August 12, 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 May. 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

Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

August 12, 2007

To: Robert Martin
Martin Slagle Inc.

From: Richard Johnson
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 MS2 Property area during May 2007 during an accelerated site investigation episode around the Kuhlman Electric Corporation (KEC) 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. A summary of method blanks, laboratory control samples and matrix spike/matrix spike duplicate data is provided in Table 2.

In addition copies of the chain of custody 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.

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.

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 May 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

Soil Sample Results – May

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
MM177	MS2-ESS-035		1-May-07	14:42	1-May-07	< 0.10	97.7	102	
MM178	MS2-ESS-036		1-May-07	14:44	1-May-07	< 0.10	94.1	97.7	
MM179	MS2-ESS-037		1-May-07	14:47	1-May-07	< 0.10	97.1	104	
MM180	MS2-EFS-109-001		1-May-07	14:53	1-May-07	< 0.10	97.7	100	
MM181	MS2-EFS-110-001		1-May-07	14:57	1-May-07	< 0.10	97.0	99.0	
MM182	MS2-Duplicate		1-May-07	-	1-May-07	< 0.10	98.6	102	
MM183	MS2-ESS-038		2-May-07	10:38	2-May-07	**0.42**	93.0	95.6	
MM184	MS2-Duplicate		2-May-07	-	2-May-07	**0.61**	99.2	103	
MM185	MS2-EFS-031-002		3-May-07	09:58	3-May-07	< 0.10	108	107	
MM186	MS2-EFS-031-003		3-May-07	10:00	3-May-07	< 0.10	103	109	
MM187	MS2-EFS-031-004		3-May-07	10:04	3-May-07	< 0.10	101	110	
MM188	MS2-EFS-031-005		3-May-07	10:06	3-May-07	< 0.10	99.7	108	
MM189	MS2-Duplicate		3-May-07	-	3-May-07	< 0.10	98.4	107	
MM190	MS2-EFS-032-002		3-May-07	10:35	3-May-07	< 0.10	98.0	105	
MM191	MS2-EFS-032-003		3-May-07	10:38	3-May-07	< 0.10	98.4	106	
MM192	MS2-EFS-032-004		3-May-07	10:40	3-May-07	< 0.10	105	113	
MM193	MS2-EFS-032-005		3-May-07	10:42	3-May-07	< 0.10	100	109	
MM194	MS2-EFS-002-002		3-May-07	12:48	3-May-07	< 0.10	98.3	106	
MM195	MS2-EFS-002-003		3-May-07	12:49	3-May-07	< 0.10	95.8	103	
MM196	MS2-EFS-002-004		3-May-07	12:51	3-May-07	< 0.10	96.7	104	
MM197	MS2-EFS-002-005		3-May-07	12:52	3-May-07	< 0.10	97.2	107	
MM198	MS2-EFS-002-006		3-May-07	12:54	3-May-07	< 0.10	100	108	
MM199	MS2-EFS-002-007		3-May-07	12:56	3-May-07	< 0.10	97.5	108	
MM200	MS2-EFS-003-002		3-May-07	13:19	3-May-07	< 0.10	94.6	101	
MM201	MS2-EFS-003-003		3-May-07	13:20	3-May-07	< 0.10	96.3	106	
MM202	MS2-EFS-003-004		3-May-07	13:21	3-May-07	< 0.10	96.8	106	
MM203	MS2-EFS-003-005		3-May-07	13:22	3-May-07	< 0.10	95.0	106	
MM204	MS2-EFS-015-002		3-May-07	14:10	3-May-07	< 0.10	97.3	107	
MM205	MS2-EFS-015-003		3-May-07	14:11	3-May-07	< 0.10	94.9	102	
MM206	MS2-EFS-015-004		3-May-07	14:12	3-May-07	< 0.10	94.7	104	
MM207	MS2-EFS-015-005		3-May-07	14:13	3-May-07	< 0.10	93.9	102	
MM208	MS2-EFS-015-006		3-May-07	14:14	3-May-07	< 0.10	94.4	103	
MM209	MS2-EFS-015-007		3-May-07	14:15	3-May-07	< 0.10	93.8	101	
MM210	MS2-EFS-016-002		3-May-07	15:22	3-May-07	< 0.10	92.5	103	
MM211	MS2-EFS-016-003		3-May-07	15:23	3-May-07	< 0.10	100	110	
MM212	MS2-EFS-016-004		3-May-07	15:24	3-May-07	< 0.10	96.9	104	
MM213	MS2-EFS-016-005		3-May-07	15:25	3-May-07	< 0.10	99.3	107	
MM214	MS2-EFS-016-006		3-May-07	15:26	3-May-07	< 0.10	96.6	104	

NOTES:
A = Acid Treated.
Surrogate 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
MM215	MS2-EFS-034-002		3-May-07	15:42	3-May-07	< 0.10	95.6	103	
MM216	MS2-EFS-034-003		3-May-07	15:44	3-May-07	< 0.10	96.2	106	
MM217	MS2-EFS-034-004		3-May-07	15:45	3-May-07	< 0.10	95.7	104	
MM218	MS2-EFS-036-002		3-May-07	16:29	3-May-07	< 0.10	99.7	101	
MM219	MS2-EFS-036-003		3-May-07	16:30	3-May-07	< 0.10	98.2	107	
MM220	MS2-EFS-036-004		3-May-07	16:32	3-May-07	< 0.10	97.7	107	
MM221	MS2-EFS-036-005		3-May-07	16:33	3-May-07	< 0.10	96.0	105	
MM222	MS2-EFS-036-006		3-May-07	16:34	3-May-07	< 0.10	95.7	102	
MM223	MS2-EFS-033-002		4-May-07	08:50	4-May-07	< 0.10	101	109	
MM224	MS2-EFS-033-003		4-May-07	08:53	4-May-07	< 0.10	96.3	105	
MM225	MS2-EFS-033-004		4-May-07	08:54	4-May-07	< 0.10	95.8	106	
MM226	MS2-EFS-033-005		4-May-07	08:56	4-May-07	< 0.10	93.8	104	
MM227	MS2-Duplicate		4-May-07	-	4-May-07	< 0.10	96.8	103	
MM228	MS2-EFS-035-002		4-May-07	09:10	4-May-07	< 0.10	100	101	
MM229	MS2-EFS-035-003		4-May-07	09:12	4-May-07	< 0.10	97.6	104	
MM230	MS2-EFS-035-004		4-May-07	09:13	4-May-07	< 0.10	97.1	106	
MM231	MS2-EFS-035-005		4-May-07	09:15	4-May-07	< 0.10	98.2	106	
MM232	MS2-EFS-004-003		4-May-07	09:30	4-May-07	< 0.10	98.8	104	
MM233	MS2-EFS-004-004		4-May-07	09:32	4-May-07	< 0.10	94.8	104	
MM234	MS2-EFS-004-005		4-May-07	09:33	4-May-07	< 0.10	99.0	105	
MM235	MS2-EFS-004-006		4-May-07	09:35	4-May-07	< 0.10	102	107	
MM236	MS2-EFS-004-007		4-May-07	09:36	4-May-07	< 0.10	102	110	
MM237	MS2-EFS-004-008		4-May-07	09:37	4-May-07	< 0.10	104	110	

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

Table 2

Soil QC Samples - May

Table 2
QC Results

Lab # associated with qc samples: MM177 through MM182

	Matrix Spike E2687	Matrix Spike Duplicate E2687	Blank 1192	LCS 1192
Date Analyzed:	5/1/07	5/1/07	5/1/07	5/1/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	101		101		0%	< 0.10	98.0

Table 2
QC Results

Lab # associated with qc samples: MM183 through MM184

	Matrix Spike E2710	Matrix Spike Duplicate E2710	Blank 1193	LCS 1193
Date Analyzed:	5/2/07	5/2/07	5/2/07	5/2/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	95.4		97.0		-2%	< 0.10	94.1

Table 2
QC Results

Lab # associated with qc samples: MM185 through MM204

	Matrix Spike MM185		Matrix Spike Duplicate MM185			Blank 1194	LCS 1194
Date Analyzed:	5/3/07		5/3/07			5/3/07	5/3/07
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	110		107		3%	< 0.10	112

Table 2
QC Results

Lab # associated with qc samples: MM205 through MM222

	Matrix Spike MM204	Matrix Spike Duplicate MM204	Blank 1195	LCS 1195
Date Analyzed:	5/3/07	5/3/07	5/3/07	5/3/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	103		106		-3%	< 0.10	100

Table 2
QC Results

Lab # associated with qc samples: MM223 through MM237

	Matrix Spike MM223	Matrix Spike Duplicate MM223	Blank 1196	LCS 1196
Date Analyzed:	5/4/07	5/4/07	5/4/07	5/4/07

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	102		102		0%	< 0.10	101

Appendix A

Chain of Custody Sheets for mobile lab PCB analysis Samples

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

CHAIN OF CUSTODY

MS2

No. 012721

Page 1 of 1

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MS2-ESS-035	5/1/07	1442	S	1	NA	PCB²		MM177
-036		1444						MM178
-037		1447						MM179
EFS-109-001		1453						MM180
110-001		1457						MM181
DUPLICATE		—						MM182

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

Relinquished By: Chuck Bebl	Date/Time: 5/1/07 1511	Received By: Rgleon #1407
Relinquished By:	Date/Time:	Received By:

Date/Time: 1511

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

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CHAIN OF CUSTODY

MS2 ✓

No. 012724

Page 1 of 1

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC	Company: MARTIN SCHAGER	Report Due:
Project Location: CRYSTAL SPRINGS, MS	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
MS2-ESS-038	02MAY07	1038	S	1	NA	PCB's		MM183
DUPLICATE	✓	—	✓	✓	✓	✓		MM184

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

Relinquished By: Chuck Peel	Date/Time: 5/2/07 1158	Received By: 02MAY07	Date/Time: 1058
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

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CHAIN OF CUSTODY

MS2

No. 012725 *

Page 1 of 4

Project Number:		Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KUHLMAN ELECTRIC		Company: MARTIN & SCHAGER	Report Due:
Project Location: CRYSTAL SPRINGS, MS		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
MS2-EFS-031-002	03MY07	0958	S	1	NA	PCB's		MM185
-003		1000						MM186
-004		~~1004~~ 1008						MM187
-005		1006				& 03MY07		MM188
DUPLICATE		—						MM189
EFS-032-002		1035						MM190
-003		1038						MM191
-004		1040						MM192
-005		1042						MM193
002-002		1248						MM194
-003		1249						MM195
-004		1251						MM196

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: [signature]	Date/Time: 5/3/07	Received By: R Peel 03MY07	Date/Time: 1320
	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

MS2

No. 012727

Page 2 of 4

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

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MS2-EFS-002-005	03MY 07	1252	S	1	NA	PCB[2]		MM197
-006		1254						MM198
-007		1256						MM199
003-002		1319						MM200
-003		1320						MM201
-004		1321						MM202
-005		1322						MM203
015-002		1410						MM204
-003		1411						MM205
-004		1412						MM206
-005		1413						MM207
-006		1414						MM208

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

Relinquished By:	Date/Time: 03MY 1434	Received By: R Peel 03MY07	Date/Time: 1434
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

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

CHAIN OF CUSTODY

No. 012728 *

Page 3 of 4

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

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
MS2-EFS-015-007	03/07	1415	S	1	NA	PIB2		MM209
016-002		1522						MM210
-003		1523						MM211
-004		1524						MM212
-005		1525						MM213
-006		1526						MM214
034-002		1542						MM215
-003		1544						MM216
-004		1545						MM217
036-002		1629						MM218
-003		1630						MM219
-004		1632						MM220

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

Relinquished By:	Date/Time: 5/3/07 1652	Received By:	Date/Time: 1652
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.

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

CHAIN OF CUSTODY

No. 012729 *

Page 4 of 4

MS2

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN SCHAGE
Project Location: CRYSTAL SPRINGS, MS	Address:
Sampled By (Print): CHUCK PEFC	

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
MS-EFS-036-005	03MAY	1623	S	1	NA	PCB 2C		MM221
✓ ✓ ✓ -006	✓	1634	✓	✓	✓	✓		MM222

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

Relinquished By: [illegible]	Date/Time: 5/4/07 1644	Received By: R Jolson 030407
Relinquished By:	Date/Time:	Received By:

Date/Time: 1644
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. 012730 *

Page 1 of 2

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

Turn Around (circle one) Normal Rush

Report Due:

Invoice To:

Company:

Address:

P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MS2 - EFS-033-002	04 MAY 07	0850	S	1	A	PCB's 8082 040407		MM223
-003	04 MAY 07	0853						MM224
-004		0854						MM225
-005		0856						MM226
DUPLICATE		—						MM227
EFS-035-002		0910						MM228
-003		0912						MM229
-004		0913						MM230
-005		0915						MM231
004 003		0930						MM232
004		0932						MM233
003		0933						MM234

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

Relinquished By: Chuck A.M. Peel	Date/Time: 5/4/07 0950	Received By: R Dean 04MAY07	Date/Time: 0950
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. 012731 *

Page 2 of 2

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MS2-EFS-004-006	04-4-07	0935	S	1	NA	PCB's		MM235
" " "-007	"	0936	"	"	"	"		MM236
" " "-008	"	0937	"	"	"	"		MM237

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

Relinquished By: Chuck M. Berl	Date/Time: 5/4/07 0951	Received By: Rolon 04MY07	Date/Time: 0951
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

FEDEX shipping label for Paradigm Labs

FedEx Express **US Airbill**

FedEx Tracking Number 8613 1266 2835

MUR11

Form ID No. 0215 **Sender's Copy**

Please print and press hard.

Date 02/14/07 Sender's FedEx Account Number 1811-4189-1

Sender's Name CHUCK PRBL Phone (910) 350-1903

Company SGS ENVIRONMENTAL SVC

Address 5500 BUSINESS DR Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405-8446

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

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

Company SGS ENVIRONMENTAL SVC

Recipient's Address 5500 BUSINESS DR
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

0356033367

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

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

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **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. 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. 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.

8 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 — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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Rev. Date 10/06•Part #158279•©1994–2006 FedEx•PRINTED IN U.S.A.•SRF

FedEx Express **US Airbill**

FedEx Tracking Number 8613 1266 2846

MUR11

Form ID No. 0215 **Sender's Copy**

Please print and press hard.

Date 5/8/07 Sender's FedEx Account Number 1811-4189-1

Sender's Name Phone (910) 350-1903

Company SGS ENVIRONMENTAL SVC

Address 5500 BUSINESS DR Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405-8446

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

Recipient's Name Phone (910) 350-1903

Company SGS ENVIRONMENTAL

Recipient's Address 5500 BUSINESS DR
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

0356033367

4a Express Package Service *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

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

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **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.

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

FedEx Acct. No. or Credit Card No. 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. 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.

8 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 — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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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

062198

(1)

CLIENT: MARTIN J SCAGCR

CONTACT: ROBERT MARTIN PHONE NO:( )

PROJECT: KUHLMAN ELECTRIC SITE/PWSID# :

REPORTS TO: SAME E-MAIL:

FAX NO.:( )

INVOICE TO: SAME QUOTE #

P.O. NUMBER

SGS Reference:

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used	Analysis Required (3) PRBL	MOBILE LAB # REMARKS
	MS2-EFS-098-001	30APR07	1231	S	1	—		X	MM163
	MS2-DUPLICATE	30APR07	—	S	1	—		X	MM170
	MS2-EFS-106-001	30APR07	1627	S	1	—		X	MM171
	MS2-EFS-109-001	01MAY07	1433	S	1	—		X	MM180
	MS2-DUPLICATE	01MAY07	—	S	1	—		X	MM182
	MS2-EFS-038	02MAY07	1038	S	1	—		X	MM183
	MS2-DUPLICATE	02MAY07	—	S	1	—		X	MM184

ADD 8D2 for 02MAY07

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	5/2/07	1700	
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:_____ ï _____

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

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

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

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

062200

(1)

CLIENT: MARTIN DISTRICT ELECTRIC

CONTACT: ROBERT MARTIN PHONE NO:( )

PROJECT: KUHLMAN ELECTRIC SITE/PWSID# :

REPORTS TO: E-MAIL:

SAME FAX NO.:( )

INVOICE TO: QUOTE #

SAME P.O. NUMBER

SGS Reference:

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservatives Used	Analysis Required (3) PCB's	#	REMARKS
	MS2-EFS-031-002	03/MAY/07	0958	S	1	—		X		MH185
	MS2-DUPLICATE	03/MAY/07	—	S	1	—		X		MH189
	MS2-EFS-032-005	03/MAY/07	1042	S	1	—		X		MH193
	MS2-EFS-015-004	03/MAY/07	1412	S	1	—		X		MH206
	MS2-EFS-034-003	03/MAY/07	1544	S	1	—		X		MH216
	MS2-EFS-033-002	04/MAY/07	0850	S	1	—		X		MH223
	MS2-DUPLICATE	04/MAY/07	—	S	1	—		X		MH227
	MS2-EFS-004-004	04/MAY/07	0932	S	1	—		X		MH233

ROBLAB LAB

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Charles Peel	5/8/07	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:

Shipping Ticket No:

Special Deliverable Requirements:

Samples Received Cold? (Circle) YES NO

Temperature ∫C:_____ T_____

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

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

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler