ANALYTICAL RESULTS FOR CONCRETE AND ASPHALT SAMPLES

Kuhlman Electric Corporation
Crystal Springs, Mississippi

Prepared for

BorgWarner Inc.

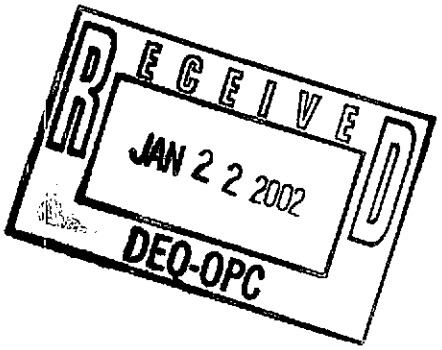
January 2002

GeoEnvironmental Associates, LLC | MARTIN&SLAGLE

GeoEnvironmental Associates, LLC | MARTIN & SLAGLE

ROBERT L. MARTIN, LG
Principal Geologist

CHRISTINE E. SLAGLE
Principal Scientist



January 18, 2002

Craig Brown
U.S. Environmental Protection Agency, Region 4
Atlanta Federal Center Building, 12th Floor
61 Forsyth Street, SW
Atlanta, Georgia 30303-8960

SUBJECT: Analytical Results for Concrete and Asphalt Samples
Kuhlman Electric Corporation Plant Site
Crystal Springs, Mississippi

Dear Mr. Brown:

Attached are the analytical results for concrete and asphalt samples collected from the Kuhlman Electric Corporation Plant Site in Crystal Springs, Mississippi. The samples were collected and analyzed in response to a requirement to provide this data that was stated in your letter of December 12, 2001 approving the *Remediation Work Plan for Kuhlman Electric Plant Site*. This information is submitted for your review and to request approval to dispose of the pavement material as described below.

A total of 116 asphalt and concrete samples were collected and analyzed for PCBs by the on-site laboratory. Of the total samples collected, 23 samples were split and/or prepared as blind duplicates and analyzed by an off-site fixed-base laboratory. All samples were collected and analyzed in accordance with the previously submitted and approved work plan. Included in this package are summary tables of results, laboratory data sheets, chains-of-custody, and a sample location map.

The analytical data generated for this study was validated with respect to sample handling, hold times, laboratory protocols, and comparison of duplicate samples and split samples. All data was found acceptable. Data validation information is not included in this package, but is included in the project file.

The map (Figure 1) attached to this correspondence shows the locations of the asphalt and concrete sample points. Sample points were distributed across the paved areas on the east and north sides of the plant building in locations where construction plans call for demolition and disposal of paving materials, and where the remediation plans call for removal of contaminated soil which underlies pavement. Figure 1 delineates the paved areas with concentrations of PCBs greater than 50 parts-per-million (ppm) and less than

828.669.3929 • 828.669.5289 Fax
PO Box 1023 • 208 Sutton Avenue • Black Mountain NC 28711

50 ppm that are destined for disposal. Paving materials included in the darker shaded area located near the northeast corner of the plant building will be segregated and disposed of at a Subtitle C landfill. The paving materials included in the lighter shaded area will be disposed of at a Subtitle D landfill.

Disposal of the pavement materials will be in accordance with the procedures described in the previously submitted and approved work plan and with the provisions included in this correspondence. If you have any questions or comments, please contact me at (828) 669-3929.

Sincerely,

MARTIN & SLAGLE GEOENVIRONMENTAL ASSOCIATES, L.L.C

Robert L. Martin, L.G.
Principal Geologist

Attachments

cc.: Anastasia Hamel
Tom Lupo
Chuck Peel
Tony Russell
Scott Schang
Al Thomas

ANALYTICAL RESULTS FOR CONCRETE AND ASPHALT SAMPLES

Kuhlman Electric Corporation
Crystal Springs, Mississippi

Prepared for

BorgWarner Inc.

January 2002

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arochlor 1260 Detected in Concrete/Asphalt

					Field Laboratory		Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
2500	KPP-AS-003	-	14-Nov-01	9:10	14-Nov-01	**1.3**		
2501	KPP-AS-004	-	14-Nov-01	9:45	14-Nov-01	**2.7**	4-Dec-01	7.6
2502	KPP-AS-005	-	14-Nov-01	10:05	14-Nov-01	**1.1**		
2503	Blind Dup	-	14-Nov-01	-	14-Nov-01	**1.3**	4-Dec-01	3.1
2504	KPP-AS-008	-	14-Nov-01	11:05	14-Nov-01	**3.8**		
2505	KPP-CO-007	-	14-Nov-01	10:45	14-Nov-01	< 0.10		
2506	KPP-CO-006	-	14-Nov-01	10:25	14-Nov-01	< 0.10		
2507	KPP-CO-010	-	14-Nov-01	12:37	14-Nov-01	**0.56**	3-Dec-01	0.37
2508	KPP-CO-011	-	14-Nov-01	12:47	14-Nov-01	**0.21**		
2509	KPP-AS-009	-	14-Nov-01	12:20	14-Nov-01	**23**		
2510	KPP-AS-012	-	14-Nov-01	13:15	14-Nov-01	< 0.10		
2511	KPP-AS-013	-	14-Nov-01	13:33	14-Nov-01	< 0.10		
2512	KPP-AS-014	-	14-Nov-01	13:45	14-Nov-01	**19**		
2513	KPP-AS-015	-	14-Nov-01	14:08	14-Nov-01	**1200**		
2514	KPP-AS-016	-	14-Nov-01	14:15	14-Nov-01	**670**		
2515	KPP-AS-017	-	14-Nov-01	14:34	14-Nov-01	**85**	4-Dec-01	62
2516	KPP-AS-018	-	14-Nov-01	14:43	14-Nov-01	**1.8**		
2517	KPP-AS-019	-	14-Nov-01	15:04	14-Nov-01	**0.29**		
2518	KPP-AS-020	-	14-Nov-01	15:13	14-Nov-01	**1.4**		
2519	KPP-AS-021	-	14-Nov-01	15:34	14-Nov-01	**4.6** [E]		
2520	KPP-AS-022	-	14-Nov-01	15:50	14-Nov-01	**0.14**		
2521	KPP-AS-023	-	14-Nov-01	16:07	14-Nov-01	**0.80**		
2522	KPP-AS-024	-	14-Nov-01	16:15	14-Nov-01	**0.74**		
2523	KPP-AS-025	-	14-Nov-01	16:34	14-Nov-01	**0.46**		
2524	KPP-AS-026	-	14-Nov-01	16:43	14-Nov-01	**0.47**		
2525	KPP-AS-027	-	15-Nov-01	7:42	15-Nov-01	**0.78**		
2526	KPP-AS-028	-	15-Nov-01	7:49	15-Nov-01	**2.8**		
2527	KPP-AS-030	-	15-Nov-01	8:15	15-Nov-01	**3.1**		
2528	KPP-AS-032	-	15-Nov-01	8:42	15-Nov-01	**1.4**		
2529	KPP-AS-034	-	15-Nov-01	9:10	15-Nov-01	**0.44**		
2530	Blind Dup	-	15-Nov-01	-	15-Nov-01	**11**	4-Dec-01	13
2531	KPP-AS-033	-	15-Nov-01	8:34	15-Nov-01	**0.90**		
2532	KPP-AS-035	-	15-Nov-01	9:24	15-Nov-01	**0.51**		
2533	KPP-CO-036	-	15-Nov-01	9:33	15-Nov-01	< 0.10		
2534	KPP-AS-029	-	15-Nov-01	8:08	16-Nov-01	**11**	4-Dec-01	7.7
2535	KPP-AS-031	-	15-Nov-01	8:33	15-Nov-01	< 0.10		
2536	KPP-AS-037	-	15-Nov-01	9:46	15-Nov-01	**0.55**	3-Dec-01	0.52
2537	KPP-AS-038	-	15-Nov-01	9:53	15-Nov-01	**0.18**		
2538	KPP-AS-039	-	15-Nov-01	10:09	15-Nov-01	**0.25**		
2539	KPP-AS-046	-	15-Nov-01	13:18	15-Nov-01	< 0.10		
2540	KPP-AS-047	-	15-Nov-01	13:28	15-Nov-01	**0.12**		
2541	KPP-CO-048	-	15-Nov-01	13:45	16-Nov-01	**0.32**		
2542	KPP-AS-049	-	15-Nov-01	13:54	15-Nov-01	**0.35**		
2543	KPP-AS-050	-	15-Nov-01	14:18	15-Nov-01	**0.30**		
2544	KPP-AS-051	-	15-Nov-01	14:23	16-Nov-01	**0.13**		
2545	KPP-AS-052	-	15-Nov-01	14:48	15-Nov-01	**0.50**		
2546	KPP-AS-053	-	15-Nov-01	14:55	15-Nov-01	< 0.10		
2547	KPP-AS-054	-	15-Nov-01	15:14	15-Nov-01	**0.15**		

NA = Not Analyzed
J = Elevated detection limit due to toxaphene interference
E = Estimated value, exceeds calibration range.

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arochlor 1260 Detected in Concrete/Asphalt

					Field Laboratory		Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
2548	KPP-CO-055	-	15-Nov-01	15:36	15-Nov-01	< 0.10	3-Dec-01	<0.020
2549	KPP-CO-056	-	15-Nov-01	15:54	15-Nov-01	< 0.10		
2550	KPP-CO-057	-	15-Nov-01	16:00	15-Nov-01	**0.21**		
2551	KPP-CO-063	-	16-Nov-01	9:00	16-Nov-01	< 0.10		
2552	KPP-CO-062	-	16-Nov-01	8:57	16-Nov-01	< 0.10		
2553	KPP-AS-044	-	16-Nov-01	9:39	16-Nov-01	**0.10**		
2554	KPP-CO-045	-	16-Nov-01	9:30	16-Nov-01	< 0.10		
2555	Blind Dup	-	16-Nov-01	-	16-Nov-01	< 0.10	3-Dec-01	<0.22
2556	KPP-CO-064	-	16-Nov-01	9:09	16-Nov-01	< 0.10		
2557	KPP-CO-065	-	16-Nov-01	9:17	16-Nov-01	< 0.10	3-Dec-01	<0.22
2558	KPP-CO-066	-	16-Nov-01	9:54	16-Nov-01	< 0.10		
2559	KPP-CO-067	-	16-Nov-01	10:17	16-Nov-01	< 0.10		
2560	KPP-CO-068	-	16-Nov-01	10:32	16-Nov-01	< 0.10		
2561	KPP-CO-069	-	16-Nov-01	10:41	16-Nov-01	< 0.10		
2562	KPP-CO-070	-	16-Nov-01	11:07	16-Nov-01	< 0.10		
2563	KPP-CO-071	-	16-Nov-01	11:11	16-Nov-01	< 0.10		
2564	KPP-CO-072	-	16-Nov-01	11:28	16-Nov-01	< 0.10		
2565	KPP-CO-073	-	16-Nov-01	11:34	16-Nov-01	< 0.10		
2572	KPP-AS-058	-	16-Nov-01	12:51	16-Nov-01	< 0.10		
2573	KPP-CO-059	-	16-Nov-01	12:58	16-Nov-01	< 0.10		
2574	KPP-CO-060	-	16-Nov-01	13:16	16-Nov-01	< 0.10		
2575	KPP-CO-061	-	16-Nov-01	13:19	16-Nov-01	< 0.10		
2576	KPP-CO-042	-	16-Nov-01	13:45	16-Nov-01	**0.69**	3-Dec-01	0.56
2577	KPP-CO-043	-	16-Nov-01	13:54	16-Nov-01	**0.15**		
2578	KPP-CO-000	-	16-Nov-01	15:37	16-Nov-01	**0.28**		
2579	KPP-CO-001	-	16-Nov-01	15:23	16-Nov-01	< 0.10		
2580	KPP-CO-002	-	17-Nov-01	8:49	17-Nov-01	**0.15**		
2581	KPP-CO-040	-	17-Nov-01	9:03	17-Nov-01	< 0.10	3-Dec-01	<0.16
2582	KPP-CO-041	-	17-Nov-01	8:41	17-Nov-01	< 0.10		
2583	Blind Dup		17-Nov-01	-	17-Nov-01	<0.10	3-Dec-01	<0.18
2896	KPP-CO-074	0-12"	4-Jan-02	12:30	4-Jan-02	**15**		
2896A	KPP-CO-074	-	4-Jan-02	12:30	5-Jan-02	**19**		
2896B	KPP-CO-074	-	4-Jan-02	12:30	5-Jan-02	**21**		
2897	KPP-CO-075	0-19"	4-Jan-02	15:04	4-Jan-02	**0.13**		
2898	KPP-CO-076	0-10"	4-Jan-02	15:35	4-Jan-02	< 0.10	10-Jan-02	<0.17
2899	KPP-CO-077	0-10"	4-Jan-02	15:45	4-Jan-02	< 0.10		
2900	KPP-CO-078	0-10"	4-Jan-02	16:08	4-Jan-02	**5.3**		
2901	KPP-CO-079	0-10"	4-Jan-02	16:32	4-Jan-02	< 0.10		
2902	KPP-CO-80	0-10"	5-Jan-02	8:08	5-Jan-02	**0.11**	10-Jan-02	<0.20
2903	KPP-CO-81	0-10"	5-Jan-02	8:14	5-Jan-02	< 0.10		
2904	KPP-CO-82	0-10"	5-Jan-02	8:28	5-Jan-02	< 0.10		
2905	KPP-CO-83	0-10"	5-Jan-02	8:35	5-Jan-02	< 0.10		
2906	KPP-CO-84	0-10"	5-Jan-02	8:52	5-Jan-02	< 0.10		
2907	KPP-AS-85	0-10"	5-Jan-02	9:04	5-Jan-02	**4.2**	10-Jan-02	5.4
2908	Blind Dup	0-10"	5-Jan-02	-	5-Jan-02	< 0.10	10-Jan-02	<0.21
2909	KPP-CO-87	0-10"	5-Jan-02	10:02	5-Jan-02	< 0.10		
2910	KPP-CO-88	0-10"	5-Jan-02	10:23	5-Jan-02	< 0.10		
2911	KPP-CO-89	0-10"	5-Jan-02	10:32	5-Jan-02	< 0.10		
2912	KPP-CO-86	0-10"	5-Jan-02	9:53	5-Jan-02	< 0.10	10-Jan-02	<0.16

NA = Not Analyzed
J = Elevated detection limit due to toxaphene interference
E = Estimated value, exceeds calibration range.

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arochlor 1260 Detected in Concrete/Asphalt

					Field Laboratory		Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Date Analyzed	Concentration (mg/kg)
2913	KPP-CO-90	0-10"	5-Jan-02	12:07	5-Jan-02	< 0.10		
2914	KPP-CO-91	0-3"	5-Jan-02	12:15	5-Jan-02	**1.1**		
2915	KPP-CO-92	0-10"	5-Jan-02	12:34	5-Jan-02	< 0.10		
2916	KPP-CO-93	0-10"	5-Jan-02	12:40	5-Jan-02	< 0.10		
2917	KPP-AS-94	0-6"	5-Jan-02	12:56	5-Jan-02	**0.30**		
2918	KPP-CO-95	0-10"	5-Jan-02	13:01	5-Jan-02	**0.18 ***		
2919	KPP-CO-96	0-3"	5-Jan-02	13:12	5-Jan-02	< 0.10		
2920	KPP-CO-97	0-3"	5-Jan-02	13:20	5-Jan-02	< 0.10	10-Jan-02	<0.17
2921	KPP-CO-98	0-6"	5-Jan-02	14:06	5-Jan-02	**8.2**		
2922	KPP-CO-99	0-10"	5-Jan-02	13:46	5-Jan-02	< 0.10		
2923	KPP-CO-100	0-10"	5-Jan-02	14:09	5-Jan-02	**0.17**		
2924	KPP-CO-103	0-10"	5-Jan-02	13:51	5-Jan-02	< 0.10		
2925	KPP-CO-101	0-10"	5-Jan-02	14:20	5-Jan-02	**1.2**		
2926	KPP-CO-102	0-6"	5-Jan-02	14:24	5-Jan-02	< 0.10		
2927	KPP-CO-104	0-6"	6-Jan-02	10:30	6-Jan-02	< 0.10	10-Jan-02	<0.16
2928	KPP-CO-105	0-6"	6-Jan-02	10:53	6-Jan-02	< 0.10		
2929	KPP-CO-106	0-6"	6-Jan-02	11:00	6-Jan-02	< 0.10		
2930	KPP-CO-107	0-6"	6-Jan-02	10:24	6-Jan-02	< 0.10		
2931	Blind Dup	-	6-Jan-02	-	6-Jan-02	< 0.10	10-Jan-02	<0.15
2932	KPP-AS-108	0-3"	6-Jan-02	13:02	6-Jan-02	**0.13**		
2933	KPP-AS-109	0-3"	6-Jan-02	13:06	6-Jan-02	< 0.10		
2934	KPP-AS-110	0-3"	6-Jan-02	13:08	6-Jan-02	< 0.10	10-Jan-02	<0.24
2935	KPP-AS-111	0-3"	6-Jan-02	13:10	6-Jan-02	< 0.10		
2936	KPP-AS-112	0-3"	7-Jan-02	8:20	8-Jan-02	**0.11**	10-Jan-02	<0.50
2942	KPP-AS-113	0-2"	7-Jan-02	12:37	8-Jan-02	**0.93**		

* = Contains Arochlor1242 at approximately the same level.

NA = Not Analyzed
J = Elevated detection limit due to toxaphene interference
E = Estimated value, exceeds calibration range.

January 11, 2002

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 around the former Borg Warner and current Kuhlman Electric facility 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

Concrete and Asphalt Results
November 14, 2001 to November 17, 2001
and
January 4, 2002 to January 7, 2002
Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

January 11, 2002

To: Robert Martin
Martin & Slagle, LLC

From: Richard Johnson
ECCS, Inc.

Re: Field Analytical Methods – QC Summary
Concrete and Asphalt Results
Crystal Springs, Mississippi

INTRODUCTION

This Technical Memorandum provides documentation of the field analytical test methods used to analyze concrete and asphalt samples collected during an investigation episode, November 14, 2001 to November 17, 2001 and January 4, 2002 to January 7, 2002 around the former Borg Warner and current Kuhlman Electric facility in Crystal Springs, Mississippi. Concrete and asphalt 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 followed by the chain-of-custody forms.

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 possible 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 investigation process on track while trying to maintain a goal of Level Three data quality.

CASE NARRATIVE

During the eight day episode, 118 samples were collected and analyzed. To maintain rapid turnaround and to meet the project objective, two GCs were operated.

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 - CONCRETE AND ASPHALT: 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. Asphalt samples are shaken for about 1 minute every 20 to 30 minutes for a minimum of two hours. The asphalt extracts are treated with concentrated sulfuric acid a minimum of three times prior to injecting on a gas chromatograph. 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. Results are reported in mg/kg.

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 part 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

Concrete and Asphalt Results
November 14, 2001 to November 17, 2001
and
January 4, 2002 to January 7, 2002

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arochlor 1260 Detected in Concrete/Asphalt

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
2500	KPP-AS-003	-	14-Nov-01	9:10	14-Nov-01	**1.3**
2501	KPP-AS-004	-	14-Nov-01	9:45	14-Nov-01	**2.7**
2502	KPP-AS-005	-	14-Nov-01	10:05	14-Nov-01	**1.1**
2503	Blind Dup	-	14-Nov-01	-	14-Nov-01	**1.3**
2504	KPP-AS-008	-	14-Nov-01	11:05	14-Nov-01	**3.8**
2505	KPP-CO-007	-	14-Nov-01	10:45	14-Nov-01	< 0.10
2506	KPP-CO-006	-	14-Nov-01	10:25	14-Nov-01	< 0.10
2507	KPP-CO-010	-	14-Nov-01	12:37	14-Nov-01	**0.56**
2508	KPP-CO-011	-	14-Nov-01	12:47	14-Nov-01	**0.21**
2509	KPP-AS-009	-	14-Nov-01	12:20	14-Nov-01	**23**
2510	KPP-AS-012	-	14-Nov-01	13:15	14-Nov-01	< 0.10
2511	KPP-AS-013	-	14-Nov-01	13:33	14-Nov-01	< 0.10
2512	KPP-AS-014	-	14-Nov-01	13:45	14-Nov-01	**19**
2513	KPP-AS-015	-	14-Nov-01	14:08	14-Nov-01	**1200**
2514	KPP-AS-016	-	14-Nov-01	14:15	14-Nov-01	**670**
2515	KPP-AS-017	-	14-Nov-01	14:34	14-Nov-01	**85**
2516	KPP-AS-018	-	14-Nov-01	14:43	14-Nov-01	**1.8**
2517	KPP-AS-019	-	14-Nov-01	15:04	14-Nov-01	**0.29**
2518	KPP-AS-020	-	14-Nov-01	15:13	14-Nov-01	**1.4**
2519	KPP-AS-021	-	14-Nov-01	15:34	14-Nov-01	**4.6** [E]
2520	KPP-AS-022	-	14-Nov-01	15:50	14-Nov-01	**0.14**
2521	KPP-AS-023	-	14-Nov-01	16:07	14-Nov-01	**0.80**
2522	KPP-AS-024	-	14-Nov-01	16:15	14-Nov-01	**0.74**
2523	KPP-AS-025	-	14-Nov-01	16:34	14-Nov-01	**0.46**
2524	KPP-AS-026	-	14-Nov-01	16:43	14-Nov-01	**0.47**
2525	KPP-AS-027	-	15-Nov-01	7:42	15-Nov-01	**0.78**
2526	KPP-AS-028	-	15-Nov-01	7:49	15-Nov-01	**2.8**
2527	KPP-AS-030	-	15-Nov-01	8:15	15-Nov-01	**3.1**
2528	KPP-AS-032	-	15-Nov-01	8:42	15-Nov-01	**1.4**
2529	KPP-AS-034	-	15-Nov-01	9:10	15-Nov-01	**0.44**
2530	Blind Dup	-	15-Nov-01	-	15-Nov-01	**11**
2531	KPP-AS-033	-	15-Nov-01	8:34	15-Nov-01	**0.90**
2532	KPP-AS-035	-	15-Nov-01	9:24	15-Nov-01	**0.51**
2533	KPP-CO-036	-	15-Nov-01	9:33	15-Nov-01	< 0.10
2534	KPP-AS-029	-	15-Nov-01	8:08	16-Nov-01	**11**
2535	KPP-AS-031	-	15-Nov-01	8:33	15-Nov-01	< 0.10
2536	KPP-AS-037	-	15-Nov-01	9:46	15-Nov-01	**0.55**
2537	KPP-AS-038	-	15-Nov-01	9:53	15-Nov-01	**0.18**
2538	KPP-AS-039	-	15-Nov-01	10:09	15-Nov-01	**0.25**
2539	KPP-AS-046	-	15-Nov-01	13:18	15-Nov-01	< 0.10
2540	KPP-AS-047	-	15-Nov-01	13:28	15-Nov-01	**0.12**
2541	KPP-CO-048	-	15-Nov-01	13:45	16-Nov-01	**0.32**
2542	KPP-AS-049	-	15-Nov-01	13:54	15-Nov-01	**0.35**

NA = Not Analyzed
J = Elevated detection limit due to toxaphene interference
E = Estimated value, exceeds calibration range.

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arochlor 1260 Detected in Concrete/Asphalt

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
2543	KPP-AS-050	-	15-Nov-01	14:18	15-Nov-01	**0.30**
2544	KPP-AS-051	-	15-Nov-01	14:23	16-Nov-01	**0.13**
2545	KPP-AS-052	-	15-Nov-01	14:48	15-Nov-01	**0.50**
2546	KPP-AS-053	-	15-Nov-01	14:55	15-Nov-01	< 0.10
2547	KPP-AS-054	-	15-Nov-01	15:14	15-Nov-01	**0.15**
2548	KPP-CO-055	-	15-Nov-01	15:36	15-Nov-01	< 0.10
2549	KPP-CO-056	-	15-Nov-01	15:54	15-Nov-01	< 0.10
2550	KPP-CO-~~060~~ 057 *	-	15-Nov-01	16:00	15-Nov-01	**0.21**
2551	KPP-CO-063	-	16-Nov-01	9:00	16-Nov-01	< 0.10
2552	KPP-CO-062	-	16-Nov-01	8:57	16-Nov-01	< 0.10
2553	KPP-AS-044	-	16-Nov-01	9:39	16-Nov-01	**0.10**
2554	KPP-CO-045	-	16-Nov-01	9:30	16-Nov-01	< 0.10
2555	Blind Dup	-	16-Nov-01	-	16-Nov-01	< 0.10
2556	KPP-CO-064	-	16-Nov-01	9:09	16-Nov-01	< 0.10
2557	KPP-CO-065	-	16-Nov-01	9:17	16-Nov-01	< 0.10
2558	KPP-CO-066	-	16-Nov-01	9:54	16-Nov-01	< 0.10
2559	KPP-CO-067	-	16-Nov-01	10:17	16-Nov-01	< 0.10
2560	KPP-CO-068	-	16-Nov-01	10:32	16-Nov-01	< 0.10
2561	KPP-CO-069	-	16-Nov-01	10:41	16-Nov-01	< 0.10
2562	KPP-CO-070	-	16-Nov-01	11:07	16-Nov-01	< 0.10
2563	KPP-CO-071	-	16-Nov-01	11:11	16-Nov-01	< 0.10
2564	KPP-CO-072	-	16-Nov-01	11:28	16-Nov-01	< 0.10
2565	KPP-CO-073	-	16-Nov-01	11:34	16-Nov-01	< 0.10
2572	KPP-AS-058	-	16-Nov-01	12:51	16-Nov-01	< 0.10
2573	KPP-CO-059	-	16-Nov-01	12:58	16-Nov-01	< 0.10
2574	KPP-CO-060	-	16-Nov-01	13:16	16-Nov-01	< 0.10
2575	KPP-CO-061	-	16-Nov-01	13:19	16-Nov-01	< 0.10
2576	KPP-CO-042	-	16-Nov-01	13:45	16-Nov-01	**0.69**
2577	KPP-CO-043	-	16-Nov-01	13:54	16-Nov-01	**0.15**
2578	KPP-CO-000	-	16-Nov-01	15:37	16-Nov-01	**0.28**
2579	KPP-CO-001	-	16-Nov-01	15:23	16-Nov-01	< 0.10
2580	KPP-CO-002	-	17-Nov-01	8:49	17-Nov-01	**0.15**
2581	KPP-CO-040	-	17-Nov-01	9:03	17-Nov-01	< 0.10
2582	KPP-CO-041	-	17-Nov-01	8:41	17-Nov-01	< 0.10
2896	KPP-CO-074	0-12"	4-Jan-02	12:30	4-Jan-02	**15**
2896A	KPP-CO-074	-	4-Jan-02	12:30	5-Jan-02	**19**
2896B	KPP-CO-074	-	4-Jan-02	12:30	5-Jan-02	**21**
2897	KPP-CO-075	0-19"	4-Jan-02	15:04	4-Jan-02	**0.13**
2898	KPP-CO-076	0-10"	4-Jan-02	15:35	4-Jan-02	< 0.10
2899	KPP-CO-077	0-10"	4-Jan-02	15:45	4-Jan-02	< 0.10
2900	KPP-CO-078	0-10"	4-Jan-02	16:08	4-Jan-02	**5.3**
2901	KPP-CO-079	0-10"	4-Jan-02	16:32	4-Jan-02	< 0.10
2902	KPP-CO-80	0-10"	5-Jan-02	8:08	5-Jan-02	**0.11**

NA = Not Analyzed
J = Elevated detection limit due to toxaphene interference
E = Estimated value, exceeds calibration range.

* Typo – sample id is KPP-CO-057
Spoke w/ Kari-Ann Jan 16, 2002 regarding correction. MSGA will correct
ECS not required to reissue 2 of 3 report –

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arochlor 1260 Detected in Concrete/Asphalt

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
2903	KPP-CO-81	0-10"	5-Jan-02	8:14	5-Jan-02	< 0.10
2904	KPP-CO-82	0-10"	5-Jan-02	8:28	5-Jan-02	< 0.10
2905	KPP-CO-83	0-10"	5-Jan-02	8:35	5-Jan-02	< 0.10
2906	KPP-CO-84	0-10"	5-Jan-02	8:52	5-Jan-02	< 0.10
2907	KPP-AS-85	0-10"	5-Jan-02	9:04	5-Jan-02	**4.2**
2908	Blind Dup	0-10"	5-Jan-02	-	5-Jan-02	< 0.10
2909	KPP-CO-87	0-10"	5-Jan-02	10:02	5-Jan-02	< 0.10
2910	KPP-CO-88	0-10"	5-Jan-02	10:23	5-Jan-02	< 0.10
2911	KPP-CO-89	0-10"	5-Jan-02	10:32	5-Jan-02	< 0.10
2912	KPP-CO-86	0-10"	5-Jan-02	9:53	5-Jan-02	< 0.10
2913	KPP-CO-90	0-10"	5-Jan-02	12:07	5-Jan-02	< 0.10
2914	KPP-CO-91	0-3"	5-Jan-02	12:15	5-Jan-02	**1.1**
2915	KPP-CO-92	0-10"	5-Jan-02	12:34	5-Jan-02	< 0.10
2916	KPP-CO-93	0-10"	5-Jan-02	12:40	5-Jan-02	< 0.10
2917	KPP-AS-94	0-6"	5-Jan-02	12:56	5-Jan-02	**0.30**
2918	KPP-CO-95	0-10"	5-Jan-02	13:01	5-Jan-02	**0.18 ***
2919	KPP-CO-96	0-3"	5-Jan-02	13:12	5-Jan-02	< 0.10
2920	KPP-CO-97	0-3"	5-Jan-02	13:20	5-Jan-02	< 0.10
2921	KPP-CO-98	0-6"	5-Jan-02	14:06	5-Jan-02	**8.2**
2922	KPP-CO-99	0-10"	5-Jan-02	13:46	5-Jan-02	< 0.10
2923	KPP-CO-100	0-10"	5-Jan-02	14:09	5-Jan-02	**0.17**
2924	KPP-CO-103	0-10"	5-Jan-02	13:51	5-Jan-02	< 0.10
2925	KPP-CO-101	0-10"	5-Jan-02	14:20	5-Jan-02	**1.2**
2926	KPP-CO-102	0-6"	5-Jan-02	14:24	5-Jan-02	< 0.10
2927	KPP-CO-104	0-6"	6-Jan-02	10:30	6-Jan-02	< 0.10
2928	KPP-CO-105	0-6"	6-Jan-02	10:53	6-Jan-02	< 0.10
2929	KPP-CO-106	0-6"	6-Jan-02	11:00	6-Jan-02	< 0.10
2930	KPP-CO-107	0-6"	6-Jan-02	10:24	6-Jan-02	< 0.10
2931	Blind Dup	-	6-Jan-02	-	6-Jan-02	< 0.10
2932	KPP-AS-108	0-3"	6-Jan-02	13:02	6-Jan-02	**0.13**
2933	KPP-AS-109	0-3"	6-Jan-02	13:06	6-Jan-02	< 0.10
2934	KPP-AS-110	0-3"	6-Jan-02	13:08	6-Jan-02	< 0.10
2935	KPP-AS-111	0-3"	6-Jan-02	13:10	6-Jan-02	< 0.10
2936	KPP-AS-112	0-3"	7-Jan-02	8:20	8-Jan-02	**0.11**
2942	KPP-AS-113	0-2"	7-Jan-02	12:37	8-Jan-02	**0.93**

* = Contains Arochlor1242 at approximately the same level.

NA = Not Analyzed
J = Elevated detection limit due to toxaphene interference
E = Estimated value, exceeds calibration range.

Table 2

Concrete and Asphalt QC Results
November 14, 2001 to November 17, 2001
and
January 4, 2002 to January 7, 2002

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2500 through 2519

	Matrix Spike 2502	Matrix Spike Duplicate 2502	Blank 197	LCS 197
Date Analyzed:	11/14/01	11/14/01	11/14/01	11/14/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	80		110		-32%	< 0.1	102

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2520 through 2524

	Matrix Spike 2523	Matrix Spike Duplicate 2523	Blank 198	LCS 198
Date Analyzed:	11/14/01	11/14/01	11/14/01	11/14/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	157		124		23%	< 0.1	90

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2525 through 2544

	Matrix Spike 2533	Matrix Spike Duplicate 2533	Blank 199	LCS 199
Date Analyzed:	11/15/01	11/15/01	11/15/01	11/15/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	139		148		-6%	< 0.1	105

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2545 through 2550

	Matrix Spike 2549	Matrix Spike Duplicate 2549	Blank 200	LCS 200
Date Analyzed:	11/15/01	11/15/01	11/15/01	11/16/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	a		a			< 0.1	96

a = inadvertently missed spiking matrix spike and matrix spike duplicate sample.

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2551 through 2576

	Matrix Spike 2553	Matrix Spike Duplicate 2553	Blank 201	LCS 201
Date Analyzed:	11/16/01	11/16/01	11/16/01	11/16/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	111		114		-3%	< 0.1	92.7

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2577 through 2579

	Matrix Spike 2579	Matrix Spike Duplicate 2579	Blank 202	LCS 202
Date Analyzed:	11/16/01	11/16/01	11/16/01	11/16/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	180		183		-2%	< 0.1	113

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2580 through 2583

	Matrix Spike 2581	Matrix Spike Duplicate 2581	Blank 203	LCS 203
Date Analyzed:	11/17/01	11/17/01	11/17/01	11/17/01

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	92.9		92.9		0%	< 0.1	95.2

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2896 through 2901

	Matrix Spike 2894	Matrix Spike Duplicate 2894	Blank 225	LCS 225
Date Analyzed:	1/4/02	1/4/02	1/4/02	1/4/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	130		130		0%	< 0.1	93.8

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2902 through 2921

	Matrix Spike 2902	Matrix Spike Duplicate 2902	Blank 226	LCS 226
Date Analyzed:	1/5/02	1/5/02	1/5/02	1/5/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	99		104		-5%	< 0.1	97.6

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2922 through 2926

	Matrix Spike 2525	Matrix Spike Duplicate 2525	Blank 227	LCS 227
Date Analyzed:	1/5/02	1/5/02	1/5/02	1/5/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	90		80		12%	< 0.1	93.8

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2927 through 2935

	Matrix Spike 2927	Matrix Spike Duplicate 2927	Blank 228	LCS 228
Date Analyzed:	1/6/02	1/6/02	1/6/02	1/6/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	96.4		99.7		-3%	< 0.1	96.4

Table 2
Concrete and Asphalt QC Results

Lab # associated with qc samples: 2936 through 2942

	Matrix Spike 2937	Matrix Spike Duplicate 2937	Blank 229	LCS 229
Date Analyzed:	1/8/02	1/8/02	1/8/02	1/8/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	DO		DO		DO	< 0.1	81.1

DO = Diluted out.

ECCS

Chain of Custody Forms
November 14, 2001 to November 17, 2001
and
January 4, 2002 to January 7, 2002

14N001

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road, Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 003979 *

Page 1 of 3

CEMENT / ASPHALT SPECS

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: Kuhlman Electric	Company: Martin & Stagler	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
KPP-AS-003	11/14	09:10A	Asp.	1	N/A	PCB	ON SITE	2500
① ~~KPP~~ KPP-AS-004	11/14	09:45A	Asp.	1		PCB		2501
KPP-AS-005	11/14	10:05A	Asp.	1		PCB		2502
Blind Duplicate	11/14	—	Asp	1		PCB	PARADIGM	2503
KPP-AS-008	14 NO	1105	ASP	1				2504
-CO-007		1045	CON	1				2505
-CO-~~005~~ 006 ②		1025	CON	1				2506
-010		1237		1			PARADIGM	2507
-011		1247						2508
AS-009		1220	AS					2509
-012		1315						2510
-013		1333						2511

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

Relinquished By: Charles M. Peel	Date/Time: 11/14/01 1335	Received By: R Dillon 14N001	Date/Time: 10:30
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

① Miss Lable CK 11/14
② " BL 11/15

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

14N001

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY No. 103981 *

CEMENT ASPHALT 015

Turn Around (circle one) Normal Rush	
Report Due:	
Project Number:	Mail Report To:
Project Name: Kuhlman Electric	Company: Martin & Slagle
Project Location: Crystal Springs Miss	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
KPP-AS-014	14N001	1345	AS	1	NA	PCB	ONSITE	2512
KPP-AS-015	11/14/01	1408 ~~1420~~	AS	1	NA	PCB		2513
KPP-AS-016	11/14/01	1415 ~~1440~~		1				2514
-017		1434		1				2515
-018		1443		1				2516
-019		1504		1				2517
-020		1513		1				2518
-021		1534		1				2519
-022		1550		1				2520
-023		1607		1				2521
-024		1615		1				2522
-025		1634		1				2523

*Preservation Code	Relinquished By:	Date/Time:	Received By:	Date/Time:
A=None B=HCL C=H2SO4	Chuck M. Peel	11/14/01 1635	R Pleon 14N001	1400
D=HNO3 E=EnCore F=Methanol	Relinquished By:	Date/Time:	Received By:	Date/Time:
G=NaOH O=Other(Indicate)				

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

Shipped Via:

Receipt Temp:

Temp Blank Y N

① Entry Error 0 14N001

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

11/14/01

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY No. 003980 *

ASPHALT & CONCRETE Page 3 of 3

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
KPP-AS-026	11/14/01	1643	AS	1	N/A	PCB	ON SITE	2524

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

Relinquished By: Chuck O. Peel	Date/Time: 11/14/01 1645	Received By: R Johnson 14W001	Date/Time: 1700
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

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

15N001

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

ASPHALT + CONCRETE

No. 023982

Page 1 of 3

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
KPP-AS-027	11/15/01	0742	AS	1	N/A	PCB's	OUTER	2525
028		0749						2526
~~024~~ 039 ①		0815						2527
~~031~~ 032 ①		0842						2528
034		0910						2529
Blind Duplicate		—						2530
KPP-AS-033		0834						2531
035		0924						2532
CO-036		0933						2533
AS-029		0808						2534
-031		0833						2535
-037		0946						2536

*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 0950	Date/Time:	Received By: R Folon 15N001	Date/Time: 1010
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

① LABELING ERROR BY 15N001

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

TSN001

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

ASPHALT & CONCRETE

No. 003983

Page 2 of 3

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
KPP-AS-038	15 NOV 2001	0953	AS	1	NA	PCB	ONSITE	2537
-039		1009						2538
-046		1318						2539
-047		1328						2540
-CO-048		1345	CO					2541
-AS-049		1354	AS					2542
-050		1418						2543
-051		1423						2544
-052		1448						2545
-053		1455						2546
-054		1514						2547
CO-055		1536	CO					2548

*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: 11/16/01 1540	Received By: R Jolson 1540 01	Date/Time: 1020
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

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

15N001

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718

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

ASPHAULT + CONCRETE

CHAIN OF CUSTODY

No. 003984 *

Page 3 of 3

Project Number:	Mail Report To:
Project Name: Kuhlman Electric	Company: Martin + 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.:

KPP-C Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
KPP-CO-056	15 Nov 01	1554	CO	1	NA	PCB	ON SITE	2549
↓ ↓ -057	↓	1600	CO	1	NA	↓	↓	2550

*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	11/16/01 1605	[signature] 15N001	1610
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

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

(1) wrong date 15NOO1

16N001

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

CONCRETE

No. 003985 *

Page 1 of 2

Project Number:		Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: Kuhlman Electric		Company: Martin + Flagler	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
KPP-CO-063	11/16/01	0900	CO	1	N/A	PCB's	ON SITE	2551
KPP-CO-062	11/16/01	0857						2552
-044		0939						2553
-045		0930						2554
Blind Duplicate		—						2555
KPP-CO-064		0909						2556
-065		0917						2557
-066		0954						2558
-067		1017						2559
-068		1032						2560
-069		1041						2561
-070		1107						2562

*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: 11/16/01 1115	Received By: RJohnson 16N001	Date/Time: 0920
	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	

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

160001

No. 003986 *

Page 2 of 2

CONCRETE

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
KPP-CO-071	10/20/01	1111	CO	1	NA	PCB's	ON SITE	2563
072		1128						2564
073		1134						2565
AS-058		1251						2572
CO-059		1258						2573
-060		1316						2574
-061		1319						2575
-042		1345						2576
-043		1354						2577
-000		1537						2578
-001		1523						2579

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

Relinquished By: Charles M. Peel	Date/Time: 11/16/01 1530	Received By: RJohnson 160001	Date/Time: 1120
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

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

11/17/01

CHAIN OF CUSTODY

Concrete

No. 003989

Page 1 of 1

Project Number:	Mail Report To:
Project Name: Kuhlman Electric	Company: Martin + Slagler
Project Location: Crystal Springs	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
KPP-CO-002	11/17	0849	CO	1	N/A	PCB's	On site	2580
mislabeled KPP-CO-~~900~~ 040 11/17	↓	0903	↓	↓	↓	↓	↓	2581
↓ ↓-041	↓	0841	↓	↓	↓	↓	↓	2582
Blind Duplicate	↓	–	↓	↓	↓	↓	↓	2583

*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	11/17/01 0900	Brett Linehan 11/17/01	0915
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

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

04JA02

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

concrete/ASPHALT

No. 003499 *

Page 1 of 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
KPP-CO-074	04JA01	1230	CONCRETE	1	NA	DEPTH 0-12" PCB's		2896
-075		1504				0-19"		2897
-076		1535				0-10"		2898
-077		1545				0-10"		2899
-078		1608				0-10"		2900
-079		1632				0-10"		2901

*Preservation Code	Relinquished By:	Date/Time:	Received By:	Date/Time:
A=None B=HCL C=H2SO4	Charles A. Peel	1/4/02 1700	R Jolion 04JA01	1320
D=HNO3 E=EnCore F=Methanol	Relinquished By:	Date/Time:	Received By:	Date/Time:
G=NaOH O=Other(Indicate)				

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

Shipped Via:

Receipt Temp:

Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

5JA02

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

(CONCRETE) ASPHALT

No. 003500 *

Page 1 of 2

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 PERL		Company:
		Address:
		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
KPP-CO-080	5JA02	0808	CO	1	NA	PCB's	0-10"	CO = CONCRETE	2902
-081		0814						AS = ASPHALT	2903
-082		0828							2904
-083		0835							2905
-084		0852							2906
AS-085		0904	AS				0-10"		2907
CO-086		0953	CO				0-10"	WRONG BY 5JA02	2908
-087		1002					0-10"		2909
-088		1023					0-10"		2910
-089		1032					0-10"		2911
-090		1207					0-10"		2913
-091		1215					0-3"		2914

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: Chuck Perl 1/25/02 1200	Date/Time:	Received By: R Johnson 5JA02
	Relinquished By:	Date/Time:	Received By:
			Date/Time: 0925

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

Shipped Via:

Receipt Temp:

Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

05JA02

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

concrete + ASPHALT

No. 003502 *

Page 2 of 2

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
KPP-CO-092	05JA02	1234	S	1	NA	DEPTH 0-10" PCB's	CO = concrete	2915
-093		1240				0-10"	AS = ASPHALT	2916
AS-094		1256				0-6"		2917
CO-095		1301				0-10"		2918
-096		1312				0-3"		2919
-097		1320				0-3"		2920
AS-098		1406				0-6"		2921
CO-099		1346				0-10"		2922
-100		1409				0-10"		2923
-103		1351				0-10"		2924
-101		1420				0-10"		2925
AS-102		1424				0-6"		2926

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

Relinquished By:	Date/Time: 1/5/02 1430	Received By: R Johnson 05JA02	Date/Time: 1340
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

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

06JA02

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

CONCRETE ASPHALT

No. 023503 *

Page 1 of 1

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SCAGLE	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
KPP-CO-104	06JA02	1030	CO	1	NA	DEPTH 0-6" PCB's	CO = concrete	2927
-105		1053				0-6"	AS = ASPHALT	2928
-106		~~1060~~ 1100				0-6"		2929
-107		1024				0-6"		2930
AS-108		1302	AS			0-3"		2932
-109		1306				0-3"		2933
-110		1308				0-3"		2934
-111		1310				0-3"		2935

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By:	Date/Time: 1/6/02 1400	Received By: 06JA02	Date/Time: 1130
	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	

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

07JA02

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

ASPHALT

No. 003506 *

Page 1 of 1

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC	Company: MARTIN SCAGLE	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
KPP-AS-112	07JA02	0820	AS	1	NA	DEPTH 0-3" PCB[25]	AS= ASPHALT	2936
KPP-AS-113	07JA02	1237	AS	1	NA	0-2" PCB[2]		2942

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

Relinquished By: R Johnson 07JA02	Date/Time: 15:13	Received By: R Johnson 07JA02	Date/Time: 1010
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

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Paradigm

Chain of Custody Forms
November 14, 2001 to November 17, 2001
and
January 4, 2002 to January 7, 2002

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 22860

Page 1 of 2

Client: MARTIN + SLAGLE
Address: BLACK MOUNTAIN
Address: NC
Quote #:

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-669-3929
Fax:

Date:
Turnaround: STD MEET HOLD
Job Number: TIMES
P.O. Number:

Report To: ROBERT MARTIN
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: HA	Analyses: PCB's	Comments: Please specify any special reporting requirements
						MOBILE LAB #
BLIND DUP	11/20/01	—	LOP CAP	X	X	2555
KPP-CO-065	|	0917	|	X	X	2557
KPP-CO-042	|	1345	|	X	X	2576
KPP-CO-040	~~11/20/01~~ 11/17/01	0903		X	X	2581
Blind Duplicate	11/17/01	—		X	X	2583
Blind Duplicate	11/18/01	—	Soil	X	X	2595 Depth —
LPP-GP1-001	11/18/01	0940	Soil	X	X	2584 0-6"
LPP-GP5-003	11/18/01	1100	Soil	X	X	2592 42-48"
LPP-GP9-001	11/18/01	1420	Soil	X	X	2605 0-6"
Blind Duplicate	11/19/01	—	Soil	X	X	2615 —

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles Peel	11/20/01	1230				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 20748

Page 1 of 1

Client: MARTIN & SLAGLE | Project ID: LOHLMAN ELECTRIC | Date: 14-NOV-01 | Report To: MARTIN & SLAGLE
Address: BLACK MOUNTAIN | Contact: ROBERT MARTIN | Turnaround: STD, MEET HOLD TIME
Address: N. C. | Phone: 828-669-3929 | Job Number:
Quote #: | Fax: | P.O. Number: | Invoice To: MARTIN

Sample ID	Date	Time	Matrix	Preservatives				Analyses: PCB's								Comments: Please specify any special reporting requirements
																MOBIL LAB #
BLIND DUP	14-NOV-01	—	ASPHALT	NA				X								2503
KPP-CO-010	↓	1237	CEMENT					X								2507
BLIND DUP	15-NOV-01	—	ASPHALT					X								2530
KPP-AS-017	14-NOV-01	1434	↓					X								2515
KPP-AS-004	↓	0945						X								2501
KPP-AS-029	15-NOV-01	0808	↓					X								2534
KPP-CO-055	↓	1536	CONCRETE					X								2548
~~KPP-AS-030~~	↓					NOT	USED			AS 15-NOV-01						
KPP-AS-037	15-NOV-01	0946	ASPHALT					X								2536

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Charles O. A. Peel	11/15/01	1100					NC ____ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

CLIENT COPY

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 28221
Page 1 of 1

Client: MARTIN & SCAGLE
Address: BLACK MOUNTAIN, NC
Address: _____
Quote #: _____

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-669-3929
Fax: _____

Date: 04JA02
Turnaround: 1 & 24 hour TURN AROUND
Job Number: FAX RESULTS TO MARTIN & SCAGLE
P.O. Number: _____

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives	Analyses	Comments: Please specify any special reporting requirements
				NA	PCB's	DEPTH / MOBIL LAB #
KPP-CO-076	04JA02	1535	CON CORE	X	X	0-10" 2898
KPP-CO-080	05JA02	0808	↓	X	X	0-10" 2902
KPP-AS-085	↓	0904	ASPHALT	X	X	0-10" 2907
KPP-CO-086	↓	0953	CON CORE	X	X	0-10" 2912
KPP-CO-097	↓	1320	↓	X	X	0-3" 2920
KPP-CO-104	06JA02	1030	↓	X	X	0-6" 2927
KPP-AS-110	↓	1308	ASPHALT	X	X	0-3" 2934
KPP-AS-112	07JA02	0820	↓	X	X	0-3" 2936

FAX RESULTS TO MARTIN & SCAGLE 828-669-3929 24 HOUR TURN AROUND

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Robert Martin	1/7/02	1500				

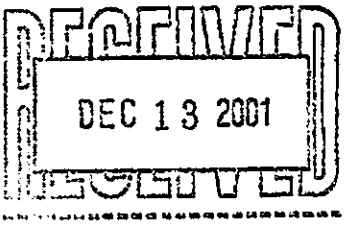
State Certification Requested
NC _____ SC _____ Other _____

SEE REVERSE FOR TERMS AND CONDITIONS

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

December 6, 2001



Report Number: G442-28

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: Blind Dup
Client Project ID: Kuhlman Electric
Lab Sample ID: 32762
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 97.2

Date Collected: 11/16/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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	85	85

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: KPP-CO-065
Client Project ID: Kuhlman Electric
Lab Sample ID: 32763
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 97.7

Date Collected: 11/16/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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
DBC	100	44	44

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: KPP-CO-042
Client Project ID: Kuhlman Electric
Lab Sample ID: 32764
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 90.8

Date Collected: 11/16/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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	**560**
Aroclor-1262	200	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	77	77

*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: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: KPP-CO-040
Client Project ID: Kuhlman Electric
Lab Sample ID: 32765
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 97.2

Date Collected: 11/17/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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	80	80

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: 32766
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 97.4

Date Collected: 11/17/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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	64	64

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: 32767
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 84.8

Date Collected: 11/18/01
Date Received: 11/21/01
Date Analyzed: 12/4/01
Analyzed By: CLP
Dilution: 100

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	20000	BQL
Aroclor-1221	20000	BQL
Aroclor-1232	20000	BQL
Aroclor-1242	20000	BQL
Aroclor-1248	20000	BQL
Aroclor-1254	20000	BQL
Aroclor-1260	20000	**110000**
Aroclor-1262	20000	BQL

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

*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: LPP-GP1-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 32768
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 87.7

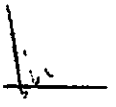
Date Collected: 11/18/01
Date Received: 11/21/01
Date Analyzed: 12/4/01
Analyzed By: CLP
Dilution: 100

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	20000	BQL
Aroclor-1221	20000	BQL
Aroclor-1232	20000	BQL
Aroclor-1242	20000	BQL
Aroclor-1248	20000	BQL
Aroclor-1254	20000	BQL
Aroclor-1260	20000	**58000**
Aroclor-1262	20000	BQL

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

*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: LPP-GP5-003
Client Project ID: Kuhlman Electric
Lab Sample ID: 32769
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 90.2

Date Collected: 11/18/01
Date Received: 11/21/01
Date Analyzed: 12/4/01
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	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: LPP-GP9-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 32770
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 92.4

Date Collected: 11/18/01
Date Received: 11/21/01
Date Analyzed: 12/4/01
Analyzed By: CLP
Dilution: 10

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	1800	BQL
Aroclor-1221	1800	BQL
Aroclor-1232	1800	BQL
Aroclor-1242	1800	BQL
Aroclor-1248	1800	BQL
Aroclor-1254	1800	BQL
Aroclor-1260	1800	**4500**
Aroclor-1262	1800	BQL

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

*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: Blind Duplicate
Client Project ID: Kuhlman Electric
Lab Sample ID: 32771
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 92.2

Date Collected: 11/19/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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	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: LPP-GP15-003
Client Project ID: Kuhlman Electric
Lab Sample ID: 32772
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 83.9

Date Collected: 11/19/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
Analyzed By: CLP
Dilution: 1

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	230	BQL
Aroclor-1221	230	BQL
Aroclor-1232	230	BQL
Aroclor-1242	230	BQL
Aroclor-1248	230	BQL
Aroclor-1254	230	BQL
Aroclor-1260	230	**320**
Aroclor-1262	230	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:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: LPP-GP10-002
Client Project ID: Kuhlman Electric
Lab Sample ID: 32773
Lab Project ID: G442-28
Matrix: Soil

%SOLIDS: 91.7

Date Collected: 11/19/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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	70	70

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 Dup
Client Project ID: Kuhlman Electric
Lab Sample ID: 32774
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 95.7

Date Collected: 11/20/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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: OHP-GP1-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 32775
Lab Project ID: G442-28
Matrix: Soil %SOLIDS: 95.1

Date Collected: 11/20/01
Date Received: 11/21/01
Date Analyzed: 12/3/01
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	72	72

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Page 1 of 2

Client: MARTIN + SLAGLE Project ID: LUHLOAN ELECTRIC Date: _____ Report To: ROBERT MARTIN
Address: BLACK MOUNTAIN Contact: ROBERT MARTIN Turnaround: STD MERT HOLD
Address: NC Phone: 828-669-3929 Job Number: TIMES
Quote #: _____ Fax: _____ P.O. Number: _____ Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: HA	Analyses: PCB's	Comments: Please specify any special reporting requirements
						G442-28 MOBIL LAB #
B4ND DUP	11/20/01	—	COMPOSITE	X	X	2555
KPP-CO-065	"	0917	"	X	X	2557
KPP-CO-042	"	1345	"	X	X	2576
KPP-CO-041B	11/20/01	0903		X	X	2581
Blind Duplicate	11/17/01	—		X	X	2583
Blind Duplicate	11/18/01	—	Soil	X	X	2595 Depth —
LPP-GP1-001	11/18/01	0940	Soil	X	X	2584 0-6"
LPP-GP5-003	11/18/01	1100	Soil	X	X	2592 42-48"
LPP-GP9-001	11/18/01	1420	Soil	X	X	2605 0-6"
Blind Duplicate	11/19/01	—	Soil	X	X	2615 —

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles Peel	11/20/01	1230	Julie Robinson	11/21/01	1030	2.9°C

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Client: Martin + Slagle
Address: Black Mountain
Address: N.C.
Quote #:

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

Date:
Turnaround: STD Most Hold Times
Job Number:
P.O. Number:

Report To: Robert Martin
Invoice To: same

Sample ID	Date	Time	Matrix	Preservatives: N/A	Analyses: PCB's	Comments: Please specify any special reporting requirements — G442-28 — Mobil Lab #	Depth
LPP-GP15-003	11/19/01	1411	Soil	X	X	2624	42-48"
LPP-GP10-002	↓	0832		X	X	2609	24-30"
BLIND DUP	11/20/01	—		X	X	2631	—
OHP-GP1-001	11/20/01	0847		X	X	2625	0-6"

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles Peel	11/21/01	1230	Julie Johnson	11/21/01	1030	2.9°C

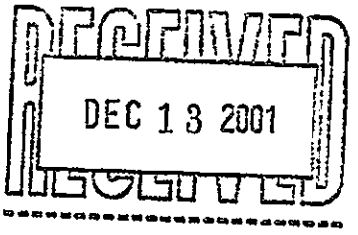
State Certification Requested
NC ___ SC ___ Other ___

SEE REVERSE FOR TERMS AND CONDITIONS

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

December 6, 2001



Report Number: G442-27

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: Blind Dup
Client Project ID: Kuhlman Electric
Lab Sample ID: 32476
Lab Project ID: G442-27
Matrix: Soil %SOLIDS: 97.7

Date Collected: 11/14/01
Date Received: 11/16/01
Date Analyzed: 12/4/01
Analyzed By: CLP
Dilution: 5

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	1200	BQL
Aroclor-1221	1200	BQL
Aroclor-1232	1200	BQL
Aroclor-1242	1200	BQL
Aroclor-1248	1200	BQL
Aroclor-1254	1200	BQL
Aroclor-1260	1200	**3100**
Aroclor-1262	1200	BQL

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

*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: KPP-CO-010
Client Project ID: Kuhlman Electric
Lab Sample ID: 32477
Lab Project ID: G442-27
Matrix: Soil %SOLIDS: 97.6

Date Collected: 11/14/01
Date Received: 11/16/01
Date Analyzed: 12/3/01
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	**370**
Aroclor-1262	250	BQL

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

*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: Blind Dup
Client Project ID: Kuhlman Electric
Lab Sample ID: 32478
Lab Project ID: G442-27
Matrix: Soil %SOLIDS: 98.8

Date Collected: 11/15/01
Date Received: 11/16/01
Date Analyzed: 12/4/01
Analyzed By: CLP
Dilution: 20

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	4900	BQL
Aroclor-1221	4900	BQL
Aroclor-1232	4900	BQL
Aroclor-1242	4900	BQL
Aroclor-1248	4900	BQL
Aroclor-1254	4900	BQL
Aroclor-1260	4900	**13000**
Aroclor-1262	4900	BQL

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

*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: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: KPP-AS-017
Client Project ID: Kuhlman Electric
Lab Sample ID: 32479
Lab Project ID: G442-27
Matrix: Soil %SOLIDS: 98.6

Date Collected: 11/14/01
Date Received: 11/16/01
Date Analyzed: 12/4/01
Analyzed By: CLP
Dilution: 100

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	29000	BQL
Aroclor-1221	29000	BQL
Aroclor-1232	29000	BQL
Aroclor-1242	29000	BQL
Aroclor-1248	29000	BQL
Aroclor-1254	29000	BQL
Aroclor-1260	29000	**62000**
Aroclor-1262	29000	BQL

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

*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: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: KPP-AS-004
Client Project ID: Kuhlman Electric
Lab Sample ID: 32480
Lab Project ID: G442-27
Matrix: Soil %SOLIDS: 97.5

Date Collected: 11/14/01
Date Received: 11/16/01
Date Analyzed: 12/4/01
Analyzed By: CLP
Dilution: 10

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	2700	BQL
Aroclor-1221	2700	BQL
Aroclor-1232	2700	BQL
Aroclor-1242	2700	BQL
Aroclor-1248	2700	BQL
Aroclor-1254	2700	BQL
Aroclor-1260	2700	**7600**
Aroclor-1262	2700	BQL

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

*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: KPP-AS-029
Client Project ID: Kuhlman Electric
Lab Sample ID: 32481
Lab Project ID: G442-27
Matrix: Soil %SOLIDS: 98.4

Date Collected: 11/15/01
Date Received: 11/16/01
Date Analyzed: 12/4/01
Analyzed By: CLP
Dilution: 20

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	3300	BQL
Aroclor-1221	3300	BQL
Aroclor-1232	3300	BQL
Aroclor-1242	3300	BQL
Aroclor-1248	3300	BQL
Aroclor-1254	3300	BQL
Aroclor-1260	3300	**7700**
Aroclor-1262	3300	BQL

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

*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: KPP-CO-055
Client Project ID: Kuhlman Electric
Lab Sample ID: 32482
Lab Project ID: G442-27
Matrix: Soil %SOLIDS: 95.9

Date Collected: 11/15/01
Date Received: 11/16/01
Date Analyzed: 12/3/01
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	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: KPP-AS-37
Client Project ID: Kuhlman Electric
Lab Sample ID: 32483
Lab Project ID: G442-27
Matrix: Soil %SOLIDS: 98.6

Date Collected: 11/15/01
Date Received: 11/16/01
Date Analyzed: 12/3/01
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	**520**
Aroclor-1262	180	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	99	99

*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: Method Blank
Client Project ID: Kuhlman Electric
Lab Sample ID: Blk 11/26/01
Lab Project ID: G442-27
Matrix: Soil

Date Collected:
Date Received:
Date Analyzed: 12/3/01
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	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: Method Blank
Client Project ID: Kuhlman Electric
Lab Sample ID: Blk 11/21/01
Lab Project ID: G442-27
Matrix: Soil

Date Collected:
Date Received:
Date Analyzed: 12/3/01
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	71	71

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:	11/14/01
Client Project ID:	Kuhlman Electric	Analyzed By:	CLP
Lab Sample ID:	29925 MS, 29926 MSD	Dilution:	1.0
Lab Project ID:	G442-27		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	996	100%	1038	104%	4.1

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 4
Lab Project ID: G442-27
Matrix: Soil

Date Analyzed: 11/14/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	360	219	406

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	12/3/01
Client Project ID:	Kuhlman Electric	Analyzed By:	CLP
Lab Sample ID:	32482 MS, MSD	Dilution:	1.0
Lab Project ID:	G442-27		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	838	84%	934	93%	10.8

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: Kuhlman Electric
Lab Sample ID: SLCS 56
Lab Project ID: G442-27
Matrix: Soil

Date Analyzed: 12/3/01
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.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 20748

Page 1 of ____

Client: MARTIN & SLAGLE
Address: BLACK MOUNTAIN
Address: N. C.
Quote #: ____

Project ID: ROHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-669-3929
Fax: ____

Date: 14N001
Turnaround: STD, MEET
Job Number: HOLD TIMES
P.O. Number: ____

Report To: MARTIN & SLAGLE
Invoice To: MARTIN

Sample ID	Date	Time	Matrix	Preservatives				Analyses: PCB's	Comments: Please specify any special reporting requirements
									G442-27
									MOBIL LAB #
BLND DUP	14N001	—	ASPHALT	NA				X	2503
KPP-CO-010	↓	1237	CONCRETE					X	2507
BLND DUP	15N001	—	ASPHALT					X	2530
KPP-AS-017	14N001	1434	↓					X	2515
KPP-AS-004	↓	0945						X	2501
KPP-AS-029	15N001	0808	↓					X	2534
KPP-CO-055	↓	1536	CONCRETE	↓				X	2548
~~KPP-AS-030~~	↓				NOT	USED		IS 15N001	
KPP-AS-037	15N001	0946	ASPHALT					X	2536

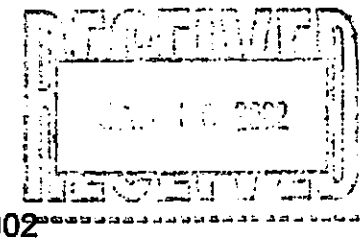
Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles A. Peel	11/15/01	1600	Julie Johnson	11/16/01	1100	3.3°C

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

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

January 11, 2002

Report Number: G442-44

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

CASE NARRATIVE

Date: January 10, 2002

Paradigm project ID: G442-44, 45
Martin & Slagle ID: Kuhlman Electric

10 soil samples were received at Paradigm for the two projects listed above. The samples were received within holding time and temperature limits.

The analyses for PCB's were completed with no quality control problems at the instrument and extraction level. However, there was a problem with the percent solids determination.

After the extraction aliquot was removed from the sample container there was an insufficient mass to complete the percent solids determination per the method.

The percent solids procedure requires a starting mass of between five and ten grams of sample. Less than one gram of sample was available for percent solids determination.

The percent solids were determined from an aliquot smaller than required mass and should be considered an estimated value.

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: KPP-CO-076
Client Project ID: Kuhlman Electric
Lab Sample ID: 35262
Lab Project ID: G442-44
Matrix: Soil %SOLIDS: 89.2

Date Collected: 1/4/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

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	114	114

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

Reviewed By: MM

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: KPP-CO-080
Client Project ID: Kuhlman Electric
Lab Sample ID: 35263
Lab Project ID: G442-44
Matrix: Soil %SOLIDS: 90.0

Date Collected: 1/5/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	290	BQL
Aroclor-1221	290	BQL
Aroclor-1232	290	BQL
Aroclor-1242	290	BQL
Aroclor-1248	290	BQL
Aroclor-1254	290	BQL
Aroclor-1260	290	BQL
Aroclor-1262	290	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
DBC	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: KPP-AS-085
Client Project ID: Kuhlman Electric
Lab Sample ID: 35264
Lab Project ID: G442-44
Matrix: Soil %SOLIDS: 94.1

Date Collected: 1/5/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 10
Date Extracted: 01/09/01

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	1600	BQL
Aroclor-1221	1600	BQL
Aroclor-1232	1600	BQL
Aroclor-1242	1600	BQL
Aroclor-1248	1600	BQL
Aroclor-1254	1600	BQL
Aroclor-1260	1600	**5400**
Aroclor-1262	1600	BQL

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

*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: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: KPP-CO-086
Client Project ID: Kuhlman Electric
Lab Sample ID: 35265
Lab Project ID: G442-44
Matrix: Soil %SOLIDS: 94.6

Date Collected: 1/5/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

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
DBC	100	50	50

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: KPP-CO-097
Client Project ID: Kuhlman Electric
Lab Sample ID: 35266
Lab Project ID: G442-44
Matrix: Soil %SOLIDS: 84.0

Date Collected: 1/5/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

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	113	113

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: KPP-CO-104
Client Project ID: Kuhlman Electric
Lab Sample ID: 35267
Lab Project ID: G442-44
Matrix: Soil %SOLIDS: 96.3

Date Collected: 1/6/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

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
DBC	100	72	72

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: KPP-AS-110
Client Project ID: Kuhlman Electric
Lab Sample ID: 35268
Lab Project ID: G442-44
Matrix: Soil %SOLIDS: 100.0

Date Collected: 1/6/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	240	BQL
Aroclor-1221	240	BQL
Aroclor-1232	240	BQL
Aroclor-1242	240	BQL
Aroclor-1248	240	BQL
Aroclor-1254	240	BQL
Aroclor-1260	240	BQL
Aroclor-1262	240	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	104	104

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: KPP-AS-112
Client Project ID: Kuhlman Electric
Lab Sample ID: 35269
Lab Project ID: G442-44
Matrix: Soil %SOLIDS: 87.1

Date Collected: 1/7/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	500	BQL
Aroclor-1221	500	BQL
Aroclor-1232	500	BQL
Aroclor-1242	500	BQL
Aroclor-1248	500	BQL
Aroclor-1254	500	BQL
Aroclor-1260	500	BQL
Aroclor-1262	500	BQL

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

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:	1/10/01
Client Project ID:	Kuhlman Electric	Analyzed By:	CLP
Lab Sample ID:	34945 MS, MSD	Dilution:	1.0
Lab Project ID:	G442-44		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	775	78%	737	74%	5.0

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

Reviewed By: [signature]

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID: Kuhlman Electric
Lab Sample ID: SLCS 59
Lab Project ID: G442-44
Matrix: Soil

Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits Lower	Upper
Aroclor 1260	313	250	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: Blk 1/9/01
Lab Project ID: G442-44
Matrix:

Date Collected:
Date Received:
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	150	BQL
Aroclor-1221	150	BQL
Aroclor-1232	150	BQL
Aroclor-1242	150	BQL
Aroclor-1248	150	BQL
Aroclor-1254	150	BQL
Aroclor-1260	150	BQL
Aroclor-1262	150	BQL

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

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

Reviewed By: JWP

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Page 1 of 1

Client: MARTIN & SCAGLE Project ID: WHITMAN ELECTRIC Date: 04JA02 Report To: SAME

Address: BLACK MOUNTAIN, NC Contact: ROBERT MARTIN Turnaround: 8 24 hours TURN AROUND

Address: _____ Phone: 828-669-3929 Job Number: FAX RESULTS TO MARTIN & SCAGLE

Quote #: _____ Fax: _____ P.O. Number: _____ Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives				Analyses									Comments: Please specify any special reporting requirements
				NA				PCB's					G442-44				DEPTH / MOBIL LAB #
KPP-CO-076	04JA02	1535	CONCRETE	X				X									0-10" 2898
KPP-CO-080	05JA02	0808	↓	X				X									0-10" 2902
KPP-AS-085	↓	0904	ASPHALT	X				X									0-10" 2907
KPP-CO-086	↓	0953	CONCRETE	X				X									0-10" 2912
KPP-CO-097	↓	1320	↓	X				X									0-3" 2920
KPP-CO-104	06JA02	1030	↓	X				X									0-6" 2927
KPP-AS-110	↓	1308	ASPHALT	X				X									0-3" 2934
KPP-AS-112	07JA02	0820	↓	X				X									0-3" 2936

24 HOUR TURN AROUND FAX RESULTS TO MARTIN & SCAGLE 828-669-3929

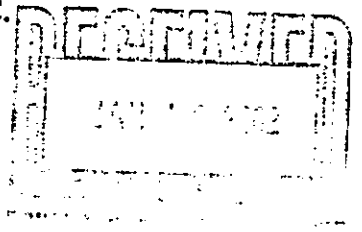
Relinquished By	Date	Time	Received By	Date	Time	Temperature
Clark Teal	1/7/02	1500	Jackie Johnson	1/8/02	0945	2.3°C

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

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

January 11, 2002

Report Number: G442-45

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

CASE NARRATIVE

Date: January 10, 2002

Paradigm project ID: G442-44, 45
Martin & Slagle ID: Kuhlman Electric

10 soil samples were received at Paradigm for the two projects listed above. The samples were received within holding time and temperature limits.

The analyses for PCB's were completed with no quality control problems at the instrument and extraction level. However, there was a problem with the percent solids determination.

After the extraction aliquot was removed from the sample container there was an insufficient mass to complete the percent solids determination per the method.

The percent solids procedure requires a starting mass of between five and ten grams of sample. Less than one gram of sample was available for percent solids determination.

The percent solids were determined from an aliquot smaller than required mass and should be considered an estimated value.

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate 2908
Client Project ID: Kuhlman Electric
Lab Sample ID: 35270
Lab Project ID: G442-45
Matrix: Soil %SOLIDS: 93.1

Date Collected: 1/5/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

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	BQL
Aroclor-1262	210	BQL

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

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

Reviewed By: MW01

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate 2931
Client Project ID: Kuhlman Electric
Lab Sample ID: 35271
Lab Project ID: G442-45
Matrix: Soil %SOLIDS: 95.6

Date Collected: 1/6/02
Date Received: 1/9/02
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	150	BQL
Aroclor-1221	150	BQL
Aroclor-1232	150	BQL
Aroclor-1242	150	BQL
Aroclor-1248	150	BQL
Aroclor-1254	150	BQL
Aroclor-1260	150	BQL
Aroclor-1262	150	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	200	216	108

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:	1/10/01
Client Project ID:	Kuhlman Electric	Analyzed By:	CLP
Lab Sample ID:	34945 MS, MSD	Dilution:	1.0
Lab Project ID:	G442-45		
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	775	78%	737	74%	5.0

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L

Reviewed By: MA

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID: Kuhlman Electric
Lab Sample ID: SLCS 59
Lab Project ID: G442-45
Matrix: Soil

Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	250	219	406

Reviewed By: MD

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID: Kuhlman Electric
Lab Sample ID: Blk 1/9/01
Lab Project ID: G442-45
Matrix:

Date Collected:
Date Received:
Date Analyzed: 1/10/01
Analyzed By: CLP
Dilution: 1
Date Extracted: 01/09/01

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	150	BQL
Aroclor-1221	150	BQL
Aroclor-1232	150	BQL
Aroclor-1242	150	BQL
Aroclor-1248	150	BQL
Aroclor-1254	150	BQL
Aroclor-1260	150	BQL
Aroclor-1262	150	BQL

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

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

Reviewed By: _____

PARADIGM ANALYTICAL LABORATORIES, INC.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 28217

Page 1 of 1

Client: MARTIN-SCAGLE Project ID: KOHLMAN ELECTRIC Date: 07JA02 Report To: SAME

Address: BLACK MOUNTAIN, NC Contact: ROBERT MARTIN Turnaround: 24 HOUR TAT

Address: _____ Phone: 828-669-3929 Job Number: FAX RESULTS TO MARTIN-SCAGLE

Quote #: _____ Fax: _____ P.O. Number: _____ Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives	Analyses	Comments: Please specify any special reporting requirements
				NA	PB²	MOBILE LAB
DUPLICATE	5JA02	—	CONCRETE	X	X	2908
DUPLICATE	06JA02	—	CONCRETE	X	X	2931
						G442-45
						24 HOUR TURN AROUND TIME FAX RESULTS TO MARTIN-SCAGLE FAX # 828-669-5288

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Charles Pool	1/7/02	1500	Julie Johnson	1/9/02	0945	2.3°C	NC ____ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

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

PREPARED FOR:
BorgWarner Inc.

DRAWING NAME: KEC\REPORTS\CONCRETE AND ASPHALT F1RO

REV				
1		5		
2		6		
3		7		
4				

SCALE 1"=30'
DR: DGR
CHK: RLM
REV: 0
DATE: 01/18/02

KEC CONCRETE AND ASPHALT SAMPLE RESULTS

KUHLMAN ELECTRIC CORPORATION
101 KUHLMAN DRIVE
CRYSTAL SPRINGS, MS

1 FIGURE