT DATE

TRANSPORTER RETAIN

NO. 121285

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: Kuhlman Property

PHONE NUMBER

STATE GENERATOR ID NUMBER

DESCRIPTION OF WASTE	QUANTITY	UNITS
~ SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: J0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTOI
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4-18-01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-04

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR

PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: Michael L. Merrell

VEHICLE LICENSE NO./STATE: NO 709

VEHICLE CERTIFICATION: Roll off

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Michael L. Merrell — DRIVER SIGNATURE

4-18-01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Michael L Merrell — DRIVER SIGNATURE

4-18-01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BEL LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURAT

NAME OF AUTHORIZED AGENT

SIGNATURE

4/18/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-7200 5

NO. 121286

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: KULLUM PROPERTY

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S BFI WASTE CODE: J0042 EXPIRE 02/01/01	20	YDS
DESCRIPTION OF WASTE BFI WASTE CODE		
DESCRIPTION OF WASTE BFI WASTE CODE		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/18/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-02

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR
PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: BOBBY SLAWSON

VEHICLE LICENSE NO./STATE: A3718G MS

VEHICLE CERTIFICATION: Roll off

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Bobby Slawson — DRIVER SIGNATURE

4/18/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Bobby Slawson — DRIVER SIGNATURE

4/18/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURAT

NAME OF AUTHORIZED AGENT

SIGNATURE

4/18/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121287

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: KUCLUM PROPERTY

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: ES86J0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/18/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-02

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR
PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: BOBBY SLAWSON

VEHICLE LICENSE NO/STATE: A3718LMS

VEHICLE CERTIFICATION: ROLL OFF

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Bobby Slawson — DRIVER SIGNATURE

4/18/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Bobby Slawson — DRIVER SIGNATURE

4/18/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURA

NAME OF AUTHORIZED AGENT

SIGNATURE

04/18/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121288

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: KULLUM PROPERTY

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: ESOIJ0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS. **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/18/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-04

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR
PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: Michael L. MERRELL

VEHICLE LICENSE NO./STATE: NO tag YET

VEHICLE CERTIFICATION: Roll off

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Michael L. Merrell — DRIVER SIGNATURE

4-18-01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Michael L. Merrell — DRIVER SIGNATURE

4-18-01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURAT

NAME OF AUTHORIZED AGENT

SIGNATURE

4/18/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121289

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: KUHLMAN PROPERTY

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: E58UJ0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTC
B - BAG
T - TRUCK
P - POUNC
Y - YARDS
O - OTHEF

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/18/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-04

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR
PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: BOBBY S LAWSON

VEHICLE LICENSE NO./STATE:

VEHICLE CERTIFICATION:

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

DRIVER SIGNATURE

4/18/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE

4/18/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURA

Earline Shearry — NAME OF AUTHORIZED AGENT

Earline Shearry — SIGNATURE

4/18/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121290

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: KUHLMAN PROPERTY

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: J0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/18/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-04

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR
PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: BOBBY LAWSON

VEHICLE LICENSE NO./STATE:

VEHICLE CERTIFICATION: ROLL OFF

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Bobby Lawson — DRIVER SIGNATURE

4/18/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Bobby Lawson — DRIVER SIGNATURE

4/18/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURAT

Earline Sheavry — NAME OF AUTHORIZED AGENT

Earline Sheavry — SIGNATURE

4/18/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121291

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: KUHLMAN PROPERTY

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: T201U0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/19/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-01

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR

PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: BOBBY SLAWSON

VEHICLE LICENSE NO./STATE: A7816 MS

VEHICLE CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

DRIVER SIGNATURE — 4/19/01 SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

DRIVER SIGNATURE — 4/19/01 DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURAT

NAME OF AUTHORIZED AGENT

SIGNATURE

04/19/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121292

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: KELLUM PROPERTY

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: 330J0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/19/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-02

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR

PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: BOBBY LAWSON

VEHICLE LICENSE NO./STATE: 37186

VEHICLE CERTIFICATION: ROLL OFF

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Bobby Lawson — DRIVER SIGNATURE

4/19/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Bobby Lawson — DRIVER SIGNATURE

4/19/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURA

NAME OF AUTHORIZED AGENT

SIGNATURE

4/19/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121293

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: KELLUM PROPERTY

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S BFI WASTE CODE: J0042 EXPIRE 02/01/01	20	YDS
DESCRIPTION OF WASTE BFI WASTE CODE		
DESCRIPTION OF WASTE BFI WASTE CODE		

D - DRUM
C - CARTC
B - BAG
T - TRUCK
P - POUNI
Y - YARDS
O - OTHEF

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/19/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-02

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR
PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: BOBBY LAWSON

VEHICLE LICENSE NO./STATE: 37186

VEHICLE CERTIFICATION: ROLL OFF

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Bobby Lawson — DRIVER SIGNATURE

4/19/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Bobby Lawson — DRIVER SIGNATURE

4/19/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURA

Carlene Henry — NAME OF AUTHORIZED AGENT

Carlene Henry — SIGNATURE

4/19/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 129981

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: Kellum Property

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: T22TJC042 EXPIRE 02/01/01 10-12-01		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTC
B - BAG
T - TRUCK
P - POUNI
Y - YARDS
O - OTHEF

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS. **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4-26-01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-04

TRANSPORTER NAME: PORT SERVICES

ADDRESS: 2473 MCKAY CR

PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: Mike Merrell

VEHICLE LICENSE NO./STATE: No tag Plate

VEHICLE CERTIFICATION: Bobtail Box

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

X Michael J. Merrell — DRIVER SIGNATURE

4/26/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

4/26/01 Michael Merrell — DRIVER SIGNATURE

4/26/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURA

NAME OF AUTHORIZED AGENT

SIGNATURE

4/26/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121299

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 0656496-100

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: Kulum PROperty

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: J0042 EXPIRE 02/01/01		
DESCRIPTION OF WASTE	4	
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

4/26/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-04

TRANSPORTER NAME: SUPPORT SERVICES

ADDRESS: 2473 MCKAY CR

PEARL, MS 39208

PHONE NUMBER: 601-694-2343

DRIVER NAME: Michael L. Merrell

VEHICLE LICENSE NO./STATE: No tag Plate

VEHICLE CERTIFICATION: Roll off Box

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Michael L. Merrell — DRIVER SIGNATURE

4/26/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Michael L. Merrell — DRIVER SIGNATURE

4/26/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 1716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURA

NAME OF AUTHORIZED AGENT

SIGNATURE

04/26/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720C

NO. 121401

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 656496

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: Kellum PROPERTY
101 KULHMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER

STATE GENERATOR ID NUMBER

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE: 38JJ0042 EXPIRE 10/21/00		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CART
B - BAG
T - TRUCK
P - POUNI
Y - YARDS
O - OTHEI

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

5/5/00 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-02

TRANSPORTER NAME: T SERVICES

ADDRESS: P.O BOX 59
NEW HEBRON, MS 39208

PHONE NUMBER: 888-694-2343

DRIVER NAME: Michael L. Mauld

VEHICLE LICENSE NO./STATE: A 37186 MS

VEHICLE CERTIFICATION: ROLL - OFF

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Michael Mauld — DRIVER SIGNATURE

5/5/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Michael Mauld — DRIVER SIGNATURE

5/5/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCUR

Earline Shearry — NAME OF AUTHORIZED AGENT

Earline Shearry — SIGNATURE

5/5/01 — RECEIPT DATE

TRANSPORTER RETAIN

209-720

NO. 121400

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 656496 K ULLOM

GENERATOR

GENERATOR NAME: SYSTEM ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 601-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	20	YDS
BFI WASTE CODE 00942 EXPIRE 10/21/00		
DESCRIPTION OF WASTE		
BFI WASTE CODE		
DESCRIPTION OF WASTE		
BFI WASTE CODE		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

ALAN THOMAS — GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

6/6/01 — SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-02

TRANSPORTER NAME: T SERVICES

ADDRESS: P O BOX 59

NEW HEBRON, MS 39208

PHONE NUMBER: 388-694-2318

DRIVER NAME: BOBBY SLAWSON

VEHICLE LICENSE NO./STATE: A37197 MS

VEHICLE CERTIFICATION: ROLL OFF

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Bobby Slawson — DRIVER SIGNATURE

6/6/01 — SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Bobby Slawson — DRIVER SIGNATURE

6/6/01 — DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LIN'S-DIXIE LANDFILL

PHONE NUMBER: 800-963-2483

ADDRESS: 10 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURAT

NAME OF AUTHORIZED AGENT

SIGNATURE

06/06/01 — RECEIPT DATE

TRANSPORTER RETAIN

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

ALLIED WASTE INDUSTRIES, INC.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of

No. 26789

3. Generator's Name and Mailing Address
KUHLMAN ELECTRIC
101 KUHLMAN DR.
CRYSTAL SPRINGS, MS. 39059

Kellum Property

4. Generator's Phone ( )

5. Transporter 1 Company Name
SUPPORT SERVICES, PO BOX 69, NEW HEBRON, MS.

6. US EPA ID Number

A. Transporter's Phone 800-894-2343

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
BFI LITTLE DIXIE LANDFILL
1716 N. COUNTY LINE RD., RIDGELAND, MS. 39157

10. US EPA ID Number

C. Facility's Phone
601-982-9488

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. SOIL CONTAMINATED WITH PCB'S L38JJ0042 EXP 10-12-01	Roll	OFF	25	yd
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: ALAN THOMAS — Signature — Month / Day / Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name: X BOBBY SLAWSON — Signature: Bobby Slawson — Month: 06 Day: 11 Year: 01

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Earline Shearry — Signature: Earline Shearry — Month: 06 Day: 11 Year: 01

CANARY / TRANSPORTER

AWI Form# 121

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

ALLIED WASTE INDUSTRIES, INC.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of — No. 26790

3. Generator's Name and Mailing Address
KUHLMAN ELECTRIC
101 KUHLMAN DR.
CRYSTAL SPRINGS, MS. 39059

Kellum Property

4. Generator's Phone ( )

5. Transporter 1 Company Name: SUPPORT SERVICES, PO BOX 659, NEW HEBRON, MS. — 6. US EPA ID Number — A. Transporter's Phone 888-894-2343

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address
BFI LITTLE DIXIE LANDFILL
1716 N. COUNTY LINE RD., RIDGELAND, MS. 39157

10. US EPA ID Number

C. Facility's Phone
601-982-9488

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. SOIL CONTAMINATED WITH PCB'S L38JJ0042 EXP 10-12-01	Roll	OFF	25	yd
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: ALAN THOMAS — Signature — Month 06 Day 11 Year 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name: DAVID SILER — Signature — Month 06 Day 11 Year 01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed / Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name: Earline Shearry — Signature: Earline Shearry — Month 06 Day 11 Year 01

CANARY / TRANSPORTER

AWI Form# 121

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

ALLIED WASTE INDUSTRIES, INC.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of

No. 26317

3. Generator's Name and Mailing Address
KUHLMAN ELECTRIC
101 KUHLMAN DR.
CRYSTAL SPRINGS, MS. 39059

Kellum Property

4. Generator's Phone ( )

5. Transporter 1 Company Name
SUPPORT SERVICES, PO BOX 59, NEWHEBRON, MS.

6. US EPA ID Number

A. Transporter's Phone 388-684-2343

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
BFI LITTLE DIXIE LANDFILL
1716 N. COUNTY LINE RD., RIDGELAND, MS. 39157

10. US EPA ID Number

C. Facility's Phone
601-982-9488

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. SOIL CONTAMINATED WITH PCB'S L38JJ0042 EXP 10-12-01		Roll off	25	yd
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: ALAN THOMAS — Signature — Month 6 Day 13 Year 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name: Michael L. Merrell — Signature — Month 6 Day 13 Year 01

18. Transporter 2 Acknowledgement of Receipt of Materials

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name — Signature — Month 06 Day 13 Year 01

AWI Form# 121

CANARY / TRANSPORTER

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

ALLIED WASTE INDUSTRIES, INC.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of

No. 26786

3. Generator's Name and Mailing Address
KUHLMAN ELECTRIC
101 KUHLMAN DR.
CRYSTAL SPRINGS, MS. 39059

Kellum Property

4. Generator's Phone ( )

5. Transporter 1 Company Name
SUPPORT SERVICES, PO BOX 59, NEW HEBRON, MS.

6. US EPA ID Number

A. Transporter's Phone
888-394-2343

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
BFI LITTLE DIXIE LANDFILL
1716 N. COUNTY LINE RD., RIDGELAND, MS. 39157

10. US EPA ID Number

C. Facility's Phone
601-982-9488

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity
a. SOIL CONTAMINATED WITH PCB'S ~~L38JJ0042 EXP 10-12-01~~		Roll OFF	25
b.			
c.			
d.			

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Abov

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Wast

Printed / Typed Name ALAN THOMAS | Signature | Month 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name X DAVID SICER | Signature | Month 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed / Typed Name | Signature | Month

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name | Signature | Month 06

AWI F

CANARY / TRANSPORTER

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

ALLIED WASTE INDUSTRIES, INC.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of

No. 26319

3. Generator's Name and Mailing Address
KUHLMAN ELECTRIC
101 KUHLMAN DR.
CRYSTAL SPRINGS, MS. 39059

Kellum Property

4. Generator's Phone ( )

5. Transporter 1 Company Name
SUPPORT SERVICES, PO BOX 659, NEW PRESTON, MS.

6. US EPA ID Number

A. Transporter's Phone 601-894-2343

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
BFI LITTLE DIXIE LANDFILL
1716 N. COUNTY LINE RD., RIDGELAND, MS. 39157

10. US EPA ID Number

C. Facility's Phone
601-982-3488

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. SOIL CONTAMINATED WITH PCB'S L38JJ0042 EXP 10-12-01		Roll off	25	yd
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name: ALAN THOMAS — Signature — Month 06 Day 13 Year 01

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name: Michael L. Merrell — Signature — Month 6 Day 13 Year 01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed / Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name — Signature — Month 06 Day 13 Year 01

CANARY / TRANSPORTER

AWI Form# 121

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

ALLIED WASTE INDUSTRIES, INC.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

2. Page 1 of — No. 26320

GENERATOR

3. Generator's Name and Mailing Address
KUHLMAN ELECTRIC
101 KUHLMAN DR.
CRYSTAL SPRINGS, MS. 39059

Kellum Property

4. Generator's Phone ( )

5. Transporter 1 Company Name — SUPPORT SERVICES, PO BOX 69, NEW HEBRON, MS.

6. US EPA ID Number

A. Transporter's Phone 662-564-2343

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
BFI LITTLE DIXIE LANDFILL
1716 N. COUNTY LINE RD., RIDGELAND, MS. 39157

10. US EPA ID Number

C. Facility's Phone 601-982-9488

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity
a. SOIL CONTAMINATED WITH PCB'S I.38.JJ0042 EXP 10-12-01	1	Roll off	25
b.			
c.			
d.			

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Abov

15. Special Handling Instructions and Additional Information

TRANSPORTER

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Was

Printed / Typed Name ALAN THOMAS — Signature — Month 6

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name S. LAWSON — Signature — Month

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed / Typed Name — Signature — Month

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed / Typed Name — Signature — Month 6

AWI f

CANARY / TRANSPORTER

NO. 121399

NON-HAZARDOUS SPECIAL WASTE MANIFEST

BILL VENTURE 656496

GENERATOR

GENERATOR NAME: KUHLMAN ELECTRIC

ADDRESS: 101 KUHLMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER: 01-892-6462

GENERATING LOCATION: KUHLMAN ELECTRIC Kellum Property

ADDRESS: 101 KULHMAN DR

CRYSTAL SPRINGS, MS 39059

PHONE NUMBER:

STATE GENERATOR ID NUMBER:

DESCRIPTION OF WASTE	QUANTITY	UNITS
SOIL CONTAMINATED WITH LOW LEVELS OF PCB'S	93	YDS
BFI WASTE CODE: T30J00042 EXPIRE 10/21/00		
DESCRIPTION OF WASTE		
BFI WASTE CODE:		
DESCRIPTION OF WASTE	Roll Off	
BFI WASTE CODE:		

D - DRUM
C - CARTO
B - BAG
T - TRUCK
P - POUND
Y - YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL IS NOT A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS; **AND, IF THE WASTE IS A TREATMENT RESIDUE OF A PREVIOUSLY RESTRICTED HAZARDOUS WASTE** SUBJECT TO THE LAND DISPOSAL RESTRICTIONS, I CERTIFY AND WARRANT THAT THE WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR PART 268 AND IS NO LONGER A HAZARDOUS WASTE AS DEFINED BY 40 CFR PART 261.

X ALAN THOMAS
GENERATOR AUTHORIZED AGENT NAME

SIGNATURE

SHIPMENT DATE

TRANSPORTER

TRUCK NUMBER: T-02

TRANSPORTER NAME: ELLIOTT SERVICES

ADDRESS: P O BOX 59
NEW HEBRON, MS 39208

PHONE NUMBER: 888-694-2343

DRIVER NAME: BOBBY SLAWSON

VEHICLE LICENSE NO./STATE: 37186

VEHICLE CERTIFICATION:

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

Bobby Slawson
DRIVER SIGNATURE

6/15/01
SHIPMENT DATE

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS DELIVERED WITHOUT INCIDENT TO THE DESTINATION LISTED BELOW.

Bobby Slawson
DRIVER SIGNATURE

6/15/01
DELIVERY DATE

DESTINATION

SITE NAME BFI: BFI LITTLE DIXIE LANDFILL

PHONE NUMBER: 800-967-2488

ADDRESS: 716 N. COUNTY LINE ROAD, RIDGELAND, MS 39157

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURAT

Carlene Sheary
NAME OF AUTHORIZED AGENT

Carlene Sheary
SIGNATURE

6/15/01
RECEIPT DATE

TRANSPORTER RETAIN

209-720C

Photo 1 – View of the east side of the Kellum property front yard prior to excavation. Note the hackberry tree, flower beds, and concrete borders and pavers in the background.

Photo 2 – This view is looking north at the east side yard between the Kellum house and the garment shop building with the hackberry tree in the background prior to removal of impacted soil. The yard tools, pavers, fountain, and wood materials were disposed of, and the other non-porous articles were decontaminated.

Photo 3 – Yard furniture and other non-porous articles are being removed to the decontamination pad on the Kuhlman property for cleaning. The plastic covering prevents dust from blowing off of the articles.

Photo 4 – View looking north, of the eastern side yard of the Kellum property and the western side yard of the Garment Shop after removal of impacted soil.

Photo 5 – View looking northwest of the Kellum backyard during removal of soil.

Photo 6 – Cleaning of the hackberry tree roots. The "AirShovel®" unit is shown at the left of the photo. The plastic sheeting is used to cover the work area to provide security and eliminate splashing of water and soil outside the work area.

Photo 7 – Remediation crew spreading clean backfill over exposed tree roots following completion of the root washing process. Note the red flags marking confirmation-sampling locations within the root zone.

Photo 8 – View looking south between the Garment Shop building and the Kellum house showing exposed tree roots following removal of impacted soil using the "AirShovel®". The hose shown in the foreground is the vacuum hose used to remove the soil and water slurry.

Photo 9 – View of the Kellum house and yard after removal of impacted soil and placement of clean back fill. The area behind the temporary fence on the left side of the photo and the area with trees beside the driveway are awaiting root washing.

Photo 10 – View of the Kellum front yard looking east following removal of impacted soil and placement of clean soil. Planting areas are marked off on the ground with stones awaiting shrubs and bedding plants.

Photo 11 – Kellum driveway with clean backfill and gravel. New planting areas are visible on the left side of the photo and new fencing is being installed in the background. New sod is also present in the background. This view is looking south from Lee Avenue.

Photo 12 – View of the Kellum front yard after partial landscaping and new gravel is installed. This photo is taken from Lee Avenue looking toward the southeast.

Photo 13 – View of the eastern portion of the Kellum backyard after clean backfill and new sod is installed. A new chain link fenced dog lot is being installed in the background.

Photo 14 - View of the western portion of the Kellum backyard after clean backfill and new sod is installed.

DATA REVIEW SUMMARY
ECCS

	Acceptable	Unacceptable	Control Limits Met
Holding Times	√		
Completeness	√		
LCS	√		Yes
MS/MSD	√		Yes
MS/MSD/RPD	√		Yes
Blind Duplicates	√		Yes

DATA REVIEW SUMMARY
PARADIGM

	Acceptable	Unacceptable	Control Limits Met
Holding Times	√		
Completeness	√		
LCS	√		Yes
MS/MSD	√		Yes
MS/MSD/RPD	√		Yes
Blind Duplicates	√		Yes

Comparison of Fixed and Field Laboratory Split Sample Data

Sample ID	Date Collected	PCBs (1260)		
		Field Lab	Fixed Lab	RPD
PKP-ES-003	4/17/2001	5.000 E	0.770	**147%**
PKP-EFS-004	4/17/2001	< 0.100	< 0.190	0%
PKP-EFS-009	4/18/2001	< 0.100	< 0.180	0%
PKP-EFS-019	4/18/2001	< 0.100	< 0.190	0%
PKP-EFS-027	4/18/2001	0.400 J	< 0.180	NC5
PKP-EFS-029	4/19/2001	< 0.100	< 0.180	0%
PKP-ESS-003	4/19/2001	0.140	< 0.180	NC5
PKP-ESS-004	4/19/2001	< 0.100	< 0.180	0%
PKP-ESS-001	4/19/2001	0.230	< 0.180	NC5
PKP-ESS-019	4/19/2001	0.500	< 0.180	NC5
PKP-EFS-032-02	4/20/2001	< 0.100	< 0.190	0%
PKP-ESS-024	4/20/2001	0.140	< 0.170	NC5
PKP-EFS-042	4/20/2001	0.480	< 0.180	NC5
PKP-EFS-048	4/20/2001	3.200	< 0.190	NC
PKP-ESS-036	4/20/2001	2.500	0.380	**147%**
KFP-ESS-006	4/25/2001	1.100	< 0.180	**NC**
KFP-ESS-010	4/25/2001	< 0.100	< 0.190	0%
KFP-ESS-015	4/25/2001	3.300	0.460	**151%**
KFP-EFS-006	4/25/2001	0.150	< 0.180	NC5
KFP-ESS-020	4/26/2001	< 0.200	< 0.200	0%
KFP-ESS-024	4/26/2001	1.000	0.320	**103%**
JEP-EFS-002	5/2/2001	1.100	0.640	53%
JEP-EFS-013	5/2/2001	< 0.100	< 0.180	0%
JEP-EFS-015	5/2/2001	< 0.100	< 0.110	0%
JEP-EFS-029	5/2/2001	< 0.100	< 0.190	0%
JEP-EFS-037	5/2/2001	< 0.100	< 0.190	0%
JEP-ESS-007	5/2/2001	0.430	< 0.180	NC5
JEP-ESS-013	5/2/2001	< 0.100	< 0.200	0%
PKP-EFS-047-02	5/3/2001	0.240	< 0.180	NC5
JEP-EFS-044	5/3/2001	< 0.100	< 0.180	0%
JEP-ESS-025	5/3/2001	0.110	< 0.170	43%
JEP-EFS-059	5/3/2001	1.400	0.540	89%
KFP-EFS-010	5/4/2001	< 0.100	< 0.190	0%
KFP-ESS-025	5/4/2001	< 0.100	0.320	NC5

Acceptable = RPD <100% or NC5
Unacceptable = RPD >100% or NC
NC5 = Detection < 5 times
the other lab's quantitation limit.
NC = Not confirmed.

86% of data set = Acceptable

E= Estimated, exceeds calibration range
J= Elevated reporting limit due to the presence of toxaphene

Comparison of Fixed and Field Laboratory Split Sample Data

Sample ID	Date Collected	PCBs (1260)		
		Field Lab	Fixed Lab	RPD
JEP-ESS-028	5/4/2001	< 0.100	< 0.190	0%
JEP-EFS-061	5/4/2001	< 0.100	< 0.190	0%
PKP-ESS-036-02	5/5/2001	0.310	< 0.170	NC5
KFP-EFS-011	5/7/2001	< 0.100	< 0.200	0%
KFP-ESS-026	5/7/2001	0.120	< 0.200	50%
PKP-ESS-041	5/9/2001	1.400	0.530	90%
PKP-EFS-049	5/9/2001	0.440	< 0.170	NC5
JEP-EFS-002-02	5/10/2001	< 0.100	< 0.190	0%
JEP-ESS-031	5/10/2001	< 0.100	< 0.180	0%
PKP-ESS-041-02	5/11/2001	1.800	0.580	**103%**
PKP-ESS-042	5/11/2001	1.100	0.300	**114%**
JEP-EFS-064	5/11/2001	< 0.100	< 0.180	0%
JEP-EFS-066	5/11/2001	< 0.100	< 0.180	0%
JEP-ESS-040	5/11/2001	< 0.100	< 0.190	0%
GSP-ESS-001	5/15/2001	0.130	< 0.230	56%
GSP-ESS-003	5/15/2001	1.200	0.280	**124%**
GSP-ESS-006	5/18/2001	0.350	0.190	59%
GSP-EFS-003	5/18/2001	< 0.100	< 0.160	0%
PKP-EFS-050	5/18/2001	< 0.100	< 0.190	0%
PKP-EFS-051	5/18/2001	< 0.100	< 0.190	0%
PKP-ESS-035-02	5/21/2001	0.400	< 0.190	NC5
PKP-EFS-007-02	5/21/2001	< 0.100	< 0.260	0%

Acceptable = RPD <100% or NC5
Unacceptable = RPD >100% or NC
NC5 = Detection < 5 times
the other lab's quantitation limit.
NC = Not confirmed.

86% of data set = Acceptable

E= Estimated, exceeds calibration range
J= Elevated reporting limit due to the presence of toxaphene

FIXED LABORATORY BLIND DUPLICATE SAMPLE DATA

PCBs (Aroclor 1260)				
SAMPLE ID		FIXED LAB		
Sample	Duplicate	Sample	Duplicate	RPD
JEP-EFS-013	Duplicate	< 0.18	< 0.11	48.28%
JEP-EFS-044 [1]	JEP Duplicate	< 0.18	< 0.18	0.00%
JEP-EFS-061	Blind Duplicate	< 0.19	< 0.19	0.00%
JEP-EFS-002-02	JEP Duplicate	< 0.19	< 0.26	31.11%
JEP-EFS-064	JEP Duplicate	< 0.18	< 0.19	5.41%
JEP-EFS-056-02	JEP Duplicate	< 0.19	< 0.2	5.13%
KFP-ESS-002	Duplicate P	< 0.20	< 0.20	0.00%
KFP-EFS-009	Duplicate P	< 0.20	< 0.20	0.00%
KFP-EFS-006	Duplicate P 4/25/01	< 0.18	< 0.18	0.00%
KFP-ESS-020	Duplicate P 4/26/01	< 0.2	< 0.2	0.00%
KFP-EFS-010	KFP Duplicate	< 0.19	< 0.17	11.11%
KFP-EFS-011	KFP Duplicate	< 0.20	< 0.20	0.00%
PKP-EFS-004	Duplicate1850	< 0.190	< 0.190	0.00%
PKP-EFS-009	Duplicate 1862	< 0.180	< 0.180	0.00%
PKP-EFS-029	Duplicate 1878	< 0.180	< 0.180	0.00%
PKP-EFS-032-02 [2]	Duplicate	< 0.190	< 0.190	0.00%
PKP-EFS-042	Blind Duplicate	< 0.180	< 0.180	0.00%
PKP-BKF-001	Blind Duplicate	< 0.180	< 0.190	5.41%
PKP-EFS-049	PKP-Duplicate	< 0.170	< 0.180	5.71%
PKP-ESS-042	PKP-Duplicate	0.300	0.350	15.38%
PKP-EFS-050	Duplicate	< 0.190	< 0.220	14.63%
PKP-EFS-007-02	PKP-Duplicate	< 0.260	< 0.250	3.92%
GSP-ESS-001	GSP Duplicate	< 0.230	< 0.180	24.39%
GSP-EFS-003	GSP Duplicate	< 0.160	< 0.160	0.00%

Results reported in mg/kg

[1] = sample name is incorrect on paradigm chain of custudy

[2] = lacks -02 on c.oc.'s

FIELD LABORATORY BLIND DUPLICATE SAMPLE DATA

PCBs (Aroclor 1260)				
SAMPLE ID		FIELD LAB		
Sample	Duplicate	Sample	Duplicate	RPD
PKP-EFS-004	DUP 4/17/01	< 0.10	< 0.10	0.00%
KFP-EFS-006	Duplicate P 4/25/01	< 0.18	< 0.18	0.00%
KFP-ESS-020	Duplicate P 4/26/01	< 0.2	< 0.2	0.00%
PKP-EFS-009	DUP 4/18/01	< 0.10	< 0.10	0.00%
PKP-EFS-031	*Duplicate-1	0.97	0.79	20.45%
PKP-EFS-031	*Duplicate-2	0.97	1.10	12.56%
PKP-EFS-029	DUP 4/19/01	< 0.10	< 0.10	0.00%
PKP-EFS-032	BLIND DUP	2.30	< 0.10	183.33%
PKP-EFS-042	DUP 4/30/01	0.48	0.40	18.18%
PKP-BKF-001	BLIND DUP	< 0.10	< 0.10	0.00%
PKP-EFS-049	PKP-DUP	0.44	0.35	22.78%
PKP-ESS-042	PKP-DUP	1.10	0.86	24.49%
PKP-EFS-050	PKP-DUP	< 0.10	< 0.10	0.00%
PKP-EFS-007-02	PKP-DUP	< 0.10	< 0.10	0.00%
KFP-ESS-002	DUP 4/25/01	< 0.20	< 0.20	0.00%
KFP-EFS-009	DUP 4/26/01	< 0.20	< 0.20	0.00%
KFP-EFS-010	DUP 5/4/01	< 0.10	< 0.10	0.00%
KFP-EFS-011	DUP 5/7/01	< 0.10	< 0.10	0.00%
JEP-EFS-013	DUP 5/2/01	< 0.10	< 0.10	0.00%
JEP-EFS-044	DUP 5/3/01	< 0.10	< 0.10	0.00%
JEP-EFS-061	DUP 5/4/01	< 0.10	< 0.10	0.00%
JEP-EFS-002-02	DUP 5/10/01	< 0.10	< 0.10	0.00%
JEP-EFS-064	DUP 5/11/01	< 0.10	< 0.10	0.00%
JEP-EFS-056-02	DUP 5/17/01	< 0.10	< 0.10	0.00%
GSP-ESS-001	DUP GSP	0.13	< 0.10	26.09%
GSP-EFS-003	DUP GSP	1.2	< 0.10	169.23%

E = VALUE EXCEEDS CALIBRATION RANGE.

Reported in mg/kg