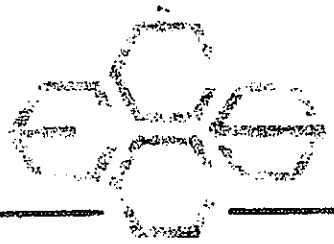

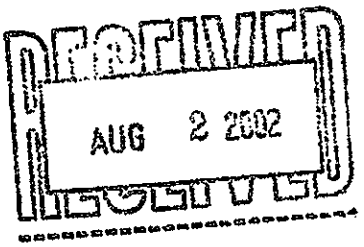

July 31, 2002

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

Dear Mr. Martin,

Enclosed is the final Technical Memorandum for work completed at the former Borg Warner and current Kuhlman Electric facility in Crystal Springs, Mississippi during the month of June. 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

Borg Warner / Kuhlman Electric

Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

July 31, 2002

To: Robert Martin
Martin Slagle Inc.

From: Richard Johnson
ECCS, Inc.

Re: Field Analytical Methods – QC Summary
Borg Warner – Kuhlman Electric Facility
Crystal Springs, Mississippi

INTRODUCTION

This Technical Memorandum provides documentation of the field analytical test methods used to analyze soil and rinsate samples collected during June 2002 an accelerated site investigation episode around the former Borg Warner and current Kuhlman Electric facility in Crystal Springs, Mississippi. Soil samples were analyzed for polychlorinated biphenyls (PCBs) and chlorinated benzenes by gas chromatography (GC) in accordance with ECCS's Polychlorinated Biphenyl (PCB) Mini Extraction Screening Procedure. A summary of test results is provided in Table 1 for soil and Table 3 for Rinsates. A summary of method blanks, laboratory control samples and matrix spike/matrix spike duplicate data is provided in Table 2 for soils and Table 4 for Rinsates.

In addition copies of the chain of custody sheets and shipping sheets can be found in appendix A through F.

A) Chain of custody sheets for samples
B) Chain of custody sheets for duplicates
C) Chain of custody sheets for 10% confirmation samples sent to Paradigm Analytical
D) Chain of custody sheets for Duplicates sent to Paradigm Analytical
E) Copy of shipping information for samples sent to Paradigm Analytical
F) Chain of custody sheets for rinsate samples.

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

would get from a fixed-based laboratory using the more-widely accepted extraction procedure.

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

CASE NARRATIVE

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

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

1. All surrogate recoveries were within acceptable ranger.

2. All LCS recoveries were within acceptable ranges. See Table 2.

3. All MS/MSD recoveries were within acceptable ranges. Percent repeatability was also within acceptable ranges. See Table 2.

4. Since electron capture of detectors tend to have a very narrow linear range, many sample extracts required dilution. Dilutions were accurately done.

5. One of the unknown samples contained another Arochlor. This data is footnoted in the tables.

METHOD SUMMARY

This method employs a mini-extraction procedure and gas chromatography analysis for the detection of PCBs and chlorinated benzenes. 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 was prepared at six concentrations: PCBs – 0.05, 0.10, 0.20, 0.50, 1.0 and 2.0 ug/m; chlorinated benzenes – 0.005, 0.01, 0.02, 0.05, 0.10 and 0.20 ug/ml.

2. Sample Preparation - SOILS: Each sample or quality control sample is prepared in identical fashion. Approximately four grams of silica sand (blanks and control spikes) or sample is transferred into a clean scintillation vial. Ten 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. An aliquot of the extract is transferred to an autosampler vial for injection into the GC-ECD.

3. WATER Samples: 200 grams of water was weighed into a clean jar containing 50 grams of sodium chloride. The samples were spiked with a surrogate in addition the LCS/MS/MSD were spiked with PCB's and chlorinated benzenes. Added 10 ml of isooctane to each and shake 3 times for 2 minutes each time. Samples were allowed to settle for approximately 5 minutes between each shake. Isooctane was decanted into a scintillation vial and then an aliquot was transferred to an autosampler vial. Then extracts were injected into a GC-ECD.

4. GC-ECD Analysis - A sample aliquot is injected into an HP5890 GC with an ECD equipped with an HP ChemStation for data processing. PCBs and chlorinated benzenes 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 interference occurred at any of the peaks, these peaks were not included in the total, and the divisor was reduced accordingly.

5. Quality Control - Quality control consisted of the following items:
   - Continuing calibration standards analyzed every ten samples or less and at the end of a run.
   - Blank and LCS samples analyzed every twenty sample or less with a minimum of one per day.
   - MS/MSD samples analyzed every twenty samples or less with a minimum of one per day.
   - Information is documented in logbook 45 and June run sheets.

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

Table 1

Sample Results – June

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arochlor 1260 Detected

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (ug/kg)
3767	MSL-GP1-001	0-6"	06-Jun-02	16:20	06-Jun-02	18
3768	MSL-GP2-001	0-6"	06-Jun-02	16:40	06-Jun-02	0.92
3769	MSL-GP2-002	24-30"	06-Jun-02	16:40	06-Jun-02	0.28
3770	MSL-GP2-003	42-48"	06-Jun-02	16:40	06-Jun-02	<0.1
3771	MSL-GP3-001	0-6"	06-Jun-02	17:34	06-Jun-02	0.31
3772	MSL-GP3-002	16-22"	06-Jun-02	17:35	07-Jun-02	7.4
3773	MSL-GP3-003	30-36"	06-Jun-02	17:35	06-Jun-02	0.40
3774	MSL-GP4-001	0-6"	07-Jun-02	8:15	07-Jun-02	<0.1
3775	MSL-GP4-002	24-30"	07-Jun-02	8:17	07-Jun-02	<0.1
3776	MSL-GP4-003	42-48"	07-Jun-02	8:20	07-Jun-02	<0.1
3777	MSL-GP5-001	0-6"	07-Jun-02	8:35	07-Jun-02	0.10
3778	MSL-GP5-002	24-30"	07-Jun-02	8:36	07-Jun-02	20
3779	MSL-GP5-003	42-48"	07-Jun-02	8:40	07-Jun-02	<0.1
3780	MSL-GP6-001	0-6"	07-Jun-02	9:00	07-Jun-02	0.10
3781	MSL-GP6-002	24-30"	07-Jun-02	9:03	07-Jun-02	<0.1
3782	MSL-GP6-003	42-48"	07-Jun-02	9:05	07-Jun-02	<0.1
3783	MSL-GP7-001	0-6"	07-Jun-02	9:12	07-Jun-02	0.49
3784	MSL-GP7-002	12-18"	07-Jun-02	9:13	07-Jun-02	<0.1
3785	MSL-GP8-001	0-6"	07-Jun-02	9:40	07-Jun-02	15
3786	MSL-GP8-002	24-30"	07-Jun-02	9:43	07-Jun-02	0.77
3787	MSL-GP8-003	42-48"	07-Jun-02	9:46	07-Jun-02	<0.1
3788	MSL-GP9-001	0-6"	07-Jun-02	10:05	07-Jun-02	4.8
3789	MSL-GP9-002	24-30"	07-Jun-02	10:07	07-Jun-02	120
3790	MSL-GP9-003	42-48"	07-Jun-02	10:09	07-Jun-02	360
3791	Duplicate	-	07-Jun-02	-	07-Jun-02	<0.1
3792	MSL-GP10-001	0-6"	07-Jun-02	14:05	07-Jun-02	5.7
3793	MSL-GP10-002	24-30"	07-Jun-02	14:07	07-Jun-02	150
3794	MSL-GP10-003	42-48"	07-Jun-02	14:10	07-Jun-02	280
3795	MSL-GP11-001	0-6"	07-Jun-02	14:35	07-Jun-02	13
3796	MSL-GP11-002	24-30"	07-Jun-02	14:37	07-Jun-02	160
3797	MSL-GP11-003	42-48"	07-Jun-02	14:39	07-Jun-02	66
3798	MSL-GP12-001	0-6"	07-Jun-02	17:25	08-Jun-02	6.8
3799	MSL-GP12-002	24-30"	07-Jun-02	17:27	08-Jun-02	6.9
3800	MSL-GP12-003	42-48"	07-Jun-02	17:29	08-Jun-02	2.0
3801	MSL-GP13-001	0-6"	07-Jun-02	17:45	08-Jun-02	1.3
3802	MSL-GP13-002	24-30"	07-Jun-02	17:46	08-Jun-02	<0.1
3803	MSL-GP13-003	42-48"	07-Jun-02	17:48	08-Jun-02	<0.1
3804	MSL-GP14-001	0-6"	08-Jun-02	8:20	08-Jun-02	0.97
3805	MSL-GP14-002	24-30"	08-Jun-02	8:22	08-Jun-02	<0.2
3806	MSL-GP14-003	42-48"	08-Jun-02	8:24	08-Jun-02	40
3807	MSL-GP15-001	0-6"	08-Jun-02	8:46	08-Jun-02	2.5
3808	MSL-GP15-002	24-30"	08-Jun-02	8:48	08-Jun-02	0.89
3809	MSL-GP15-003	42-48"	08-Jun-02	8:50	08-Jun-02	30
3810	MSL-GP16-001	0-6"	08-Jun-02	9:20	08-Jun-02	14
3811	MSL-GP16-002	24-30"	08-Jun-02	9:24	08-Jun-02	0.38

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

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
3812	MSL-GP16-003	42-48"	08-Jun-02	9:26	08-Jun-02	20
3813	MSL-GP17-001	0-6"	08-Jun-02	10:02	08-Jun-02	0.60
3814	MSL-GP17-002	24-30"	08-Jun-02	10:04	08-Jun-02	1.4
3815	MSL-GP17-003	42-48"	08-Jun-02	10:06	08-Jun-02	<0.2
3816	MSL-Duplicate	-	08-Jun-02	-	08-Jun-02	3.1
3817	MSL-GP18-001	0-6"	08-Jun-02	10:55	09-Jun-02	0.18
3818	MSL-GP18-002	24-30"	08-Jun-02	10:57	09-Jun-02	73
3819	MSL-GP18-003	42-48"	08-Jun-02	10:58	09-Jun-02	23
3820	MSL-GP19-001	0-6"	08-Jun-02	12:32	09-Jun-02	68
3821	MSL-GP19-002	24-30"	08-Jun-02	12:34	09-Jun-02	5.5
3822	MSL-GP19-003	42-48"	08-Jun-02	12:36	09-Jun-02	11
3823	MSL-GP20-001	0-6"	08-Jun-02	12:58	09-Jun-02	1.3
3824	MSL-GP20-002	24-30"	08-Jun-02	13:01	09-Jun-02	15
3825	MSL-GP20-003	42-48"	08-Jun-02	13:03	09-Jun-02	28
3826	MSL-GP21-001	0-6"	08-Jun-02	13:40	09-Jun-02	0.11
3827	MSL-GP21-002	24-30"	08-Jun-02	13:42	09-Jun-02	3.4
3828	MSL-GP21-003	42-48"	08-Jun-02	13:43	09-Jun-02	0.13
3829	MSL-GP22-001	0-6"	08-Jun-02	15:35	09-Jun-02	<0.1
3830	MSL-GP22-002	24-30"	08-Jun-02	15:37	09-Jun-02	<0.1
3831	MSL-GP22-003	42-48"	08-Jun-02	15:39	09-Jun-02	<0.1
3832	MSL-GP23-001	0-6"	09-Jun-02	8:30	09-Jun-02	2.9
3833	MSL-GP23-002	24-30"	09-Jun-02	8:32	09-Jun-02	3.6
3834	MSL-GP23-003	42-48"	09-Jun-02	8:34	09-Jun-02	<0.1
3835	MSL-GP24-001	0-6"	09-Jun-02	9:05	09-Jun-02	3.8
3836	MSL-GP24-002	24-30"	09-Jun-02	9:07	09-Jun-02	0.29
3837	MSL-GP24-003	42-48"	09-Jun-02	9:09	09-Jun-02	<0.1
3838	MSL-GP25-001	0-6"	09-Jun-02	9:38	09-Jun-02	0.78
3839	MSL-GP25-002	24-30"	09-Jun-02	9:40	09-Jun-02	<0.1
3840	MSL-GP25-003	42-48"	09-Jun-02	9:42	09-Jun-02	<0.1
3841	MSL-Duplicate	-	09-Jun-02	-	09-Jun-02	4.1
3842	MSL-GP26-001	0-6"	09-Jun-02	10:21	09-Jun-02	1.3
3843	MSL-GP26-002	24-30"	09-Jun-02	10:23	09-Jun-02	<0.1
3844	MSL-GP26-003	42-48"	09-Jun-02	10:25	09-Jun-02	<0.1
3845	MSL-GP27-001	0-6"	09-Jun-02	11:10	09-Jun-02	0.29
3846	MSL-GP27-002	24-30"	09-Jun-02	11:12	09-Jun-02	<0.1
3847	MSL-GP27-003	42-48"	09-Jun-02	11:14	10-Jun-02	<0.1
3848	MSL-GP28-001	0-6"	09-Jun-02	11:48	10-Jun-02	32
3849	MSL-GP28-002	24-30"	09-Jun-02	11:50	10-Jun-02	33
3850	MSL-GP29-001	0-6"	09-Jun-02	12:37	10-Jun-02	53
3851	MSL-GP29-002	24-30"	09-Jun-02	12:39	10-Jun-02	33
3852	MSL-GP29-003	42-48"	09-Jun-02	12:41	10-Jun-02	2.9
3853	MSL-GP30-001	0-6"	09-Jun-02	13:38	10-Jun-02	14
3854	MSL-GP30-002	24-30"	09-Jun-02	13:40	10-Jun-02	49
3855	MSL-GP30-003	42-48"	09-Jun-02	13:42	10-Jun-02	10
3856	MSL-GP9-004	60-66"	11-Jun-02	10:45	11-Jun-02	260

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

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)
3857	MSL-GP9-005	72-78"	11-Jun-02	10:47	11-Jun-02	47
3858	MSL-GP9-006	90-96"	11-Jun-02	10:49	11-Jun-02	0.47
3859	MSL-GP31-001	0-6"	11-Jun-02	15:50	11-Jun-02	0.36
3860	MSL-Duplicate	-	11-Jun-02	-	11-Jun-02	0.25
3861	MSL-GP31-002	24-30"	13-Jun-02	11:20	13-Jun-02	2.7
3862	MSL-GP11-004	60-66"	13-Jun-02	12:07	13-Jun-02	33
3863	MSL-GP11-005	72-78"	13-Jun-02	12:09	13-Jun-02	170
3864	MSL-GP11-006	90-96"	13-Jun-02	12:11	13-Jun-02	69
3865	MSL-GP10-004	60-66"	13-Jun-02	13:05	13-Jun-02	580
3866 (1)	MSL-GP10-005	72-78"	13-Jun-02	13:07	13-Jun-02	160
3867	MSL-GP10-006	90-96"	13-Jun-02	13:09	13-Jun-02	95
3868	MSL-Duplicate	-	13-Jun-02	-	13-Jun-02	170
3869	MSL-GP12-004	60-66"	13-Jun-02	14:30	13-Jun-02	290
3870	MSL-GP12-005	72-78"	13-Jun-02	14:32	13-Jun-02	33
3871	MSL-GP12-006	90-96"	13-Jun-02	14:34	13-Jun-02	200
3872	MSL-GP14-004	60-66"	13-Jun-02	15:00	13-Jun-02	3.4
3873	MSL-GP14-005	72-78"	13-Jun-02	15:02	13-Jun-02	<0.1
3874	MSL-GP14-006	90-96"	13-Jun-02	15:04	13-Jun-02	<0.1
3882	MSL-GP15-004	60-66"	22-Jun-02	9:35	22-Jun-02	76
3883	MSL-GP16-004	60-66"	22-Jun-02	10:15	22-Jun-02	5.7
3884	MSL-GP16-005	72-78"	22-Jun-02	10:20	22-Jun-02	0.38
3885	MSL-GP16-006	90-96"	22-Jun-02	10:25	22-Jun-02	0.20
3886	MSL-Duplicate	-	22-Jun-02	-	22-Jun-02	0.21
3887	MSL-GP18-004	60-66"	22-Jun-02	12:45	22-Jun-02	7.6
3888	MSL-GP18-005	72-78"	22-Jun-02	12:50	22-Jun-02	<0.1
3889	MSL-GP18-006	90-96"	22-Jun-02	12:59	22-Jun-02	<0.1
3890	MSL-GP19-004	60-66"	22-Jun-02	13:45	22-Jun-02	16
3891	MSL-GP19-005	72-78"	22-Jun-02	13:50	22-Jun-02	36
3892	MSL-GP19-006	90-96"	22-Jun-02	13:55	22-Jun-02	26
3893	MSL-GP20-004	60-66"	22-Jun-02	15:53	22-Jun-02	0.63
3894	MSL-GP20-005	72-78"	22-Jun-02	15:53	22-Jun-02	<0.1
3895	MSL-GP20-006	90-96"	22-Jun-02	16:00	22-Jun-02	<0.1
3972	MSL-GP19-007	96-102"	28-Jun-02	10:18	29-Jun-02	2.6
3973	MSL-GP19-008	114-120"	28-Jun-02	10:22	29-Jun-02	<0.1
3974	MSL-GP19-009	138-144"	28-Jun-02	10:26	29-Jun-02	<0.1
3975	MSL-Duplicate	-	28-Jun-02	-	29-Jun-02	<0.1

(1) = Sample contains second Aroclor 1016 at 96 mg/kg, estimated value.

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

Table 2

QC Samples - June

Table 2
QC Results

Lab # associated with qc samples: 3761 through 3773

	Matrix Spike 3762		Matrix Spike Duplicate 3762			Blank 288	LCS 288
Date Analyzed:	6/6/02		6/6/02			6/6/02	6/6/02
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	105		117		11%	< 0.1	110

Table 2
QC Results

Lab # associated with qc samples: 3774 through 3793

	Matrix Spike 3780	Matrix Spike Duplicate 3780	Blank 289	LCS 289
Date Analyzed:	6/7/02	6/7/02	6/7/02	6/7/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	105		101		4%	< 0.1	104

Table 2
QC Results

Lab # associated with qc samples: 3794 through 3803

	Matrix Spike 3801	Matrix Spike Duplicate 3801	Blank 290	LCS 290
Date Analyzed:	6/8/02	6/8/02	6/7/02	6/7/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	101		111		-9%	< 0.1	107

Table 2
QC Results

Lab # associated with qc samples: 3804 through 3823

	Matrix Spike 3811	Matrix Spike Duplicate 3811	Blank 291	LCS 291
Date Analyzed:	6/8/02	6/8/02	6/8/02	6/8/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	93.4		111		-17%	< 0.1	106

Table 2
QC Results

Lab # associated with qc samples: 3824 through 3831

	Matrix Spike 3831	Matrix Spike Duplicate 3831	Blank 292	LCS 292
Date Analyzed:	6/9/02	6/9/02	6/9/02	6/9/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	100		114		-13%	< 0.1	99.3

Table 2
QC Results

Lab # associated with qc samples: 3832 through 3851

	Matrix Spike 3834	Matrix Spike Duplicate 3834	Blank 293	LCS 293
Date Analyzed:	6/9/02	6/9/02	6/9/02	6/9/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	118		120		-2%	< 0.1	107

Table 2
QC Results

Lab # associated with qc samples: 3852 through 3855

	Matrix Spike 3854	Matrix Spike Duplicate 3854	Blank 294	LCS 294
Date Analyzed:	6/10/02	6/10/02	6/10/02	6/10/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	60.6		86.7		-35%	< 0.1	99

Table 2
QC Results

Lab # associated with qc samples: 3856 through 3860

	Matrix Spike 3858	Matrix Spike Duplicate 3858	Blank 295	LCS 295
Date Analyzed:	6/11/02	6/11/02	6/11/02	6/11/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	90.6		93		-3%	< 0.1	100

Table 2
QC Results

Lab # associated with qc samples: 3861 through 3874

	Matrix Spike 3862	Matrix Spike Duplicate 3862	Blank 296	LCS 296
Date Analyzed:	6/13/02	6/13/02	6/13/02	6/13/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	87.4		89.2		-2%	< 0.1	98.4

Table 2
QC Results

Lab # associated with qc samples: 3882 through 3895

	Matrix Spike 3885		Matrix Spike Duplicate 3885			Blank 300	LCS 300
Date Analyzed:	6/22/02		6/22/02			6/22/02	6/22/02
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	96.3		93.7		3%	< 0.1	102

Table 2
QC Results

Lab # associated with qc samples: 3972 through 3975

	Matrix Spike 3974	Matrix Spike Duplicate 3974	Blank 306	LCS 306
Date Analyzed:	6/29/02	6/29/02	6/29/02	6/29/02

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	79.1		87.2		-10%	< 0.1	82

Table 3
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations Detected in Rinsates

					Field Laboratory	
Field Lab Sample ID	Sample ID	Sample Depth (ft bgs)	Date Collected	Time Collected	Date Analyzed	Concentration (ug/L)
W104	Rinsate	-	04-Jun-02	10:10	10-Jun-02	< 2
W105	Rinsate	-	04-Jun-02	10:13	10-Jun-02	< 2
W106	Rinsate	-	10-Jun-02	9:50	10-Jun-02	< 2
W107	Rinsate	-	10-Jun-02	9:55	10-Jun-02	< 2
W108	Rinsate #1	-	20-Jun-02	14:14	25-Jun-02	< 2
W109	Rinsate #2	-	20-Jun-02	14:15	25-Jun-02	< 2
W110	Rinsate #3	-	20-Jun-02	14:16	25-Jun-02	< 2
W111	Rinsate #4	-	20-Jun-02	14:17	25-Jun-02	< 2

Table 4

QC Samples – Rinsate Samples

Table 4
Rinsate Samples
QC Summary
Lab # associated with qc samples: W104 through W107

	Matrix Spike W107	Matrix Spike Duplicate W107		Blank	LCS
Date Analyzed:	6/10/02	6/10/02		6/10/02	6/10/02

Compound	% Rec		% Rec		% RPD	Total ug/L	% Rec
PCB as 1260	108		111		-3%	< 2	104

Table 4
Rinsate Samples
QC Summary

Lab # associated with qc samples: W108 through W111

	Matrix Spike W111	Matrix Spike Duplicate W111		Blank	LCS
Date Analyzed:	6/25/02	6/25/02		6/25/02	6/25/02

Compound	% Rec		% Rec		% RPD	Total ug/L	% Rec
PCB as 1260	111		116		-4%	< 2	114

Appendix A

Chain of Custody Sheets for Samples

SOILS

CHAIN OF CUSTODY

No. 003902 *

Page 1 of 1

Environmental Chemistry Consulting Services, Inc.

2825 Advance Road Madison, WI 53718

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

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SCHEELE
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Chuck Paul	

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*	Depth / Analysis Requested	PCB's	Comments	Laboratory Number
MSL-GP1-001	06JN02	1620	S	1	NA	0-6"	X		3767
GP2-001		1640				0-6"			3768
-002		1640				24-30"			3769
-003		1640				42-48"			3770
GP3-001		1734				0-6"			3771
-002		1735				16-22"			3772
-003		1735				30-36"			3773

*Preservation Code

A=None B=HCL C=H2SO4

D=HNO3 E=EnCore F=Methanol

G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time: 06/6/02 1814	Received By:
Relinquished By:	Date/Time:	Received By:

Date/Time: 06JN02 18:15

Date/Time:

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

Receipt Temp:

Temp Blank Y N

Shipped Via:

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SOILS

CHAIN OF CUSTODY

No. 003903 *

Page 1 of 3

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN + SLACK
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*	Depth / Analysis Requested	PCBs	Comments	Laboratory Number
MSL-CP4-001	07 JAN 02	0815	S	1	NA	0-6"	X		3774
-002		0817				24-30"			3775
-003		0820				42-48"			3776
CP5-001		0835				0-6"			3777
-002		0838				24-30"			3778
-003		0840				42-48"			3779
CP6-001		0900				0-6"			3780
-002		0903				24-30"			3781
-003		0905				42-48"			3782
CP7-001		0912				0-6"			3783
-002		0913				12-18"			3784
CP8-001		0940				0-6"			3785

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

Relinquished By:	Date/Time: 6/8/02 1025	Received By: Date/Time: 07 JAN 02 10:30
Relinquished By:	Date/Time:	Received By: Date/Time:

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

CHAIN OF CUSTODY

No. 003904 *

Page 2 of 3

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & STABLE
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Chuck Paul	

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 PAH	Analysis Requested PCB's	Comments	Laboratory Number
MSL-GP8-002	07JN02	0943	S	1	NA	24-30"	V		3786
↓ -003		0946				42-48"			3787
GP9-001		1005				0-6"			3788
-002		1007				24-30"			3789
↓ -003		1009				42-48"			3790
GP10-001		1405				0-6"			3792
-002		1407				24-30"			3793
↓ -003		1410				42-48"			3794
GP11-001		1435				0-6"			3795
-002		1437				24-30"			3796
↓ -003		1439				42-48"			3797
↓ GP12-001	↓	1725	↓	↓	↓	0-6"	↓		3798

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

Relinquished By:	Date/Time: 6/7/02 1809	Received By:	Date/Time: 07JN02 18:10
Relinquished By:	Date/Time:	Received By:	Date/Time:

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Receipt Temp:
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CHAIN OF CUSTODY

No. 003905 *
Page 3 of 3

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN + SCAGLE
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Chuck Peil	

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*	Depth	Analysis Requested PCBs	Comments	Laboratory Number
MSL-GP12-002	07JN02	1727	S	1	NA	24-30"	X		3799
↓ -003	↓	1729	↓	↓	↓	42-48"	↓		3800
GP13-001		1745				0-6"			3801
-002		1746				24-30"			3802
-003	↓	1748	↓	↓	↓	42-48"	↓		3803

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

Relinquished By:		Date/Time: 6/10/02 1819	Received By:	Date/Time: 07JN02 19:20
Relinquished By:		Date/Time:	Received By:	Date/Time:

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

SOIL

No. 003907 *

Page 1 of 3

Turn Around (circle one) Normal Rush	
Report Due:	
Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUITLMAN ELECTRIC	Company: MARTIN & SLACK
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Chuck Paul	
	P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Depth Analysis Requested PCBs	Comments	Laboratory Number
MSL-GP14-001	08JN02	0820	S	1	NA	0-6' X		3804
-002		0822				24-30"		3805
-003		0824				42-48		3806
GP15-001		0846				0-6"		3807
-002		0848				24-30"		3808
-003		0850				42-48"		3809
GP16-001		0920				0-6"		3810
-002		0924				24-30"		3811
-003		0926				42-48"		3812
GP17-001		1002				0-6"		3813
-002		1004				24-30"		3814
-003		1006				42-48"		3815

*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:
	6/8/02 1051		08JN02 10:52
Relinquished By:	Date/Time:	Received By:	Date/Time:

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

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CHAIN OF CUSTODY

No. 003908 *

Page 2 of 3

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested: Depth	Analysis Requested: PCB's	Comments	Laboratory Number
MSL-GP18-001	08JN02	1055	S	1	NA	0-6"	X		3817
-002		1057				24-30"			3818
-003		1058				42-48"			3819
GP19-001		1232				0-6"			3820
-002		1234				24-30"			3821
-003		1236				42-48"			3822
GP20-001		1258				0-6"			3823
-002		1301				24-30"			3824
-003		1303				42-48"			3825
GP21-001		1340				0-6"			3826
-002		1342				24-30"			3827
-003		1343				42-48"			3828

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

Relinquished By:	Date/Time: 6/8/02 1505	Received By:	Date/Time: 08JN02 15:10
Relinquished By:	Date/Time:	Received By:	Date/Time:

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No. 003909 *

Page 3 of 7

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUMLIAN ELECTRIC	Company: MARTIN & SCHELER
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Chuck Paul	

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	PCBs	Comments	Laboratory Number
MSL-GP22-001	06JN02	1535	S	1	NA	0-6'	X		3929
" " -002	"	1537	"	"	"	24-30"	"		3930
" " -003	"	1539	"	"	"	42-48"	"		3931

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

Relinquished By:	Date/Time: 6/8/02	Received By:	Date/Time: 06JN02 15:15
Relinquished By:	Date/Time:	Received By:	Date/Time:

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

CHAIN OF CUSTODY

No. 003910 *

Page 1 of 2

Project Number:		Mail Report To: ROBERT MARTIN	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC		Company: MARTIN & KLAGLE	Report Due:
Project Location: CRYSTAL SPRINGS		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*	Depth / Analysis Requested	PCBs	Comments	Laboratory Number
MSL-GP23-001	09JN02	0830	S	1	NA	0-6"	X		3832
-002		0832				24-30"			3833
-003		0834				42-48"			3834
GP24-001		0905				0-6"			3835
-002		0907				24-30"			3836
-003		0909				42-48"			3837
GP25-001		0938				0-6"			3838
-002		0940				24-30"			3839
-003		0942				42-48"			3840
GP26-001		1021				0-6"			3842
-002		1023				24-30"			3843
-003		1025				42-48"			3844

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By:	Date/Time: 6/9/02 1329	Received By:	Date/Time: 09JN02 13:30
	Relinquished By:	Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent	Intact/Not Intact	Seal #'s	Receipt Temp:	
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CHAIN OF CUSTODY

No. 003911 *

Page 2 of 2

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Depth	Analysis Requested	PCB's	Comments	Laboratory Number
MSL-GP27-001	06JN02	1110	S	1	NA	0-6"		X		3845
-002		1112				24-30"				3846
-003		1114				42-48"				3847
GP28-001		1148				0-6"				3848
-002		1150				24-30"				3849
GP29-001		1237				0-6"				3850
-002		1239				24-30"				3851
-003		1241				42-48"				3852
GP30-001		1334				0-6"				3853
-002		1340				24-30"				3854
-003		1342				42-48"				3855

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

Relinquished By:	Date/Time: 6/9/02 1359	Received By:	Date/Time: 09JN02 14:08
Relinquished By:	Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent	Intact/Not Intact	Seal #'s	Receipt Temp:
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CHAIN OF CUSTODY

No. 003915 *

Page 1 of 1

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & STAGLE
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*	Depth	Analysis Requested	Comments	Laboratory Number
MSL-GP9-004	11/30/02	1045	S	1	NA	60-66"	PCBs X		3856
-005		1047				72-78"			3857
-006		1049				90-96"			3858
GP31-601		1550				0-6"			3859

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

Relinquished By:	Date/Time: 6/11/02 1605	Received By:	Date/Time: 11/30/02 16:06
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
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CHAIN OF CUSTODY No. 003916

Page 1 of 2

Turn Around (circle one) Normal Rush

Project Number:
Project Name: KUHLMAN ELECTRIC
Project Location: CRYSTAL SPRINGS
Sampled By (Print): Chuck Paul

Mail Report To: ROBERT MARTIN
Company: MARTIN & SLAGLE
Address:

Report Due:
Invoice To:
Company:
Address:
P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Depth	Analysis Requested PCB's	Comments	Laboratory Number
MSL-GP31-002	13JN02	1120	S	1	NA	24-30"	K		3861
MSL-GP11-004		1207				60-66"			3862
-005		1209				72-78"			3863
-006		1211				90-96"			3864
GP10-004		1305				60-66"			3865
-005		1307				72-78"			3866
-006		1309				90-96"			3867
GP12-004		1430				60-66"			3869
-005		1432				72-78"			3870
-006		1434				90-96"			3871
GP13-004		1500				60-66"			3872
GP14-005		1502				72-78"			3873

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

Relinquished By: [signature] Date/Time: 6/13/02 1629
Received By: [signature] Date/Time: 13JN02 16:30

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

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

No. 003917 *

Page 2 of 2

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUTTEMAN ELECTRIC	Company: MARTIN & SUACLE
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Chuck Paul	

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*	Depth	Analysis Requested PCBS	Comments	Laboratory Number
MSL-CP14-006	12/30/02	1504	S	1	NA	90-96	X		3874

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

Relinquished By:	Date/Time: 12/30/02 1657	Received By:
Relinquished By:	Date/Time:	Received By:

Date/Time: 12/30/02 17:00

Date/Time:

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

Shipped Via:

Receipt Temp:
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OILS

CHAIN OF CUSTODY

No. 003920

Page 1 of 2

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SCHAGLE
Project Location: CRYSTAL SPRINGS MISS	Address:
Sampled By (Print): Charles Card	

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*	Depth Analysis Requested	PCB's	Comments	Laboratory Number
MSL-GP15-004	22JN02	0935	S	1	NA	60-66"	X		3882
GP16-004		1015				60-66"			3883
-005		1020				72-78"			3884
-006		1025				90-96"			3885
GP18-004		1245				60-66"			3887
-005		1250				72-78"			3888
-006		1259				90-96"			3889
GP19-004		1345				60-66"			3890
-005		1350				72-78"			3891
-006		1355				90-96"			3892
GP20-004		1553				66-66"			3893
-005		1553				72-78"			3894

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

Relinquished By: [signature] Date/Time: 6/22/02 1627
Received By: [signature] Date/Time: 22JN02 16:28
Relinquished By: Date/Time:
Received By: Date/Time:

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

No. 003928 *

Page 2 of 2

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SLACK
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*	Depth	Analysis Requested PCBs	Comments	Laboratory Number
MSL-CP30-006	22JUN	1600	S	1	NA	94-96"	X		3895

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

Relinquished By: Chuck Peel — Date/Time: 6/22/1634
Relinquished By: — Date/Time:

Received By: — Date/Time: 22JUN02 16:35
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

CHAIN OF CUSTODY

No. 003094 *

Page 1 of 1

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & CLARKE
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: Depth / PCBs	Comments	Laboratory Number
MSL-GP19-007	28JN02	1018	S	1	NA	96-102		3972
-008		1022				114-120		3973
-009		1026				138-144		3974

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

Relinquished By:	Date/Time: 6/28/02 1253	Received By:	Date/Time: 28JN02 12:54
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

Appendix B

Chain of Custody Sheets for Duplicates

Environmental Chemistry Consulting Services, Inc.

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

CHAIN OF CUSTODY

No. 003696 *

Page 1 of 1

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
Duplicate	04JN02	—	S	1	NA	PCB's		3733
Duplicate	05JN02	—	S	1	NA	PCB's		3751
Duplicate	06JN02	—	S	1	NA	PCB's		3766
Duplicate	07JN02	—	S	1	NA	PCB's		3791

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

Relinquished By:	Date/Time: 6/7/02 1314	Received By:	Date/Time: 07JN02 13:15
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

CHAIN OF CUSTODY

No. 003906 *

Page 1 of 1

Project Number:	Mail Report To: ROBERT MARTIN	Turn Around (circle one) Normal Rush
Project Name: KUITEMAN ELECTRIC	Company: MARTIN & PLACE	Report Due:
Project Location: CRYSTAL SPRINGS	Address:	Invoice To:
Sampled By (Print): Chuck Paul		Company:
		Address:
		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
DUPLICATE	05JN02	—	S	1	NA	PCBs		3816
DUPLICATE	09JN02	—	S	1	NA	PCBs		3841

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

Relinquished By: Chuck O. Paul	Date/Time: 6/10/02 1259	Received By:	Date/Time: 10JN02 13:00
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

CHAIN OF CUSTODY

No. 003912 *

Page 1 of 1

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Depth	Analysis Requested PCB	Comments	Laboratory Number
DUPLICATE	11/30/02	—	S	1	NA	—	X		3860
DUPLICATE	11/30/02	—	S	1	NA	—	X		3868

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

Relinquished By:	Date/Time: 6/4/02 1400	Received By: Richard Johnson 11/30/02	Date/Time: 1330
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 608-221-4888

SOILS

CHAIN OF CUSTODY

No. 023921

Page 1 of 1

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN + SLATE
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Chuck Paul	

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: Depth	Analysis Requested: PCBs	Comments	Laboratory Number
DUPLICATE	2/25/02	—	S	1	NA	—	X		3996
DUPLICATE	2/25/02	—	S	1	NA	—	X		3902
DUPLICATE	2/25/02	—	S	1	NA	—	X		3932

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

Relinquished By: Chuck Paul — Date/Time: 2/27/02 1259 — Received By: [signature] — Date/Time: 2/27/02 13:00

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

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

Shipped Via:

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

SILS

CHAIN OF CUSTODY

No. 003095 *

Page 1 of 1

Project Number:	Mail Report To: ROBERT MARTIN	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SLATER	Report Due:
Project Location: CRYSTAL SPRINGS	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
DUPLICATE	2/8/02	—	S	1	NA	PCBi		3975

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

Relinquished By:	Date/Time: 2/8/02 0729	Received By:	Date/Time: 2/8/02 0730
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

Appendix C

Chain of Custody Sheets for 10% Confirmation Samples sent to Paradigm Analytical

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# 28893

Page 1 **of** 1

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

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

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: RBI										Comments: Please specify any special reporting requirements
MSL-CP3-002	06JN02	1735	S	X				X										3772
MSL-CP4-002	07JN02	0817	S	X				X										3775
MSL-CP5-002	07JN02	0836	S	X				X										3778
MSL-CP6-002	07JN02	0907	S	X				X										3781
MSL-CP8-002	07JN02	0943	S	X				X										3786

Meet hold times - 14 day extraction, 40 day analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	6/7/02	1400				

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# 28895

Page 1 of 1

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

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

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: PCBs										Comments: Please specify any special reporting requirements — Mobile Lab #
MSL-GP15-001	08JN02	0946	S	X				X										3807
MSL-GP19-001	08JN02	1232	S	X				X										3820
MSL-GP21-002	08JN02	1342	S	X				X										3827
MSL-GP24-001	09JN02	0945	S	X				X										3835
MSL-GP29-001	09JN02	1237	S	X				X										3850
MSL-GP30-002	09JN02	1340	S	X				X										3854

Comments: Meet hold times – 14 days extraction – 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	[illegible]	1400				

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# 28896

Page 1 **of** 1

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

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-665-7425
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: PCBs										Comments: Please specify any special reporting requirements — MOBIL LAB #
MSL-GP31-001	11JN02	1550	S	X				X										3859
MSL-GP11-005	13JN02	1209	S	X				X										3863
MSL-GP17-006	13JN02	1434	S	X				X										3871

Meet hold times - 14 days extraction, 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[illegible signature]	[illegible]	[illegible]				

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# 28884
Page 1 **of** 1

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

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

Date: 21JN02
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date (19JN02 WATER OVER / 13JN02)	Time	*Matrix*	Preservatives: NA				Analyses: PCB										Comments: Please specify any special reporting requirements — MOBILE LAB #	DEPTH
YYL-SPM-005	[illegible]	1307	S	X				X										3866	72-78"

MEET HOLD TIMES! 14 DAYS EXTRACTION 40 DAYS ANALYSIS

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[signature]	6/21/02	1400					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# 28887

Page 1 **of** ____

Client: MARTIN + SLAGLE **Project ID:** KUHLMAN ELECTRIC **Date:** ____ **Report To:** SAME
Address: ____ **Contact:** ROBERT MARTIN **Turnaround:** STD
Address: BLACK MOUNTAIN NC **Phone:** ____ **Job Number:** ____
Quote #: ____ **Fax:** ____ **P.O. Number:** ____ **Invoice To:** SAME

Sample ID	Date	Time	*Matrix*	Preservatives				Analyses										Comments: Please specify any special reporting requirements
				ICE				PCBs										MOBILE LAB
MS1-GP16-006	22JUN02	1025	S	X				X										3885
MW-GP13-006	22JUN02	1355	S	X				X										3892

Need hold times - 14 days extraction, 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[signature]	6/21/02	1645					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# 28890

Page 1 **of** 1

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

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone:
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives				Analyses										Comments: Please specify any special reporting requirements
								PCBs										Mobile Lab #
MSL-GP19-00P	28 Nov	1020	S	NA				X										3973

14 day extraction 40 day analysis Must hold time

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[illegible signature]	11/..02	1400				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

Appendix D

Chain of Custody Sheets for Duplicates sent to Paradigm Analytical

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# 28897

Page 1 of 1

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

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-669-7929
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives				Analyses: PCBs										Comments: Please specify any special reporting requirements — MOBIL LAB #
DUPLICATE	04JN02	—	S	NA				X										3733
DUPLICATE	05JN02	—	S	NA				X										3751
DUPLICATE	06JN02	—	S	NA				X										3766
DUPLICATE	07JN02	—	S	NA				X										3791

Meet hold times — 14 days extraction, 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	6/7/02	1400				

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# 28894

Page 1 **of** 1

Client: MARTIN + SLAGLE **Project ID:** KUHLMAN ELECTRIC **Date:** ______ **Report To:** SAME
Address: ______ **Contact:** ROBERT MARTIN **Turnaround:** STD
Address: BLACK MOUNTAIN NC **Phone:** 828-669-7979 **Job Number:** ______
Quote #: ______ **Fax:** ______ **P.O. Number:** ______ **Invoice To:** SAME

Sample ID	Date	Time	*Matrix*	Preservatives				Analyses										Comments: Please specify any special reporting requirements
				NA				RCRA										MOBILE LAB [illegible]
Duplicate	09JUN02	—	S	X				X										3816
Duplicate	09JUN02	—	S	X				X										3841
																		Method hold times - 14 days extraction 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
[signature]	[illegible]	[illegible]					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# 28881

Page 1 **of** 1

Client: Martin & Slagle
Address:
Address: Black Mountain NC
Quote #:

Project ID: Kuhlman Electric
Contact: Robert Martin
Phone: 828-669-3971
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: Same
Invoice To: Same

Sample ID	Date	Time	Matrix	Preservatives				Analyses										Comments: Please specify any special reporting requirements
																		Mobil Lab #
Duplicate	11JN02	—	S	X				X										3860
Duplicate	13JN02	—	S	X				X										3868

Must hold times – 14 days extraction, 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[illegible signature]	6/14/02	1400				

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# 28886

Page 1 of ____

Client: Martin + Slagle
Address:
Address: Black Mountain NC
Quote #:

Project ID: Kuhlman Electric
Contact: Robert Martin
Phone:
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: Same
Invoice To: Same

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: PCB										Comments: Please specify any special reporting requirements
																		Aotic Lab #
DUPLICATE	22JUN02	—	S	X				X										3886
DUPLICATE	23JUN02	—	S	X				X										3902
DUPLICATE	24JUN02	—	S	X				X										3932

Comments: Meet hold times – 14 days extraction – 40 days analysis

Sent to
Tom Lupo
Nov 2002

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles Peel	6/27/02	1445				

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# 28889

Page 1 **of** 1

Client: MARTIN + SLAGLE **Project ID:** KUHLMAN ELECTRIC **Date:** ____ **Report To:** SAME
Address: ____ **Contact:** ROBERT MARTIN **Turnaround:** STD
Address: BLACK MOUNTAIN NC **Phone:** ____ **Job Number:** ____
Quote #: ____ **Fax:** ____ **P.O. Number:** ____ **Invoice To:** SAME

Sample ID	Date	Time	*Matrix*	Preservatives				Analyses: PCBs										Comments: Please specify any special reporting requirements
																		MOBIL LAB #
DUPLICATE	28 NOV 02	—	S	NA				X										3975

Must hold times (14 days extraction / 40 days analysis)

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	7/?/0?	14??				

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

Appendix E

Copy of Shipping Information for Samples sent to Paradigm Analytical

FedEx Express USA Airbill FedEx Tracking Number 827710821248

1 From Please print and press hard.

Date 6/7/02 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 898-2792

Company Peel Consulting

Address 140 Chapel Lane Dept./Floor/Suite/Room

City Madison State MS ZIP 39110

2 Your Internal Billing Reference First 24 characters will appear on invoice. Martin & Slagle

3 To

Recipient's Name Receiving Phone (910) 350-1903

Company PARADIGM ANALYTICAL LABS

Address 2627 NORTHCHASE PKWY SE

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405

Peel and Stick FedEx USA Airbill

See back for application instructions.

Questions? Visit our Web site at fedex.com

or call 1·800·Go·FedEx® (800)463-3339.

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

0186156669

MOR13

Form I.D. No. 0215

4a Express Package Service Packages up to 150 lbs. Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day — Second business day
- [ ] FedEx Express Saver — Third business day
- [ ] NEW FedEx Extra Hours — Later drop-off with next business afternoon delivery for select locations

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service Packages over 150 lbs. Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation:

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [X] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling Include FedEx address in Section 3

- [X] SATURDAY Delivery — Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] SUNDAY Delivery — Available only for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods (incl. Dry Ice) cannot be shipped in FedEx packaging or with FedEx Extra Hours service.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 1811-4189-1 Exp. Date

Total Packages	Total Weight	Total Declared Value†
		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

406

Rev. Date 12/00 • Part #155918 • ©1994-2000 FedEx • PRINTED IN U.S.A. GBFE 3/01

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

FedEx Express USA Airbill FedEx Tracking Number 827710821259

MUR13

Form I.D. No. 0215 Sender's Copy

1 From Please print and press hard.

Date 6/10/02 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 955-8531

Company PEEL CONSULTING

Address 140 Chapel Lane Dept./Floor/Suite/Room

City Madison State MS ZIP 39110

2 Your Internal Billing Reference First 24 characters will appear on invoice. MARTIN E SLAGE

3 To

Recipient's Name Receiving Phone (910) 350-1903

Company PARADIGM ANALYTICAL LABS

Address 2627 NORTHCHASE PKWY SE

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405

Peel and Stick FedEx USA Airbill

See back for application instructions.

Questions? Visit our Web site at fedex.com

or call 1-800-Go-FedEx® (800)463-3339.

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

0186156669

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day — Second business day
- [ ] FedEx Express Saver — Third business day
- [ ] NEW FedEx Extra Hours — Later drop-off with next business afternoon delivery for select locations

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

* Call for Confirmation

5 Packaging * Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [X] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling

- [ ] SATURDAY Delivery — Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] SUNDAY Delivery — Available only for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods (incl. Dry Ice) cannot be shipped in FedEx packaging or with FedEx Extra Hours service.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 1811-4189-1 Exp. Date

Total Packages	Total Weight	Total Declared Value†	
		$ .00	FedEx Use Only

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

FedEx Express USA Airbill

FedEx Tracking Number 827710821260

MUR13

Form I.D. No. 0215 Sender's Copy

1 From Please print and press hard.

Date June 14, 2 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 955 8531

Company PEEL CONSULTING

Address 140 Chapel Lane Dept./Floor/Suite/Room

City MADISON State MS ZIP 39110

2 Your Internal Billing Reference First 24 characters will appear on invoice. MARTIN SEAGLE

3 To

Recipient's Name Receiving Phone (910) 350-1903

Company PARADIGM ANALYTICAL LABS

Address 2627 NORTHCHASE PKWY SE

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405

Peel and Stick FedEx USA Airbill

See back for application instructions.

Questions? Visit our Web site at fedex.com

or call 1-800-Go-FedEx® (800)463-3339.

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

0186156669

4a Express Package Service Packages up to 150 lbs. Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day — Second business day
- [ ] FedEx Express Saver — Third business day
- [ ] NEW FedEx Extra Hours — Later drop-off with next business afternoon delivery for select locations

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service Packages over 150 lbs. Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

*Call for Confirmation:

5 Packaging *Declared value limit $500

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling Include FedEx address in Section 3

- [X] SATURDAY Delivery — Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] SUNDAY Delivery — Available only for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods?

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods (incl. Dry Ice) cannot be shipped in FedEx packaging or with FedEx Extra Hours service.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 1811-4189-1 Exp. Date

Total Packages | Total Weight | Total Declared Value† $ .00 | FedEx Use Only

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

FedEx. USA Airbill FedEx Tracking Number 821859693590

Form I.D. No. 0215 — Sender's Copy — SNA21

1 From Please print and press hard.

Date 6/21/07 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 898 2795

Company Peer Consulting

Address 140 Chapel Lane Dept./Floor/Suite/Room

City MADISON State MS ZIP 39110

2 Your Internal Billing Reference First 24 characters will appear on invoice.

3 To

Recipient's Name Receiving Phone ( )

Company PARADIGM ANALYTICAL LABS

Address 2627 NORTHCHASE PKWY SE

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405

Peel and Stick FedEx USA Airbill

See back for application instructions.

Questions? Call 1·800·Go·FedEx® (800-463-3339)

Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

0145712567

4a Express Package Service — Packages up to 150 lbs. Delivery commitment may be later in some areas.

- [X] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day* — Second business day
- [ ] FedEx Express Saver* — Third business day

*FedEx Envelope/Letter Rate not available. Minimum charge: One-pound rate

4b Express Freight Service — Packages over 150 lbs. Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

*Call for Confirmation:

5 Packaging — *Declared value limit $500

- [ ] FedEx Envelope/Letter*
- [ ] FedEx Pak*
- [X] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling — Include FedEx address in Section 3.

- [X] SATURDAY Delivery — Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] SUNDAY Delivery — Available for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 1811-4189-1 Exp. Date

Total Packages	Total Weight	Total Declared Value†	FedEx Use Only
		$ .00	

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

402

Rev. Date 2/00 • Part #155312 • ©1994–2000 FedEx • PRINTED IN U.S.A. GBFE 600

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

FedEx. USA Airbill FedEx Tracking Number 821859693589

1 From Please print and press hard.

Date 6/27/02 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone ( ) 955 8531

Company PEEL Consulting

Address 140 Chapel Lane Dept./Floor/Suite/Room

City MADISON State MS ZIP 39110

2 Your Internal Billing Reference First 24 characters will appear on invoice.

3 To

Recipient's Name RECEIVING Phone ( )

Company PARADIGM ANALYTICAL LABS

Address 2627 NORTHCHASE PKWY SE

To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405

Peel and Stick FedEx USA Airbill

See back for application instructions.

Questions? Call 1·800·Go·FedEx® (800-463-3339)

Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

0145712567

BNA21

Form I.D. No. 0215 Sender's Copy

4a Express Package Service *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight — Next business morning
- [ ] FedEx Standard Overnight — Next business afternoon
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations
- [ ] FedEx 2Day* — Second business day
- [ ] FedEx Express Saver* — Third business day

*FedEx Envelope/Letter Rate not available. Minimum charge: One-pound rate

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* — Next business day
- [ ] FedEx 2Day Freight — Second business day
- [ ] FedEx 3Day Freight — Third business day

*Call for Confirmation

5 Packaging *Declared value limit $500

- [ ] FedEx Envelope/Letter*
- [ ] FedEx Pak*
- [x] Other Pkg. — Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] SUNDAY Delivery — Available for FedEx Priority Overnight to select ZIP codes
- [ ] HOLD Weekday at FedEx Location — Not available with FedEx First Overnight
- [ ] HOLD Saturday at FedEx Location — Available for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous Goods cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [x] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. 1811-4189-1 Exp. Date

Total Packages	Total Weight	Total Declared Value†
		$ .00

FedEx Use Only

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE.

Appendix F

Chain of Custody Sheets for Rinsates

Environmental Chemistry Consulting Services, Inc.

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

ISC

CHAIN OF CUSTODY

No. 003897 *

Page 1 of 1

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN + SLAGLE
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
Rinsate	09JN02	1010	W	1	NA	PCB's		W104
Rinsate	09JN02	1013	W	1	NA	PCB's		W105
Rinsate	10JN02	0950	W	1	NA	PCB's		W106
Rinsate	10JN02	0955	W	1	NA	PCB's		W107

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

Relinquished By:	Date/Time: 10 Jun 02 1054	Received By:	Date/Time: 10JN02 11:00
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

CHAIN OF CUSTODY No. 003914

Page 1 of

Project Number:	Mail Report To: ROBERT MARTIN
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SLAGLE
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Chuck Paul	

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
RINSATE #1	20 JN 02	1414	H2O	1	NA	PCB's		W108
#2		1415		1	✓			W109
#3		1416		1	✓			W110
#4		1417		1	✓			W111

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

Relinquished By: Chuck Paul Date/Time: 6/20/02 1429
Relinquished By: Date/Time:

Received By: R Johnson 20 JN 02 Date/Time: 1430
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 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

June 25, 2002

Report Number: G442-101

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate-3733
Client Project ID: Kuhlman Electric
Lab Sample ID: 45476
Lab Project ID: G442-101
Matrix: Soil %SOLIDS: 67.9

Date Collected: 6/4/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 2
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	280	BQL
Aroclor-1221	280	BQL
Aroclor-1232	280	BQL
Aroclor-1242	280	BQL
Aroclor-1248	280	BQL
Aroclor-1254	280	BQL
Aroclor-1260	280	3800
Aroclor-1262	280	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	66	66

*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: Duplicate-3751
Client Project ID: Kuhlman Electric
Lab Sample ID: 45477
Lab Project ID: G442-101
Matrix: Soil %SOLIDS: 83.8

Date Collected: 6/5/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	120	BQL
Aroclor-1221	120	BQL
Aroclor-1232	120	BQL
Aroclor-1242	120	BQL
Aroclor-1248	120	BQL
Aroclor-1254	120	BQL
Aroclor-1260	120	1400
Aroclor-1262	120	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	70	70

*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: Duplicate-3766
Client Project ID: Kuhlman Electric
Lab Sample ID: 45478
Lab Project ID: G442-101
Matrix: Soil %SOLIDS: 75.9

Date Collected: 6/6/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	130	BQL
Aroclor-1221	130	BQL
Aroclor-1232	130	BQL
Aroclor-1242	130	BQL
Aroclor-1248	130	BQL
Aroclor-1254	130	BQL
Aroclor-1260	130	BQL
Aroclor-1262	130	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	73	73

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate-3791
Client Project ID: Kuhlman Electric
Lab Sample ID: 45479
Lab Project ID: G442-101
Matrix: Soil %SOLIDS: 95.0

Date Collected: 6/7/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

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

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: Blk 6/10/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 6/14/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	37	BQL
Aroclor-1221	37	BQL
Aroclor-1232	37	BQL
Aroclor-1242	37	BQL
Aroclor-1248	37	BQL
Aroclor-1254	37	BQL
Aroclor-1260	37	BQL
Aroclor-1262	37	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.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: S-MS.MSD-5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

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:
Lab Sample ID: SLCS 5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	287	219	406

Reviewed By:

ARADIGM [illegible] YTICAL LABORATORIES, INC.
527 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# [illegible]37

Page 1 of 1

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

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-669-7929
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives	Analyses: Pb's	Comments: Please specify any special reporting requirements
					Pb's	MOBIL LAB #
DUPLICATE	04JN02	—	S	NA	X	3733
DUPLICATE	05JN02	—	S	NA	X	3751
DUPLICATE	06JN02	—	S	NA	X	3766
DUPLICATE	07JN02	—	S	NA	X	3791 MSL-GP4-002
						G442-101

Must hold fines - 14 days extraction
40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	6/7/02	1400	[signature]	6/8/02	1015	2.8

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

June 25, 2002

Report Number: G442-102

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: MSL-GP3-002
Client Project ID: Kuhlman Electric
Lab Sample ID: 45480
Lab Project ID: G442-102
Matrix: Soil %SOLIDS: 93.1

Date Collected: 6/6/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 10
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	1000	BQL
Aroclor-1221	1000	BQL
Aroclor-1232	1000	BQL
Aroclor-1242	1000	BQL
Aroclor-1248	1000	BQL
Aroclor-1254	1000	BQL
Aroclor-1260	1000	**11000**
Aroclor-1262	1000	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: MSL-GP4-002
Client Project ID: Kuhlman Electric
Lab Sample ID: 45481
Lab Project ID: G442-102
Matrix: Soil %SOLIDS: 95.0

Date Collected: 6/7/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	66	66

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: MSL-GP5-002
Client Project ID: Kuhlman Electric
Lab Sample ID: 45482
Lab Project ID: G442-102
Matrix: Soil %SOLIDS: 90.6

Date Collected: 6/7/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 10
Date Extracted: 06/11/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	1100	BQL
Aroclor-1221	1100	BQL
Aroclor-1232	1100	BQL
Aroclor-1242	1100	BQL
Aroclor-1248	1100	BQL
Aroclor-1254	1100	BQL
Aroclor-1260	1100	**12000**
Aroclor-1262	1100	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: MSL-GP6-002
Client Project ID: Kuhlman Electric
Lab Sample ID: 45483
Lab Project ID: G442-102
Matrix: Soil %SOLIDS: 90.9

Date Collected: 6/7/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/11/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	BQL
Aroclor-1260	110	BQL
Aroclor-1262	110	BQL

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

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: MSL-GP8-002
Client Project ID: Kuhlman Electric
Lab Sample ID: 45484
Lab Project ID: G442-102
Matrix: Soil %SOLIDS: 85.0

Date Collected: 6/7/02
Date Received: 6/8/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	BQL
Aroclor-1260	110	**380**
Aroclor-1262	110	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	76	76

*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:
Lab Sample ID: Blk 6/10/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 6/14/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	37	BQL
Aroclor-1221	37	BQL
Aroclor-1232	37	BQL
Aroclor-1242	37	BQL
Aroclor-1248	37	BQL
Aroclor-1254	37	BQL
Aroclor-1260	37	BQL
Aroclor-1262	37	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: Method Blank
Client Project ID:
Lab Sample ID: Blk 6/11/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 6/14/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/11/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	37	BQL
Aroclor-1221	37	BQL
Aroclor-1232	37	BQL
Aroclor-1242	37	BQL
Aroclor-1248	37	BQL
Aroclor-1254	37	BQL
Aroclor-1260	37	BQL
Aroclor-1262	37	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	60	60

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
Client Project ID:
Lab Sample ID: S-MS.MSD-5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

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:
Lab Sample ID: SLCS 5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	287	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# 28093
Page 1 of 1

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

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

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: RBI										Comments: Please specify any special reporting requirements
MSL-GP3-002	06JN02	1735	S	X				Y										3772
MSL-GP4-002	07JN02	0817	S	X				X										3775
MSL-GP5-002	07JN02	0836	S	X				X										3778
MSL-GP6-002	07JN02	0907	S	X				X										3781
MSL-GP8-002	07JN02	0943	S	X				X										3786

Comments: G442-102
Meet hold times – 14 day extraction / 40 day analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	6/7/02	1400	[signature]	6/8/02	1015	2.8C

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

June 26, 2002

Report Number: G442-104

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate-3816
Client Project ID: Kuhlman Electric
Lab Sample ID: 45653
Lab Project ID: G442-104
Matrix: Soil %SOLIDS: 86.0

Date Collected: 6/8/02
Date Received: 6/11/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 5
Date Extracted: 06/12/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	570	BQL
Aroclor-1221	570	BQL
Aroclor-1232	570	BQL
Aroclor-1242	570	BQL
Aroclor-1248	570	BQL
Aroclor-1254	570	BQL
Aroclor-1260	570	6900
Aroclor-1262	570	BQL

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

*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: Duplicate-3841
Client Project ID: Kuhlman Electric
Lab Sample ID: 45654
Lab Project ID: G442-104
Matrix: Soil %SOLIDS: 86.8

Date Collected: 6/9/02
Date Received: 6/11/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 2
Date Extracted: 06/12/02

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	**2200**
Aroclor-1262	210	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	86	86

*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:
Lab Sample ID: Blk6/12/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/12/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	38	BQL
Aroclor-1221	38	BQL
Aroclor-1232	38	BQL
Aroclor-1242	38	BQL
Aroclor-1248	38	BQL
Aroclor-1254	38	BQL
Aroclor-1260	38	BQL
Aroclor-1262	38	BQL

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

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	6/18/02
Client Project ID:		Analyzed By:	CLP
Lab Sample ID:	S-MS.MSD-5	Dilution:	1.0
Lab Project ID:			
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

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:
Lab Sample ID: SLCS 5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits Lower	Upper
Aroclor 1260	313	287	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# 2[illegible]94

Page 1 **of** 1

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

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-669-7929
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA	Analyses: PCBs	Comments: Please specify any special reporting requirements
						MOBILE LAB **
DUPLICATE	08JN02	—	S	X	X	MSL-GP15-001 3816
DUPLICATE	09JN02	—	S	X	X	MSL-GP24-001 3841
						G442-104
						Method 8082 Aroclors - 14 days extraction 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Kyle Lord	6/10/02	1400	Lindy Walker	6/11/02	9:45	1.8C

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

June 26, 2002

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

Report Number: G442-105

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: MSL-GP15-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 45655
Lab Project ID: G442-105
Matrix: Soil %SOLIDS: 87.2

Date Collected: 6/8/02
Date Received: 6/11/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 2
Date Extracted: 06/12/02

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	**3400**
Aroclor-1262	220	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	70	70

*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: MSL-GP19-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 45656
Lab Project ID: G442-105
Matrix: Soil %SOLIDS: 91.1

Date Collected: 6/8/02
Date Received: 6/11/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 50
Date Extracted: 06/12/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	5300	BQL
Aroclor-1221	5300	BQL
Aroclor-1232	5300	BQL
Aroclor-1242	5300	BQL
Aroclor-1248	5300	BQL
Aroclor-1254	5300	BQL
Aroclor-1260	5300	**74000**
Aroclor-1262	5300	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: MSL-GP24-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 45658
Lab Project ID: G442-105
Matrix: Soil %SOLIDS: 89.2

Date Collected: 6/9/02
Date Received: 6/11/02
Date Analyzed: 6/20/02
Analyzed By: CLP
Dilution: 2
Date Extracted: 06/12/02

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	**1500**
Aroclor-1262	200	BQL

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

*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: MSL-GP21-002
Client Project ID: Kuhlman Electric
Lab Sample ID: 45657
Lab Project ID: G442-105
Matrix: Soil %SOLIDS: 87.8

Date Collected: 6/8/02
Date Received: 6/11/02
Date Analyzed: 6/20/02
Analyzed By: CLP
Dilution: 2
Date Extracted: 06/12/02

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	**1900**
Aroclor-1262	220	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	44	44

*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: MSL-GP29-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 45659
Lab Project ID: G442-105
Matrix: Soil %SOLIDS: 86.3

Date Collected: 6/9/02
Date Received: 6/11/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 20
Date Extracted: 06/12/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	2100	BQL
Aroclor-1221	2100	BQL
Aroclor-1232	2100	BQL
Aroclor-1242	2100	BQL
Aroclor-1248	2100	BQL
Aroclor-1254	2100	BQL
Aroclor-1260	2100	**37000**
Aroclor-1262	2100	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: MSL-GP30-002
Client Project ID: Kuhlman Electric
Lab Sample ID: 45660
Lab Project ID: G442-105
Matrix: Soil %SOLIDS: 83.0

Date Collected: 6/9/02
Date Received: 6/11/02
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 10
Date Extracted: 06/12/02

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	21000
Aroclor-1262	1200	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: Method Blank
Client Project ID:
Lab Sample ID: Blk6/12/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/12/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	38	BQL
Aroclor-1221	38	BQL
Aroclor-1232	38	BQL
Aroclor-1242	38	BQL
Aroclor-1248	38	BQL
Aroclor-1254	38	BQL
Aroclor-1260	38	BQL
Aroclor-1262	38	BQL

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

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: S-MS.MSD-5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

Reviewed By:

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

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 5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits Lower	Upper
Aroclor 1260	313	287	219	406

Reviewed By:

PARADIGM A[illegible]LYTICAL LABORATORIES, INC.
2627 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 2[illegible]95
Page 1 of 1

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

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-669-8929
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: PCBs										Comments: Please specify any special reporting requirements — MOBIL LAB #
MSL-GP15-001	08JN02	0846	S	X				X										3807
MSL-GP19-001	08JN02	1232	S	X				X										3820
MSL-GP21-002	08JN02	1342	S	X				X										3827
MSL-GP24-001	09JN02	0905	S	X				X										3835
MSL-GP29-001	09JN02	1237	S	X				X										3850
MSL-GP30-002	09JN02	1340	S	X				X										3854

Meet hold times – 14 days extraction 40 days analysis

G442-105

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles Ford	6/10/02	1400	Lindsay Walker	6/11/02	9:45	1.8°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

July 3, 2002

Report Number: G442-106

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.

for Laboratory Director
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: MSL-GP31-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 46146
Lab Project ID: G442-106
Matrix: Soil %SOLIDS: 90.0

Date Collected: 6/11/02
Date Received: 6/15/02
Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/20/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

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

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: MSL-GP11-005
Client Project ID: Kuhlman Electric
Lab Sample ID: 46147
Lab Project ID: G442-106
Matrix: Soil %SOLIDS: 88.2

Date Collected: 6/13/02
Date Received: 6/15/02
Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 100
Date Extracted: 06/20/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	10000	BQL
Aroclor-1221	10000	BQL
Aroclor-1232	10000	BQL
Aroclor-1242	10000	BQL
Aroclor-1248	10000	BQL
Aroclor-1254	10000	BQL
Aroclor-1260	10000	**57000**
Aroclor-1262	10000	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: MSL-GP12-006
Client Project ID: Kuhlman Electric
Lab Sample ID: 46148
Lab Project ID: G442-106
Matrix: Soil %SOLIDS: 89.2

Date Collected: 6/13/02
Date Received: 6/15/02
Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 100
Date Extracted: 06/20/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	11000	BQL
Aroclor-1221	11000	BQL
Aroclor-1232	11000	BQL
Aroclor-1242	11000	BQL
Aroclor-1248	11000	BQL
Aroclor-1254	11000	BQL
Aroclor-1260	11000	**74000**
Aroclor-1262	11000	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: Method Blank
Client Project ID:
Lab Sample ID: Blk 6/20/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/20/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	38	BQL
Aroclor-1221	38	BQL
Aroclor-1232	38	BQL
Aroclor-1242	38	BQL
Aroclor-1248	38	BQL
Aroclor-1254	38	BQL
Aroclor-1260	38	BQL
Aroclor-1262	38	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	66	66

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs

by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	6/18/02
Client Project ID:		Analyzed By:	CLP
Lab Sample ID:	S-MS.MSD-5	Dilution:	1.0
Lab Project ID:			
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

Comments:

BQL = Below Quantitation Limit

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.
Aroclors in Laboratory Control Spike (LCS)
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: SLCS 5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	287	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#

Page 1 of 1

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

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone: 828-669-3425
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: PCBs										Comments: Please specify any special reporting requirements — MOBIL LAB #
ISL-GP31-001	11JN02	1550	S	X				X										3859
ISL-GP11-005	13JN02	1209	S	X				X										3863
ISL-GP12-006	13JN02	1434	S	X				X										3871
																		G442-1061

Meet hold times 14 days extraction 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	6/13/02	1400	[signature]	6/15/02	1030	6.0°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

July 3, 2002

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

Report Number: G442-107

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate-3860
Client Project ID: Kuhlman Electric
Lab Sample ID: 46149
Lab Project ID: G442-107
Matrix: Soil %SOLIDS: 87.6

Date Collected: 6/11/02
Date Received: 6/15/02
Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/20/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	69	69

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate-3868
Client Project ID: Kuhlman Electric
Lab Sample ID: 46150
Lab Project ID: G442-107
Matrix: Soil %SOLIDS: 82.2

Date Collected: 6/13/02
Date Received: 6/15/02
Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 100
Date Extracted: 06/20/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	11000	BQL
Aroclor-1221	11000	BQL
Aroclor-1232	11000	BQL
Aroclor-1242	11000	BQL
Aroclor-1248	11000	BQL
Aroclor-1254	11000	BQL
Aroclor-1260	11000	**61000**
Aroclor-1262	11000	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: Method Blank
Client Project ID:
Lab Sample ID: Blk 6/20/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/20/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	38	BQL
Aroclor-1221	38	BQL
Aroclor-1232	38	BQL
Aroclor-1242	38	BQL
Aroclor-1248	38	BQL
Aroclor-1254	38	BQL
Aroclor-1260	38	BQL
Aroclor-1262	38	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	66	66

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: SLCS 5
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/18/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	287	219	406

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs

by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	6/18/02
Client Project ID:		Analyzed By:	CLP
Lab Sample ID:	S-MS.MSD-5	Dilution:	1.0
Lab Project ID:			
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L

Reviewed By: _____

ARADIGM ANALYTICAL LABORATORIES, INC.
627 Northchase Parkway SE, Wilmington, NC 28405
hone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

Page 1 of 1

lient: MARTIN + CLAGLE
ddress:
ddress: BLACK MOUNTAIN NC
uote #:

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

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives				Analyses										Comments: Please specify any special reporting requirements
				VA				Abs										MOBIL LAB #
UPLICATE	11JN02	—	S	X				X										3860 MSL-GP31-005
DUPLICATE	13JN02	—	S	X				X										3868 MSL-GP-11-005
																		G442-107

Must hold times - 14 day extraction, 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	6/14/02	1400	[signature]	6/15/02	1030	6.0°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

July 11, 2002

Report Number: G442-108

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: MSL-GP10-005
Client Project ID: Kuhlman Electric
Lab Sample ID: 46795
Lab Project ID: G442-108
Matrix: Soil %SOLIDS: 85.5

Date Collected: 6/13/02
Date Received: 6/22/02
Date Analyzed: 7/3/02
Analyzed By: CLP
Dilution: 100
Date Extracted: 06/26/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	11000	BQL
Aroclor-1221	11000	BQL
Aroclor-1232	11000	BQL
Aroclor-1242	11000	BQL
Aroclor-1248	11000	BQL
Aroclor-1254	11000	BQL
Aroclor-1260	11000	**100000**
Aroclor-1262	11000	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: NJ

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: Blk 6/26/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 7/3/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 06/26/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	35	BQL
Aroclor-1221	35	BQL
Aroclor-1232	35	BQL
Aroclor-1242	35	BQL
Aroclor-1248	35	BQL
Aroclor-1254	35	BQL
Aroclor-1260	35	BQL
Aroclor-1262	35	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	112	112

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
Client Project ID:
Lab Sample ID: S-MS.MSD-6
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 100.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	676	N/A	N/A	N/A	N/A	N/A

Note : Matrix spike cannot be analyzed due to dilution

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 6
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	268	219	406

Reviewed By:

PARADIGM A[illegible]LYTICAL LABORATORIES, INC.
2627 Northchas[illegible]arkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Cu[illegible]tody Record & Analytical Request

COC# [illegible]

Page 1 **of** 1

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

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

Date: 21JN02
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date (19JN02 / WRITE OVER / 12JN02)	Time	Matrix	Preservatives: NA				Analyses: PCB										Comments: Please specify any special reporting requirements
MSL-GP10-005	~~19JN02~~	1307	S	X				X										MOBILE LAB #: 3866; DEPTH: 72-78"; G442-108

MEET HOLD TIMES: 14 DAYS EXTRACTION, 40 DAYS ANALYSIS

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles O. M. Paul	6/21/02	1400	[signature]	6/22/02	10:10	4.2°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

July 12, 2002

Report Number: G442-113

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: MSL-GP16-006
Client Project ID: Kuhlman Electric
Lab Sample ID: 47305
Lab Project ID: G442-113
Matrix: Soil %SOLIDS: 83.4

Date Collected: 6/22/02
Date Received: 6/28/02
Date Analyzed: 7/3/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 07/02/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	BQL
Aroclor-1260	110	**170**
Aroclor-1262	110	BQL

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

*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: MSL-GP19-006
Client Project ID: Kuhlman Electric
Lab Sample ID: 47306
Lab Project ID: G442-113
Matrix: Soil %SOLIDS: 90.8

Date Collected: 6/22/02
Date Received: 6/28/02
Date Analyzed: 7/6/02
Analyzed By: CLP
Dilution: 10
Date Extracted: 07/02/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	1100	BQL
Aroclor-1221	1100	BQL
Aroclor-1232	1100	BQL
Aroclor-1242	1100	BQL
Aroclor-1248	1100	BQL
Aroclor-1254	1100	BQL
Aroclor-1260	1100	21000
Aroclor-1262	1100	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: Method Blank
Client Project ID:
Lab Sample ID: Blk 7/2/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 7/3/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 07/02/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	124	124

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	6/26/02
Client Project ID:		Analyzed By:	CLP
Lab Sample ID:	S-MS.MSD-6	Dilution:	100.0
Lab Project ID:			
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	676	N/A	N/A	N/A	N/A	N/A

Note : Matrix spike cannot be analyzed due to dilution

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 6
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits Lower	Limits Upper
Aroclor 1260	313	268	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# 2[illegible]87

Page 1 of ____

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

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone:
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: IM				Analyses: PCBs										Comments: Please specify any special reporting requirements
																		MOBIL LAB #
KSL-GP16-006	22JN02	1025	S	X				X										3985
KSL-GP19-006	22JN02	1355	S	X				X										3992
																		G442-113

Must hold times — 14 days extraction, 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles Reed	6/27/02	1645	Lindy Weller	6/28/02	10:05	3.8°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

July 12, 2002

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

Report Number: G442-114

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate-3886
Client Project ID: Kuhlman Electric
Lab Sample ID: 47307
Lab Project ID: G442-114
Matrix: Soil %SOLIDS: 83.8

Date Collected: 6/22/02
Date Received: 6/28/02
Date Analyzed: 7/3/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 07/02/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	BQL
Aroclor-1260	110	260
Aroclor-1262	110	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	117	117

*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: Method Blank
Client Project ID:
Lab Sample ID: Blk 7/2/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 7/3/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 07/02/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	124	124

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	6/26/02
Client Project ID:		Analyzed By:	CLP
Lab Sample ID:	S-MS.MSD-6	Dilution:	100.0
Lab Project ID:			
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	676	N/A	N/A	N/A	N/A	N/A

Note : Matrix spike cannot be analyzed due to dilution

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 6
Lab Project ID:
Matrix: Soil

Date Analyzed: 6/26/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	288	219	406

Reviewed By: _____

ARADIGM LYTICAL LABORATORIES, INC.
527 Northchase Parkway SE, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 2 6

Page 1 of

Client: MARTIN SLATE Project ID: KUFFMAN ELECTRIC Date: Report To: SAME

Address: Contact: ROBERT MARTIN Turnaround: STD

Address: BLACK MOUNTAIN NC Phone: Job Number:

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

Sample ID	Date	Time	Matrix	Preservatives				Analyses									Comments: Please specify any special reporting requirements
				NA				PCB									MSL Lab #
DUPLICATE	22JN02	—	S	X				X									MSL-GP16-0006 3981
DUPLICATE	23JN02	—	S	X				X									CNP-GP3-001 3902
UPLICATE	24JN02	—	S	X				X									CNP-GP3-001 3932
																	G442-114

Mail hard copies - 14 days extraction + 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Charles Ford	6/27/02	1445	Lindy Walker	6/28/02	10:05	3.8C	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

July 17, 2002

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

Report Number: G442-115

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Duplicate-3975
Client Project ID: Kuhlman Electric
Lab Sample ID: 47780
Lab Project ID: G442-115
Matrix: Soil
%SOLIDS: 94.8

Date Collected: 6/28/02
Date Received: 7/3/02
Date Analyzed: 7/15/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 07/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	98	BQL
Aroclor-1221	98	BQL
Aroclor-1232	98	BQL
Aroclor-1242	98	BQL
Aroclor-1248	98	BQL
Aroclor-1254	98	BQL
Aroclor-1260	98	BQL
Aroclor-1262	98	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	120	120

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: Method Blank
Client Project ID:
Lab Sample ID: Blk 7/10/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 7/15/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 07/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

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

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: S-MS.MSD-7
Lab Project ID:
Matrix: Soil

Date Analyzed: 7/15/02
Analyzed By: CLP
Dilution: 1.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	819	82%	847	85%	3.4

Reviewed By:

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

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 7
Lab Project ID:
Matrix: Soil

Date Analyzed: 7/15/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits	
			Lower	Upper
Aroclor 1260	313	358	219	406

Reviewed By:

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

Chain-of Custody Record & Analytical Request

COC# 28_89

Page 1 of 1

Client: MARTIN + SLAGLE
Address:
Address: BLACKMOUNTAIN NC
Quote #:

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone:
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives				Analyses: PCBs										Comments: Please specify any special reporting requirements
																		MOBILE LAB #
DUPLICATE	2PJN02	—	S	NA				X										3975 MSL-GP19-009
																		G442-115
																		Meet hold times (14 days extraction 40 days analysis)

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	7/2/02	1400	[signature]	7/3/02	1015	3.2°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

July 17, 2002

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

Report Number: G442-117

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
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: MSL-GP19-008
Client Project ID: Kuhlman Electric
Lab Sample ID: 47783
Lab Project ID: G442-117
Matrix: Soil %SOLIDS: 94.2

Date Collected: 6/28/02
Date Received: 7/3/02
Date Analyzed: 7/15/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 07/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	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:

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: Blk 7/10/02
Lab Project ID:
Matrix:

Date Collected:
Date Received:
Date Analyzed: 7/15/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 07/10/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	100	BQL
Aroclor-1221	100	BQL
Aroclor-1232	100	BQL
Aroclor-1242	100	BQL
Aroclor-1248	100	BQL
Aroclor-1254	100	BQL
Aroclor-1260	100	BQL
Aroclor-1262	100	BQL

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

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

Reviewed By:

PARADIGM ANALYTICAL LABORATORIES, INC.

MS/MSD Results for PCBs
by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	7/15/02
Client Project ID:		Analyzed By:	CLP
Lab Sample ID:	S-MS.MSD-7	Dilution:	1.0
Lab Project ID:			
Matrix:	Soil		

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	819	82%	847	85%	3.4

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 7
Lab Project ID:
Matrix: Soil

Date Analyzed: 7/15/02
Analyzed By: CLP
Dilution: 1.0

Compound	Spiked (ug/KG)	Result (ug/KG)	Limits Lower	Limits Upper
Aroclor 1260	313	358	219	406

Reviewed By:

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

Chain-of Custody Record & Analytical Request

COC# 28[...]90

Page 1 of 1

lient: MARTIN + SLAGLE
ddress:
ddress: BLACK MOUNTAIN NC
uote #:

Project ID: KUHLMAN ELECTRIC
Contact: ROBERT MARTIN
Phone:
Fax:

Date:
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME

Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives				Analyses: PCBs											Comments: Please specify any special reporting requirements
																			Mobile Lab #
KSL-GP19-00P	28JUN02	1022	S	NA				X											3973
																			G442-117
																			Must hold times 14 days extraction 40 days analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	7/2/02	1400	[signature]	7/3/02	1015	3.2°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

August 20, 2002

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

Report Number: G442-132

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.

for Laboratory Director
J. Patrick Weaver

PARADIGM ANALYTICAL LABORATORIES, INC.

Results for PCBs
by EPA 8082

Client Sample ID: MSL-GP11-005
Client Project ID: Kuhlman Electric
Lab Sample ID: 46147
Lab Project ID: G442-106
Matrix: Soil %SOLIDS: 88.2

Date Collected: 6/13/02
Date Received: 6/15/02
Date Analyzed: 8/9/02
Analyzed By: CLP
Dilution: 50
Date Extracted: 08/06/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	5300	BQL
Aroclor-1221	5300	BQL
Aroclor-1232	5300	BQL
Aroclor-1242	5300	BQL
Aroclor-1248	5300	BQL
Aroclor-1254	5300	BQL
Aroclor-1260	5300	98000
Aroclor-1262	5300	BQL

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

Notes:
Samples extracted out of hold.

*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: MSL-GP10-005
Client Project ID: Kuhlman Electric
Lab Sample ID: 46795
Lab Project ID: G442-108
Matrix: Soil %SOLIDS: 85.5

Date Collected: 6/13/02
Date Received: 6/22/02
Date Analyzed: 8/9/02
Analyzed By: CLP
Dilution: 100
Date Extracted: 08/06/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	11000	BQL
Aroclor-1221	11000	BQL
Aroclor-1232	11000	BQL
Aroclor-1242	11000	BQL
Aroclor-1248	11000	BQL
Aroclor-1254	11000	BQL
Aroclor-1260	11000	**190000**
Aroclor-1262	11000	BQL

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

Notes:
Samples extracted out of hold.

*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: Duplicate-3868
Client Project ID: Kuhlman Electric
Lab Sample ID: 46150
Lab Project ID: G442-107
Matrix: Soil %SOLIDS: 82.2

Date Collected: 6/13/02
Date Received: 6/15/02
Date Analyzed: 8/9/02
Analyzed By: CLP
Dilution: 100
Date Extracted: 08/06/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	12000	BQL
Aroclor-1221	12000	BQL
Aroclor-1232	12000	BQL
Aroclor-1242	12000	BQL
Aroclor-1248	12000	BQL
Aroclor-1254	12000	BQL
Aroclor-1260	12000	**120000**
Aroclor-1262	12000	BQL

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

Notes:
Samples extracted out of hold.

*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: MSL-GP12-006
Client Project ID: Kuhlman Electric
Lab Sample ID: 46148
Lab Project ID: G442-106
Matrix: Soil

%SOLIDS: 89.2

Date Collected: 6/13/02
Date Received: 6/15/02
Date Analyzed: 8/9/02
Analyzed By: CLP
Dilution: 100
Date Extracted: 08/06/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	9700	BQL
Aroclor-1221	9700	BQL
Aroclor-1232	9700	BQL
Aroclor-1242	9700	BQL
Aroclor-1248	9700	BQL
Aroclor-1254	9700	BQL
Aroclor-1260	9700	**110000**
Aroclor-1262	9700	BQL

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

Notes:
Samples extracted out of hold.

*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: MSL-GP16-006
Client Project ID: Kuhlman Electric
Lab Sample ID: 47305
Lab Project ID: G442-113
Matrix: Soil

%SOLIDS: 83.4

Date Collected: 6/22/02
Date Received: 6/28/02
Date Analyzed: 8/9/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 08/06/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	120	BQL
Aroclor-1221	120	BQL
Aroclor-1232	120	BQL
Aroclor-1242	120	BQL
Aroclor-1248	120	BQL
Aroclor-1254	120	**240**
Aroclor-1260	120	BQL
Aroclor-1262		

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	66	66

Notes:
Samples extracted out of hold.

*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: Duplicate-3886
Client Project ID: Kuhlman Electric
Lab Sample ID: 47307
Lab Project ID: G442-114
Matrix: Soil

%SOLIDS: 83.8

Date Collected: 6/22/02
Date Received: 6/28/02
Date Analyzed: 8/9/02
Analyzed By: CLP
Dilution: 1
Date Extracted: 08/06/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	230
Aroclor-1260	110	BQL
Aroclor-1262		

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

Notes:
Samples extracted out of hold.

*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:

Northchase [illegible] ay SB, Wilmington, NC 28405 — Chain-of Cust[illegible] Record & Analytical Request — COC# 2[illegible]2

:: (910)-350-1903 FAX: (910)-350-1557 — Page 1 of 2

:: MARTIN-SLAGLE — Project ID: HUMAN ELECTRIC — Date: 8/02/02 — Report To: KIM REID

ss: _____ — Contact: KIM REID — Turnaround: 510 — ROGER MARTIN

ss: _____ — Phone: 617-895-5577 — Job Number: _____

#: _____ — Fax: 617-895-5501 — P.O. Number: _____ — Invoice To: _____

ample ID	Date	Time	Matrix	# Containers				Preservatives				Analyses							Remarks / Lab Number
																			G442-132
CSP-GP22-002	8/2/02		S	44595				X											Mobil # 3608 – analysis
uplicate			S	44584				X											CSP-GP22-002 3610
CSP P-GP29-001			S	44954				X											" " 3684
Duplicate			S	44960				X											LPP-GP16-002 " " 3687
MSL MSL-GP11-005			S	46147				X											" " 3863
MSL-GP10-005			S	46795				X											" " 3866
Duplicate			S	46150				X											MSL-GP11-005 " " 3868
MSL-GP12-006			S	46148				X											" " 3871
MSL-GP16-006			S	47305				X											" " 3885
Duplicate			S	47307				X											MSL GP16-006 " " 3886

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
							NC ____ SC ____ Other ____
							SEE REVERSE FOR

...TICAL LABORATORIES, INC.
Northchase ...way SE, Wilmington, NC 28405
...: (910)-350-1903 FAX: (910)-350-1557

Chain-of Cus...y Record & Analytical Request

COC# 2...2

Page 2 of 2

...: MARTIN-SLAGLE Project ID: KUHLMAN ELECTRIC Date: 8/2/02 Report To: KIM REID
...ess: Contact: KIM REID Turnaround: STD ROBERT MARTIN
...ess: Phone: 617-895-5547 Job Number:
...#: Fax: 617-895-5101 P.O. Number: Invoice To: ROBERT MARTIN

				PCB												G442-132
CNP-6...	8/2/02		S	X	4 1207											Mobil # 4100 - ...analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
							NC____ SC____ Other____
							SEE REVERSE FOR