July 16, 2007

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

Dear Mr. Martin,

Enclosed is the Technical Memorandum for work completed at the Kuhlman Electric Corporation (KEC) facility in Crystal Springs, Mississippi during the month of February. If you have any questions concerning this information, please give me a call.

Sincerely,

Kari Ann Killian

for Richard Johnson

Enclosure

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

Technical Memorandum

Kuhlman Electric Corporation (KEC)

Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

July 16, 2007

To: Robert Martin
Martin Slagle Inc.

From: Richard Johnson RJ for
ECCS, Inc.

Re: Field Analytical Methods – QC Summary
Kuhlman Electric Corporation (KEC) Facility
Crystal Springs, Mississippi

INTRODUCTION

This Technical Memorandum provides documentation of the field analytical test methods used to analyze soil and water samples collected from RLP Property area during February 2007 during an accelerated site investigation episode around the Kuhlman Electric Corporation (KEC) facility in Crystal Springs, Mississippi. Soil and water 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 soils and Table 2 for waters. A summary of method blanks, laboratory control samples and matrix spike/matrix spike duplicate data is provided in Table 3 for the soils and Table 4 for the waters.

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

A) Chain of custody sheets for mobile lab PCB analysis for Excavation samples
B) FEDEX shipping label for Paradigm Labs
C) Chain of custody sheets for samples sent to Paradigm Labs

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 ranges with the exception of one sample (AA162). Method states that 1 of the 2 required surrogates must be within range.

2. All LCS recoveries were within acceptable ranges. See Table 3 and 4.

3. All MS/MSD recoveries were within acceptable ranges. Percent repeatability was also within acceptable ranges. See Table 3 and 4.

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

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 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 150 and February 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.

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.

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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).

Table 1

Soil Sample Results – February

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

					Field Laboratory				
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Surrogate TCMX(%)	Surrogate DCBP(%)	Rinsed
AA116	RLP-EFS-001-001	-	19-Feb-07	13:34	19-Feb-07	< 0.10	94.5	90.5	
AA117	RLP-EFS-002-001	-	19-Feb-07	13:41	19-Feb-07	< 0.10	91.1	83.2	
AA118	RLP-EFS-003-001	-	19-Feb-07	13:43	19-Feb-07	< 0.10	92.8	92.1	
AA119	RLP-EFS-004-001	-	19-Feb-07	13:44	19-Feb-07	< 0.10	90.8	87.0	
AA120	RLP-EFS-005-001	-	19-Feb-07	13:46	19-Feb-07	< 0.10	105	94.0	
AA121	RLP-EFS-006-001	-	19-Feb-07	13:48	19-Feb-07	< 0.10	105	97.1	
AA122	RLP-Duplicate	-	19-Feb-07	-	19-Feb-07	< 0.10	91.6	90.9	
AA123	RLP-ESS-001	-	19-Feb-07	13:50	19-Feb-07	< 0.10	102	99.8	
AA124	RLP-ESS-002	-	19-Feb-07	13:52	19-Feb-07	**0.20**	90.7	82.3	
AA125	RLP-ESS-003	-	19-Feb-07	13:53	19-Feb-07	**0.37**	104	94.9	
AA126	RLP-ESS-004	-	19-Feb-07	13:54	19-Feb-07	< 0.10	91.2	89.0	
AA127	RLP-ESS-005	-	19-Feb-07	13:55	19-Feb-07	< 0.10	111	104	
AA128	RLP-ESS-006	-	19-Feb-07	13:57	19-Feb-07	**0.72**	101	92.3	
AA129	RLP-EFS-007-001	-	21-Feb-07	13:00	21-Feb-07	< 0.10	99.1	91.1	
AA130	RLP-EFS-008-001	-	21-Feb-07	13:02	21-Feb-07	< 0.10	90.2	74.9	
AA131	RLP-Duplicate	-	21-Feb-07	-	21-Feb-07	< 0.10	90.5	81.2	
AA132	RLP-EFS-009-001	-	21-Feb-07	13:47	21-Feb-07	< 0.10	96.2	84.8	
AA133	RLP-ESS-007	-	21-Feb-07	13:49	21-Feb-07	< 0.10	105	107	
AA134	RLP-ESS-008	-	21-Feb-07	13:51	21-Feb-07	< 0.10	105	101	
AA135	RLP-ESS-009	-	21-Feb-07	13:55	21-Feb-07	< 0.10	105	99.2	
AA136	RLP-ESS-010	-	21-Feb-07	13:59	21-Feb-07	< 0.10	97.0	91.5	
AA137	RLP-EFS-010-001	-	21-Feb-07	14:20	21-Feb-07	< 0.10	105	102	
AA138	RLP-EFS-011-001	-	21-Feb-07	14:23	21-Feb-07	< 0.10	90.5	82.4	
AA139	RLP-EFS-012-001	-	21-Feb-07	14:25	21-Feb-07	< 0.10	86.4	89.2	
AA140	RLP-EFS-013-001	-	21-Feb-07	14:26	21-Feb-07	< 0.10	90.2	86.2	
AA141	RLP-EFS-014-001	-	21-Feb-07	14:28	21-Feb-07	< 0.10	86.4	81.0	
AA142	RLP-ESS-011	-	21-Feb-07	14:30	21-Feb-07	< 0.10	104	98.8	
AA143	RLP-ESS-012	-	21-Feb-07	14:32	21-Feb-07	< 0.10	104	99.3	
AA144	RLP-EFS-015-001	-	22-Feb-07	11:50	22-Feb-07	**0.12**	108	99.3	
AA145	RLP-EFS-016-001	-	22-Feb-07	11:52	22-Feb-07	< 0.10	90.5	101	
AA146	RLP-EFS-017-001	-	22-Feb-07	11:53	22-Feb-07	< 0.10	103	97.0	
AA147	RLP-EFS-018-001	-	22-Feb-07	11:55	22-Feb-07	< 0.10	93.7	90.3	
AA148	RLP-EFS-019-001	-	22-Feb-07	11:56	22-Feb-07	**0.17**	110	102	
AA149	RLP-EFS-020-001	-	22-Feb-07	11:57	22-Feb-07	< 0.10	90.3	86.5	
AA150	RLP-ESS-013	-	22-Feb-07	11:59	22-Feb-07	< 0.10	92.8	96.6	
AA151	RLP-ESS-014	-	22-Feb-07	12:00	22-Feb-07	< 0.10	91.0	87.3	
AA152	RLP-ESS-015	-	22-Feb-07	12:02	22-Feb-07	**0.61**	105	98.7	
AA153	RLP-ESS-016	-	22-Feb-07	12:04	22-Feb-07	< 0.10	94.8	76.9	

NOTES:
A = Acid Treated.
rrogate recovery criteria 60-140% unless sample is acid treated.
Surrogate recovery criteria 75-175% if sample is acid treated.

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

					Field Laboratory				
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (mg/kg)	Surrogate TCMX(%)	Surrogate DCBP(%)	Rinsed
AA154	RLP-ESS-017	-	22-Feb-07	12:07	22-Feb-07	< 0.10	91.4	87.8	
AA155	RLP-Duplicate	-	22-Feb-07	-	22-Feb-07	< 0.10	91.8	85.9	
AA156	RLP-EFS-021-001	-	22-Feb-07	14:10	22-Feb-07	< 0.10	107	104	
AA157	RLP-EFS-022-001	-	22-Feb-07	14:12	22-Feb-07	**0.13**	91.8	87.4	
AA158	RLP-EFS-023-001	-	22-Feb-07	14:13	22-Feb-07	< 0.10	92.1	92.3	
AA159	RLP-EFS-024-001	-	22-Feb-07	14:16	22-Feb-07	< 0.10	91.7	89.5	
AA160	RLP-ESS-018	-	22-Feb-07	14:18	22-Feb-07	**0.24**	91.8	91.2	
AA161	RLP-ESS-019	-	22-Feb-07	14:19	22-Feb-07	< 0.10	90.2	87.7	
AA162	RLP-ESS-020	-	22-Feb-07	14:21	22-Feb-07	< 0.10	217	101	
AA163	RLP-ESS-021	-	22-Feb-07	14:23	22-Feb-07	< 0.10	91.1	88.3	
AA164	RLP-EFS-025-001	-	22-Feb-07	15:05	22-Feb-07	< 0.10	103	102	
AA165	RLP-EFS-026-001	-	22-Feb-07	15:07	22-Feb-07	**0.32**	90.2	97.3	
AA166	RLP-ESS-022	-	22-Feb-07	15:10	22-Feb-07	< 0.10	101	99.1	
AA167	RLP-ESS-023	-	22-Feb-07	15:14	22-Feb-07	< 0.10	86.6	91.0	
AA168	RLP-EFS-027-001	-	22-Feb-07	17:49	22-Feb-07	< 0.10	94.8	96.0	
AA169	RLP-EFS-028-001	-	22-Feb-07	17:50	22-Feb-07	< 0.10	88.5	91.0	
AA170	RLP-EFS-029-001	-	22-Feb-07	17:52	22-Feb-07	< 0.10	93.0	100	
AA171	RLP-EFS-030-001	-	22-Feb-07	17:53	22-Feb-07	< 0.10	95.9	88.7	
AA172	RLP-EFS-031-001	-	22-Feb-07	17:54	22-Feb-07	< 0.10	102	100	
AA173	RLP-EFS-032-001	-	22-Feb-07	17:56	22-Feb-07	< 0.10	90.0	83.8	
AA174	RLP-EFS-033-001	-	22-Feb-07	17:57	22-Feb-07	< 0.10	101	102	
AA175	RLP-ESS-024	-	22-Feb-07	17:59	22-Feb-07	**0.29**	83.9	86.7	
AA176	RLP-ESS-025	-	22-Feb-07	18:00	22-Feb-07	**0.31**	102	99.4	
AA177	RLP-ESS-026	-	22-Feb-07	18:01	22-Feb-07	**0.11**	86.6	92.5	
AA178	RLP-ESS-027	-	22-Feb-07	18:02	22-Feb-07	< 0.10	101	100	
AA179	RLP-ESS-028	-	22-Feb-07	18:04	22-Feb-07	< 0.10	89.5	85.8	
AA180	RLP-ESS-029	-	22-Feb-07	18:05	22-Feb-07	**0.19**	101	98.2	
AA181	RLP-ESS-030	-	22-Feb-07	18:07	22-Feb-07	< 0.10	85.5	89.2	
AA182	RLP-ESS-031	-	22-Feb-07	18:08	22-Feb-07	< 0.10	97.5	96.8	
AA183	RLP-ESS-032	-	22-Feb-07	18:10	22-Feb-07	**0.30**	83.2	88.0	
AA184	RLP-EFS-034-001	-	22-Feb-07	18:25	22-Feb-07	< 0.10	102	101	
AA185	RLP-EFS-035-001	-	22-Feb-07	18:27	22-Feb-07	< 0.10	90.1	85.5	
AA186	RLP-EFS-036-001	-	22-Feb-07	18:28	22-Feb-07	< 0.10	101	100	
AA187	RLP-EFS-037-001	-	22-Feb-07	18:29	22-Feb-07	< 0.10	91.6	88.0	
AA188	RLP-EFS-038-001	-	22-Feb-07	18:30	22-Feb-07	< 0.10	101	101	
AA189	RLP-ESS-033	-	22-Feb-07	18:33	22-Feb-07	**0.16**	86.1	82.5	
AA190	RLP-ESS-034	-	22-Feb-07	18:34	22-Feb-07	< 0.10	99.6	98.1	

NOTES:
A = Acid Treated.
rrogate recovery criteria 60-140% unless sample is acid treated.
Surrogate recovery criteria 75-175% if sample is acid treated.

Table 2

Water Sample Results – February

Table 2
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Aroclor 1260 Detected

					Field Laboratory			
Field Lab Sample ID	Sample ID	Sample Depth	Date Collected	Time Collected	Date Analyzed	Concentration (ug/L)	Surrogate TCMX(%)	Surrogate DCBP(%)
W1820	RLP-FB-003	-	19-Feb-07	13:00	20-Feb-07	< 0.25	104	86.1

Table 3

Soil QC Samples - February

Table 3
QC Results

Lab # associated with qc samples: AA116 through AA128

	Matrix Spike AA125	Matrix Spike Duplicate AA125	Blank 1132	LCS 1132
Date Analyzed:	2/19/07	2/19/07	2/19/07	2/19/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	104		89.1		15%	< 0.10	101

Table 3
QC Results

Lab # associated with qc samples: AA129 through AA143

	Matrix Spike AA143	Matrix Spike Duplicate AA143	Blank 1135	LCS 1135
Date Analyzed:	2/21/07	2/21/07	2/21/07	2/21/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	96.8		93.4		4%	< 0.10	108

Table 3
QC Results

Lab # associated with qc samples: AA144 through AA163

	Matrix Spike AA151	Matrix Spike Duplicate AA151	Blank 1137	LCS 1137
Date Analyzed:	2/22/07	2/22/07	2/22/07	2/22/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	87.2		88.4		-1%	< 0.10	88.0

Table 3
QC Results

Lab # associated with qc samples: AA164 through AA183

	Matrix Spike AA166	Matrix Spike Duplicate AA166	Blank 1138	LCS 1138
Date Analyzed:	2/22/07	2/22/07	2/22/07	2/22/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	116		115		1%	< 0.10	108

Table 3
QC Results

Lab # associated with qc samples: AA184 through AA190

	Matrix Spike E2320	Matrix Spike Duplicate E2320	Blank 1136	LCS 1136
Date Analyzed:	2/22/07	2/22/07	2/22/07	2/22/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	113		110		3%	< 0.10	101

Table 4

Water QC Samples - February

Table 4
QC Results

Lab # associated with qc samples: W1820

	Matrix Spike W1821		Matrix Spike Duplicate W1821			Blank	LCS
Date Analyzed:	2/20/07		2/20/07			2/20/07	2/20/07
Compound	% Rec		% Rec		% RPD	ug/L	% Rec
PCB as 1260	112		118		-5%	< 0.25	99.3

Appendix A

Chain of Custody Sheets for mobile lab PCB analysis Samples

RLP

Environmental Chemistry Consulting Services, Inc.

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

CHAIN OF CUSTODY

2/19/07

No. 014314 *

Page 1 of 2

BASM

Project Number	
Project Name: KUHLMAN AUCTION	
Project Location: CRYSTAL SPRINGS, MS	
Sampled By (Print): CHUCK POOL	

Mail Report To:	
Company: MARTIN & SCALES	
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
RLP-EFS-001-001	2/19/06	1334	S	1	N/A	PCB's		AA116
002-001		1341						AA117
003-001		1343						AA118
004-001		1344						AA119
005-001		1346						AA120
006-001		1348						AA121
RLP-DUPLICATE		—						AA122
RLP-ESS-001		1350						AA123
002		1352						AA124
003		1353						AA125
004		1354						AA126
005		1351						AA127

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: Charles Pool	Date/Time: 2/19/07 1410	Received By:	Date/Time: 2/19/07
	Relinquished By	Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent Intact/Not Intact Seal #'s			Receipt Temp:	
Shipped Via			Temp Blank Y N	

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

RLP

Environmental Chemistry Consulting Services, Inc.

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

CHAIN OF CUSTODY

2/19/07

No. 014315 *

Page 2 of 2

BRANT

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
RLP-ESS-006	2/14/07	1357	S	1	N/A	PCB's		AA128

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

Relinquished By: Chuck Pool	Date/Time: 2/15/07 1400	Received By:	Date/Time: 1400 2/19/07
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

RLP

Environmental Chemistry Consulting Services, Inc.

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

CHAIN OF CUSTODY

2/21/07

No. 014320 *

Page 1 of 2

BLANK

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SCHMIDT	Report Due:
Project Location: CRYSTAL SPRINGS, MI	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
RLP-EFS-007-001	02/21/07	1300	S	1	N/A	PCB's		AA129
RLP-EFS-008-001	↓	1302	S	1	N/A	PCB's		AA130
RLP DUPLICATE	↓	—	S	1	N/A	PCB's		AA131
RLP-EFS-009-001		1347						AA132
RLP-ESS-007		1349						AA133
RLP-ESS-008		1351						AA134
RLP-ESS-009		1355						AA135
RLP-ESS-010		1359						AA136
RLP-EFS-010-001		1420						AA137
RLP-EFS-011-001		1423						AA138
RLP-EFS-012-001		1425						AA139
RLP-EFS-013-001	↓	1426	↓	↓	↓	↓		AA140

*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: 2/21/07 1445	Received By:	Date/Time: 2/21/07
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

RLP

Environmental Chemistry Consulting Services, Inc.

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

CHAIN OF CUSTODY

2/21/07

No. 014321 *

Page 2 of 2

BRANT

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

Project Number:
Project Name: KUKKUAN ELECTRIC
Project Location: CRYSTAL SPRINGS, MS
Sampled By (Print): CHUCK POEL
Mail Report To:
Company: MARTIN B SEAGO
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
RLP-EFS-014-001	2/21/07	1428	S	1	N/A	PCB's		AA141
RLP-ESS-011	"	1430	"	"	"	"		AA142
RLP-ESS-012	"	1432	"	"	"	"		AA143

*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:
[signature] Chuck Poel	2/21/07 1445	[signature]	2/21/07 1445
Relinquished By:	Date/Time:	Received By:	Date/Time:

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

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CHAIN OF COUSTODY

No. 014326 *

Page 1 of 4

BRN

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
RLP-EFS-015-001	2/22/03	1150	S	1	N/A	PCB's		AA144
016-001	↓	1152	↓	↓	↓	↓		AA145
017-001	↓	1153	↓	↓	↓	↓		AA146
018-001	↓	1155	↓	↓	↓	↓		AA147
019-001	↓	1156	↓	↓	↓	↓		AA148
020-001	↓	1157	↓	↓	↓	↓		AA149
ESS-013	↓	1159	↓	↓	↓	↓		AA150
014	↓	1200	↓	↓	↓	↓		AA151
015	↓	1202	↓	↓	↓	↓		AA152
016	↓	1204	↓	↓	↓	↓		AA153
017	↓	1207	↓	↓	↓	↓		AA154
DUPLICATE	↓	—	↓	↓	↓	↓		AA155

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: Charles Peel	Date/Time: 2/22/03 ~~2030~~ 1830	Received By: [signature]	Date/Time: 1830 2/22/03
	Relinquished By:	Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent	Intact/Not Intact	Seal #'s	Receipt Temp:	
Shipped Via:			Temp Blank Y N	

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CHAIN OF CUSTODY

No. 014328 *

Page 2 of 4

BRANT

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

Invoice To:
Company:
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
RLP-EFS-028-001	2/22/07	1410	S	1	N/A	PCB's		AA156
022-001		1412	S					AA157
023-001		1413						AA158
024-001		1416						AA159
ESS-018		1418						AA160
019		1429						AA161
020		1428						AA162
021		1423						AA163
EFS-025-001		1505						AA164
026-001		1507						AA165
ESS-022		1510						AA166
-023		1514						AA167

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

Relinquished By: Charles Pool	Date/Time: 2/22/07 1830	Received By:	Date/Time: 1830 2/22/07
Relinquished By	Date/Time:	Received By:	Date/Time:

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

Receipt Temp:
Temp Blank Y N

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CHAIN OF CUSTODY

2/22/07

No. 714329

Page 3 of 4

BRENT

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
RLP-EFS-027-001	2/22/07	1749	S	1	N/A	PCB's		AA169
028-001		1750						AA169
029-001		1752						AA170
030-001		1753						AA171
031-001		1754						AA172
032-001		1756						AA173
033-001		1757						AA174
ESS-024		1759						AA175
025		1800						AA176
026		1801						AA177
027		1802						AA178
028		1804						AA179

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: Chuck Pool	Date/Time: 2/22/07 1830	Received By:	Date/Time: 1830 2/22/07
	Relinquished By:	Date/Time:	Received By:	Date/Time:
Custody Seal: Present/Absent Intact/Not Intact Seal #'s			Receipt Temp:	
Shipped Via:			Temp Blank Y N	

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RLP

CHAIN OF CUSTODY

2/22/07

No. 014330 *

Page 4 of 4

BRON

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
RLP-ESS-029	2/22/07	1805	S	1	N/A	PCB's		AA180
030	↓	1807	↓	↓	↓	↓		AA181
031	↓	1808	↓	↓	↓	↓		AA182
032	↓	1810	↓	↓	↓	↓		AA183
EFS-034 001	↓	1825	↓	↓	↓	↓		AA184
-035-001	↓	1827	↓	↓	↓	↓		AA185
-036-001	↓	1828	↓	↓	↓	↓		AA186
-037-001	↓	1829	↓	↓	↓	↓		AA187
-038-001	↓	1830	↓	↓	↓	↓		AA188
ESS-033	↓	1833	↓	↓	↓	↓		AA189
-034	↓	1834	↓	↓	↓	↓		AA190
X								

*Preservation Code	Relinquished By: Chuck Pool	Date/Time: 2/22/07 1840	Received By: [signature]	Date/Time: 2/22/07 1840
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:

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

Shipped Via:

Receipt Temp:

Temp Blank Y N

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2/19/07

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2525 Advance Road Madison, WI 53718
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CHAIN OF CUSTODY

MISC - BASM

No. 014309 *

Page 1 of 1

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC	Company: MARTIN + SLAGLE	Report Due:
Project Location: CRYSTAL SPRINGS	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
MSL-RS-106	2/19/07	1240	W	1	N/A	PCB's	RINSATE 1	W1818
MSL-RS-107	↓	1241	↓	↓	↓	↓	RINSATE 2	W1819
RLP-FB-003	↓	1300	↓	↓	↓	↓		W1820

*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: 2/19/07 1310	Received By:	Date/Time: 1310 2/19/07
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

Appendix B

FEDEX shipping label for Paradigm Labs

FedEx Express **US Airbill**

FedEx Tracking Number **8535 3172 1750**

0215

Sender's Copy

From *Please print and press hard.*

Date 2/23/07 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 856-2792

Company Peel Consulting

Address 140 Chapel Lane

Dept./Floor/Suite/Room

City Madison State MS ZIP 39110

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

INTERNAL

To

Recipient's Name SAMPLE CUSTODIAN Phone (910) 350-1903

Company PARADIGM ANALYTICAL LABS

Recipient's Address 5500 BUSINESS DR

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City WILMINGTON State NC ZIP 28405-8446

0318539504

Try online shipping at fedex.com

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

Questions? Go to our Web site at fedex.com
or call 1.800.GoFedEx 1.800.463.3339.

4a Express Package Service To add SATURDAY Delivery, see Section 6. ***Packages up to 150 lbs.*** * To most locations.

- [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 rate not available. Minimum charge: One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. ***Packages over 150 lbs.*** ** To most locations.

- [ ] 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.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes.
- [ ] **HOLD Weekday at FedEx Location** — NOT Available for 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.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 _____ x _____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) 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. or Credit Card No. 1811418911 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 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Anyone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. *Fee applies.*

519

Appendix C

Chain of Custody Sheets for samples sent to Paradigm Labs

SGS

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
- Alaska
- Louisiana
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

www.us.sgs.com

065641

(1)

CLIENT: MARTIN & SLAGLE

CONTACT: ROBERT MARTIN PHONE NO:( )

PROJECT: KUHLMAN ELECTRIC SITE/PWSID# :

REPORTS TO: SAMO E-MAIL:

FAX NO.:( )

INVOICE TO: SAMO QUOTE #

P.O. NUMBER

SGS Reference:

PAGE 1 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: N/A	Analysis Required (3): PCB	MOBIL LAB # REMARKS
	RLP-EFS-001-001	2/19/07	1334	S	1			X	AA116
	RLP-DUPLICATE	2/19/07	—	S	1			X	AA122
	RLP-ESS-005	2/19/07	1351	S	1			X	AA127
	RLP-EFS-007-001	2/21/07	1300	S	1			X	AA129
	RLP-DUPLICATE	2/21/07	—	S	1			X	AA131
	RLP-EFS-012-001	2/21/07	1425	S	1			X	AA139
	RLP-EFS-015-001	2/22/07	1150	S	1			X	AA144
	RLP-ESS-017	2/22/07	1207	S	1			X	AA154
	RLP-DUPLICATE	2/22/07	—	S	1			X	AA155
	RLP-EFS-025-001	2/22/07	1505	S	1			X	AA161

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Mark Peel	2/23/07	1400	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier: Samples Received Cold? (Circle) YES NO

Shipping Ticket No: Temperature °C: _____ °F: _____

Special Deliverable Requirements: Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

❑ 200 W. Potter D
❑ 5500 Business
Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
❑ 1270 Greenbrie
Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

SGS

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
- Alaska
- Hawaii
- Louisiana
- Maryland
- New Jersey
- North Carolina
- West Virginia

www.us.sgs.com

065644

(1)

CLIENT: MARTIN B SIMS

CONTACT: ROBERT MARTIN PHONE NO:( )

PROJECT: KOHLMAN ELECTRIC SITE/PWSID# :

REPORTS TO: SIMS E-MAIL:

FAX NO.:( )

INVOICE TO: SIMS QUOTE #

P.O. NUMBER

SGS Reference:

PAGE 2 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: N/A	Analysis Required (3): PIBI	MOBILE LAB # REMARKS
	RLP-ESS-032	2/22/07	1810	S	1		X		AA183
	RLP-ESS-033	2/22/07	1833	S	1		X		AA185

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Charles Reed	2/23/07		
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:

Shipping Ticket No:

Special Deliverable Requirements:

Samples Received Cold? (Circle) YES NO

Temperature °C: _____ °F _____

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

❑ 200 W. Potter Dr... Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
❑ 1270 Greenbrier Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

...ite - Retained by Lab
Y... Returned with Report
Pink - Retained by Sampler