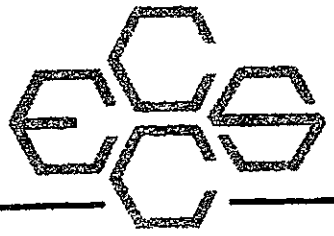

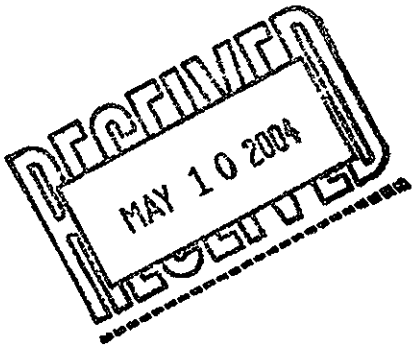

April 30, 2004

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 former Borg Warner and current Kuhlman Electric facility in Crystal Springs, Mississippi during the month of March. If you have any questions concerning this information, please give me a call.

Sincerely,

Karin 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

Borg Warner / Kuhlman Electric

Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

April 30, 2004

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 samples collected from MSL soils during March 2004 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. 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.

A) Chain of custody sheets soil

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.

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. 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.

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

4. 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
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(%)
R001	MSL-HSA-001-001	8-10'	31-Mar-04	12:40	31-Mar-04	**0.88**	106	103
R002	MSL-HSA-001-002	16-18'	31-Mar-04	12:50	31-Mar-04	< 0.10	99.6	98.4
R003	MSL-HSA-001-003	18-19'	31-Mar-04	12:55	31-Mar-04	**0.87**	98.7	100
R004	MSL-HSA-002-001	16-18'	31-Mar-04	14:35	31-Mar-04	< 0.10	101	99.1
R005	MSL-HSA-002-002	18-20'	31-Mar-04	14:45	31-Mar-04	< 0.10	103	102
R006	MSL-HSA-003-001	16-18'	31-Mar-04	13:45	31-Mar-04	< 0.10	98.4	97.1
R007	MSL-HSA-003-002	19-21'	31-Mar-04	13:55	31-Mar-04	< 0.10	99.7	100
R008	MSL-Duplicate	-	31-Mar-04	-	31-Mar-04	**0.64**	104	111
R009	MSL-GS-001	-	31-Mar-04	14:50	31-Mar-04	**3.2**	138	104
R010	MSL-GS-002	-	31-Mar-04	14:50	31-Mar-04	**3.1**	142	111

Table 2
QC Results

Lab # associated with qc samples: R001 through R008

	Matrix Spike J126	Matrix Spike Duplicate J126		Blank 731	LCS 731
Date Analyzed:	3/31/04	3/31/04		3/31/04	3/31/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	100		95.6		4%	< 0.10	94.2

Table 2
QC Results

Lab # associated with qc samples: R009 through R010

	Matrix Spike J126		Matrix Spike Duplicate J126			Blank 731	LCS 731
Date Analyzed:	3/31/04		3/31/04			3/31/04	3/31/04
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	100		95.6		4%	< 0.10	94.2

Appendix A

Chain of Custody Sheets for mobile lab PCB analysis Soil Samples

Environmental Chemistry Consulting Services, Inc.

2825 Advance Road, Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

31MR04

CHAIN OF CUSTODY

MSL

No. 007258 *

Page 1 of 1

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN J SCAGLE
Project Location: CRYSTAL SPRINGS, MS	Address:
Sampled By (Print): RICHARD BEALE	

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
MSL-MSA-001-001	31MR04	1240	S	1	NA	PCB's DRY TH 8-10'		R001
-002		1250				16-18'		R002
-003		1255				18-19'		R003
-002-001		1435				16-18'		R004
-002		1445				18-20'		R005
-003-001		1345				16-18'		R006
-002		1355				19-21'		R007
MSL-HSA DUPLICATE		D				—		R008

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

Relinquished By: [signature]	Date/Time: 31/04 1610	Received By: R Johnson	Date/Time: 31MR04 1615
Relinquished By: RB	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

3/10/04

CHAIN OF CUSTODY

MSL

No. 007259 *

Page 1 of 1

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN J SLAGLE
Project Location: CRYSTAL SPRINGS, MS	Address:
Sampled By (Print): RICHARD BEALE	

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
MSL-GS-001	3/9/04	1450	S	1	NA	PCB[5]		R009
" " -002	"	1430	"	"	"	"		R010

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

Relinquished By: Richard Beale Date/Time: 3-9-04 1615
Relinquished By: Date/Time:

Received By: R Johnson 3/10/04 Date/Time: 1620
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

May 20, 2004

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

Dear Mr. Martin,

Enclosed is the Paradigm chain of custody and fed ex shipping label for two MSL samples collected in March but not sent to Paradigm until April 7, 2004. Please insert into the March report. If you have any questions concerning this information, please give me a call.

Sincerely,

Karie-Ann Kellam

for Richard Johnson

Enclosure

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

FedEx Express USA Airbill

FedEx Tracking Number 8452 9227 3553

HUR43

0215

Sender's Copy

1 From Please print and press hard.

Date 4/7/04 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 856-2527

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 SAMPLE CUSTODIAN Phone (910) 350-1903

Company PARADIGM ANALYTICAL LABS

Address 5503 BUSINESS DR
To "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405-8446

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 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

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

Dangerous Goods (including Dry Ice) 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. or 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.

447

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Questions? Visit our Web site at fedex.com or call 1.800.GoFedEx® 800.463.3339.

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PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 3[illegible]81

Page 1 of 1

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

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

Date: 4/7/04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME

Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NP	Analyses: PCB*	Comments: Please specify any special reporting requirements
						MOBILE LAB # / DEPTH
MSL-HSA-001-001	3AP 04	1240	S	X	X	R001 8-10'
MSL-HSA DUP	3AP 04	—	S	X	X	R008 —
MSL-HSA-004-001	1AP 04	0900	S	X	X	R011 16-18'
MSL-HSA DUP	1AP 04	—	S	X	X	R018 —
MSL-HSA-008-001	1AP 04	1435	S	X	X	R022 19-21'
MSL-HSA-004-004	2AP 04	0915	S	X	X	R028 21-23'
MSL-HSA-DUP	2AP 04	—	S	X	X	R030 —
						4/7/04

14 DAY EXTRACTION
40 DAYS ANALYSIS
HOLD TIMES

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	4/7/04	1600				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

CLIENT COPY

May 21, 2004

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 former Borg Warner and current Kuhlman Electric facility in Crystal Springs, Mississippi during the month of April. If you have any questions concerning this information, please give me a call.

Sincerely,

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

Borg Warner / Kuhlman Electric

Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

May 21, 2004

To: Robert Martin
Martin Slagle Inc.

From: Richard Johnson RJK
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 water samples collected from the MSL area during April 2004 during an accelerated site investigation episode around the former Borg Warner and current Kuhlman Electric 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 MSL 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 two samples (R031 and R033). 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 45 and April 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
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(%)	Rinse
R011	MSL-HSA-004-001	16-18'	1-Apr-04	09:00	1-Apr-04	< 0.10	101	101	
R012	MSL-HSA-004-002	18-20'	1-Apr-04	09:08	1-Apr-04	**0.36**	97.6	100	
R013	MSL-HSA-005-001	16-18'	1-Apr-04	10:05	1-Apr-04	< 0.10	95.5	101	
R014	MSL-HSA-005-002	18-20'	1-Apr-04	10:15	1-Apr-04	**1.6**	95.7	99.5	
R015	MSL-HSA-005-003	20-22'	1-Apr-04	10:19	1-Apr-04	**0.31**	101	105	
R016	MSL-HSA-006-001	16-18'	1-Apr-04	10:55	1-Apr-04	**0.28**	148	130	A
R017	MSL-HSA-006-002	18-20'	1-Apr-04	11:00	1-Apr-04	< 0.10	96.6	105	
R018	MSL-Duplicate	-	1-Apr-04	-	1-Apr-04	< 0.10	96.9	102	
R019	MSL-HSA-007-002	18-20'	1-Apr-04	13:46	1-Apr-04	< 0.10	99.3	104	
R020	MSL-HSA-007-001	16-18'	1-Apr-04	13:40	1-Apr-04	< 0.10	98.1	103	
R021	MSL-HSA-007-003	21-23'	1-Apr-04	13:55	1-Apr-04	< 0.10	98.3	105	
R022	MSL-HSA-008-001	19-21'	1-Apr-04	14:35	1-Apr-04	< 0.10	99.4	106	
R023	MSL-HSA-008-002	22-24'	1-Apr-04	14:45	1-Apr-04	< 0.10	99.5	107	
R024	MSL-HSA-009-001	20-22'	1-Apr-04	15:50	1-Apr-04	< 0.10	96.6	107	
R025	MSL-HSA-009-002	22-24'	1-Apr-04	15:55	1-Apr-04	**0.53**	95.9	98.8	
R026	MSL-HSA-010-001	20-22'	1-Apr-04	17:12	1-Apr-04	< 0.10	96.4	103	
R027	MSL-HSA-010-002	22-24'	1-Apr-04	17:15	1-Apr-04	< 0.10	96.0	101	
R028	MSL-HSA-001-004	21-23'	2-Apr-04	09:15	2-Apr-04	< 0.10	107	113	
R029	MSL-HSA-001-005	23-25'	2-Apr-04	09:20	2-Apr-04	< 0.10	102	96.0	
R030	MSL-Duplicate	-	2-Apr-04	-	2-Apr-04	< 0.10	106	109	
R031	MSL-HA-011-001	0-6"	13-Apr-04	12:26	14-Apr-04	**0.47**	114	52.6	A
R032	MSL-HA-011-002	24-30"	13-Apr-04	12:40	14-Apr-04	**0.81**	111	75.0	A
R033	MSL-HA-012-001	0-6"	13-Apr-04	13:00	14-Apr-04	**2.5**	109	48.6	A
R034	MSL-DP-013-001	0-6"	13-Apr-04	15:00	14-Apr-04	< 0.10	104	104	
R035	MSL-DP-013-002	24-30"	13-Apr-04	15:05	14-Apr-04	< 0.10	114	99.4	
R036	MSL-DP-013-003	30-48"	13-Apr-04	15:08	14-Apr-04	< 0.10	104	104	
R037	MSL-DP-014-001	0-6"	13-Apr-04	15:12	14-Apr-04	< 0.10	102	104	
R038	MSL-DP-014-002	24-30"	13-Apr-04	15:14	14-Apr-04	< 0.10	104	108	
R039	MSL-DP-014-003	30-48"	13-Apr-04	15:16	14-Apr-04	< 0.10	102	107	
R040	MSL-DP-015-001	0-6"	13-Apr-04	15:25	14-Apr-04	< 0.10	108	108	
R041	MSL-DP-015-002	24-30"	13-Apr-04	15:27	14-Apr-04	< 0.10	110	91.3	
R042	MSL-DP-015-003	30-48"	13-Apr-04	15:29	14-Apr-04	< 0.10	107	96.3	
R043	MSL-DP-016-001	0-6"	13-Apr-04	15:34	14-Apr-04	< 0.10	105	107	
R044	MSL-DP-016-002	24-30"	13-Apr-04	15:36	14-Apr-04	< 0.10	107	109	
R045	MSL-DP-016-003	30-48"	13-Apr-04	15:38	14-Apr-04	< 0.10	107	108	
R046	MSL-Duplicate	-	13-Apr-04	-	14-Apr-04	**0.10**	103	103	
R047	MSL-DP-017-001	0-6"	14-Apr-04	08:30	14-Apr-04	**35**	134	114	A
R048	MSL-DP-017-002	24-30"	14-Apr-04	08:33	14-Apr-04	< 0.10	96.7	95.5	
R049	MSL-DP-017-003	30-48"	14-Apr-04	08:37	14-Apr-04	< 0.10	99.9	101	
R050	MSL-DP-018-001	0-6"	14-Apr-04	08:44	14-Apr-04	**6.3**	124	108	A
R051	MSL-DP-018-004	48-96"	14-Apr-04	08:54	14-Apr-04	**0.42**	136	104	A
R052	MSL-DP-018-005	96-120"	14-Apr-04	09:02	14-Apr-04	< 0.10	97.4	108	
R053	MSL-DP-019-001	0-6"	14-Apr-04	09:12	14-Apr-04	**0.21**	126	116	A
R054	MSL-DP-019-002	24-30"	14-Apr-04	09:16	14-Apr-04	< 0.10	96.1	96.8	

A = Sample acid rinsed.

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(%)	Rinse
R055	MSL-DP-019-003	30-48"	14-Apr-04	09:18	14-Apr-04	< 0.10	93.8	107	
R056	MSL-DP-020-001	0-6"	14-Apr-04	09:20	14-Apr-04	< 0.10	138	128	A
R057	MSL-DP-020-002	24-30"	14-Apr-04	09:22	14-Apr-04	< 0.10	95.5	107	
R058	MSL-DP-020-003	30-48"	14-Apr-04	09:24	14-Apr-04	< 0.10	93.4	105	
R059	MSL-Duplicate	-	14-Apr-04	-	14-Apr-04	**4.5**	135	114	A
R060	MSL-DP-021-001	0-6"	14-Apr-04	10:25	14-Apr-04	**1.3**	136	126	A
R061	MSL-DP-021-002	24-30"	14-Apr-04	10:28	15-Apr-04	< 0.10	100	102	
R062	MSL-DP-021-003	30-48"	14-Apr-04	10:30	15-Apr-04	< 0.10	97.1	95.2	
R063	MSL-DP-022-001	0-6"	14-Apr-04	10:34	15-Apr-04	< 0.10	94.2	100	
R064	MSL-DP-022-002	24-30"	14-Apr-04	10:36	15-Apr-04	< 0.10	100	101	
R065	MSL-DP-022-003	30-48"	14-Apr-04	10:38	15-Apr-04	< 0.10	97.4	108	
R066	MSL-DP-023-001	0-6"	14-Apr-04	10:40	15-Apr-04	< 0.10	94.1	95.1	
R067	MSL-DP-023-002	24-30"	14-Apr-04	10:42	15-Apr-04	< 0.10	97.7	105	
R068	MSL-DP-023-003	30-48"	14-Apr-04	10:44	15-Apr-04	< 0.10	97.9	103	
R069	MSL-DP-024-001	0-6"	14-Apr-04	12:30	14-Apr-04	< 0.10	98.2	100	
R070	MSL-DP-024-002	24-30"	14-Apr-04	12:33	14-Apr-04	< 0.10	96.5	103	
R071	MSL-DP-024-003	30-48"	14-Apr-04	12:35	14-Apr-04	< 0.10	94.2	97.9	
R072	MSL-DP-025-001	0-6"	14-Apr-04	12:42	14-Apr-04	< 0.10	126	119	A
R073	MSL-DP-025-002	24-30"	14-Apr-04	12:44	14-Apr-04	< 0.10	96.3	109	
R074	MSL-DP-025-003	30-48"	14-Apr-04	12:46	14-Apr-04	< 0.10	92.8	101	
R075	MSL-DP-026-001	0-6"	14-Apr-04	12:52	14-Apr-04	< 0.10	139	126	A
R076	MSL-DP-026-002	24-30"	14-Apr-04	12:54	14-Apr-04	< 0.10	138	127	A
R077	MSL-DP-026-003	30-48"	14-Apr-04	12:56	14-Apr-04	< 0.10	97.6	110	
R078	MSL-DP-027-001	0-6"	14-Apr-04	13:02	14-Apr-04	< 0.10	93.9	95.9	
R079	MSL-DP-027-002	24-30"	14-Apr-04	13:04	14-Apr-04	< 0.10	95.0	97.6	
R080	MSL-DP-027-004	48-96"	14-Apr-04	13:08	14-Apr-04	< 0.10	95.8	93.7	
R081	MSL-DP-028-001	0-6"	14-Apr-04	14:35	15-Apr-04	< 0.10	136	125	A
R082	MSL-DP-028-002	24-30"	14-Apr-04	14:38	15-Apr-04	< 0.10	94.1	103	
R083	MSL-DP-028-003	30-48"	14-Apr-04	14:40	15-Apr-04	< 0.10	94.8	91.1	
R084	MSL-DP-029-001	0-6"	14-Apr-04	14:45	15-Apr-04	< 0.10	130	117	
R085	MSL-DP-029-002	24-30"	14-Apr-04	14:47	15-Apr-04	< 0.10	92.6	94.9	
R086	MSL-DP-029-003	30-48"	14-Apr-04	14:50	15-Apr-04	< 0.10	96.6	93.8	
R087	MSL-DP-030-001	0-6"	14-Apr-04	14:55	15-Apr-04	< 0.10	125	117	
R088	MSL-DP-030-002	24-30"	14-Apr-04	14:57	15-Apr-04	< 0.10	96.9	104	
R089	MSL-DP-030-003	30-48"	14-Apr-04	15:00	15-Apr-04	< 0.10	96.5	107	
R090	MSL-DP-031-001	0-6"	14-Apr-04	15:05	15-Apr-04	< 0.10	135	122	
R091	MSL-DP-031-002	24-30"	14-Apr-04	15:07	15-Apr-04	< 0.10	96.8	92.7	
R092	MSL-DP-031-003	30-48"	14-Apr-04	15:10	15-Apr-04	< 0.10	96.1	93.8	
R093	MSL-DP-032-001	0-6"	15-Apr-04	08:15	15-Apr-04	< 0.10	149	138	A
R094	MSL-DP-032-002	24-30"	15-Apr-04	08:17	15-Apr-04	< 0.10	105	105	
R095	MSL-DP-032-003	30-48"	15-Apr-04	08:20	15-Apr-04	< 0.10	103	101	
R096	MSL-DP-033-001	0-6"	15-Apr-04	08:26	15-Apr-04	< 0.10	149	147	A
R097	MSL-DP-033-002	24-30"	15-Apr-04	08:28	15-Apr-04	< 0.10	104	105	
R098	MSL-DP-033-003	30-48"	15-Apr-04	08:30	15-Apr-04	< 0.10	101	101	

A = Sample acid rinsed.

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(%)	Rinse
R099	MSL-DP-034-001	0-6"	15-Apr-04	08:34	15-Apr-04	< 0.10	107	105	
R100	MSL-DP-034-002	24-30"	15-Apr-04	08:36	15-Apr-04	< 0.10	101	104	
R101	MSL-DP-034-003	30-48"	15-Apr-04	08:40	15-Apr-04	< 0.10	102	102	
R102	MSL-DP-035-001	0-6"	15-Apr-04	08:50	15-Apr-04	**0.10**	139	130	A
R103	MSL-DP-035-002	24-30"	15-Apr-04	08:53	15-Apr-04	< 0.10	103	102	
R104	MSL-DP-035-003	30-48"	15-Apr-04	08:55	15-Apr-04	< 0.10	104	102	
R105	MSL-Duplicate	-	15-Apr-04	-	15-Apr-04	< 0.10	141	134	A
R106	MSL-HA-036-001	0-6"	15-Apr-04	11:00	15-Apr-04	**0.50**	142	166	A
R107	MSL-HA-036-002	24-30"	15-Apr-04	11:05	15-Apr-04	< 0.10	102	104	
R108	MSL-DP-037-001	0-6"	15-Apr-04	12:50	15-Apr-04	< 0.10	140	134	A
R109	MSL-DP-037-002	24-30"	15-Apr-04	12:52	15-Apr-04	< 0.10	98.4	99.3	
R110	MSL-DP-037-003	30-48"	15-Apr-04	12:55	15-Apr-04	< 0.10	102	97.3	
R111	MSL-DP-038-001	0-6"	15-Apr-04	12:57	15-Apr-04	< 0.10	106	101	
R112	MSL-DP-038-002	24-30"	15-Apr-04	12:58	15-Apr-04	< 0.10	103	91.8	
R113	MSL-DP-038-003	30-48"	15-Apr-04	13:00	15-Apr-04	< 0.10	103	97.1	
R114	MSL-DP-039-001	0-6"	15-Apr-04	13:06	15-Apr-04	< 0.10	143	134	A
R115	MSL-DP-039-002	24-30"	15-Apr-04	13:08	15-Apr-04	< 0.10	101	93.0	
R116	MSL-DP-039-003	30-48"	15-Apr-04	13:10	15-Apr-04	< 0.10	104	101	
R117	MSL-DP-040-001	0-6"	15-Apr-04	13:20	15-Apr-04	< 0.10	140	128	A
R118	MSL-DP-040-002	24-30"	15-Apr-04	13:22	15-Apr-04	< 0.10	106	96.6	
R119	MSL-DP-040-003	30-48"	15-Apr-04	13:26	15-Apr-04	< 0.10	141	127	A
R120	MSL-DP-040-004	48-96"	15-Apr-04	13:30	15-Apr-04	< 0.10	103	93.6	
R121	MSL-DP-041-001	0-6"	15-Apr-04	14:35	15-Apr-04	< 0.10	103	99.1	
R122	MSL-DP-041-002	24-30"	15-Apr-04	14:38	15-Apr-04	< 0.10	99.7	92.5	
R123	MSL-DP-041-003	30-48"	15-Apr-04	14:40	15-Apr-04	< 0.10	98.9	93.1	
R124	MSL-DP-042-001	0-6"	15-Apr-04	14:42	15-Apr-04	< 0.10	101	94.8	
R125	MSL-DP-042-002	24-30"	15-Apr-04	14:44	15-Apr-04	< 0.10	101	90.3	
R126	MSL-DP-042-003	30-48"	15-Apr-04	14:46	15-Apr-04	< 0.10	103	94.0	
R127	MSL-DP-043-001	0-6"	15-Apr-04	15:00	15-Apr-04	< 0.10	101	94.9	
R128	MSL-DP-043-002	24-30"	15-Apr-04	15:03	15-Apr-04	< 0.10	111	104	
R129	MSL-DP-043-003	30-48"	15-Apr-04	15:05	16-Apr-04	< 0.10	109	99.2	
R130	MSL-DP-044-001	0-6"	15-Apr-04	15:10	16-Apr-04	< 0.10	113	115	
R131	MSL-DP-044-002	24-30"	15-Apr-04	15:13	16-Apr-04	< 0.10	105	103	
R132	MSL-DP-044-003	30-48"	15-Apr-04	15:15	16-Apr-04	< 0.10	108	101	
R133	MSL-DP-045-001	0-6"	16-Apr-04	08:15	16-Apr-04	**2.1**	148	112	A
R134	MSL-DP-045-002	24-30"	16-Apr-04	08:18	16-Apr-04	< 0.10	104	105	
R135	MSL-DP-045-003	30-48"	16-Apr-04	08:20	16-Apr-04	< 0.10	106	118	
R136	MSL-DP-046-001	0-6"	16-Apr-04	08:25	16-Apr-04	**0.13**	137	111	A
R137	MSL-DP-046-002	24-30"	16-Apr-04	08:27	16-Apr-04	< 0.10	106	98.6	
R138	MSL-DP-046-003	30-48"	16-Apr-04	08:30	16-Apr-04	< 0.10	103	100	
R139	MSL-DP-047-001	0-6"	16-Apr-04	08:35	16-Apr-04	< 0.10	104	99.9	
R140	MSL-DP-047-002	24-30"	16-Apr-04	08:37	16-Apr-04	< 0.10	104	89.7	
R141	MSL-DP-047-003	30-48"	16-Apr-04	08:40	16-Apr-04	< 0.10	99.6	100	
R142	MSL-DP-048-001	0-6"	16-Apr-04	08:50	16-Apr-04	< 0.10	142	120	A

A = Sample acid rinsed.

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(%)	Rinse
R143	MSL-DP-048-002	24-30"	16-Apr-04	08:53	16-Apr-04	< 0.10	105	116	
R144	MSL-DP-048-003	30-48"	16-Apr-04	08:56	16-Apr-04	< 0.10	108	122	
R145	MSL-Duplicate	-	16-Apr-04	-	16-Apr-04	**2.5**	136	111	A
R146	MSL-DP-049-001	0-6"	16-Apr-04	10:06	16-Apr-04	< 0.10	109	98.1	
R147	MSL-DP-049-002	24-30"	16-Apr-04	10:08	16-Apr-04	< 0.10	105	99.0	
R148	MSL-DP-049-003	30-48"	16-Apr-04	10:10	16-Apr-04	**0.22**	148	132	A
R149	MSL-DP-050-001	0-6"	16-Apr-04	10:20	16-Apr-04	< 0.10	104	116	
R150	MSL-DP-050-002	24-30"	16-Apr-04	10:23	16-Apr-04	< 0.10	107	101	
R151	MSL-DP-050-003	30-48"	16-Apr-04	10:25	16-Apr-04	< 0.10	103	105	
R152	MSL-DP-051-001	0-6"	16-Apr-04	10:30	16-Apr-04	**2.9**	140	118	A
R153	MSL-DP-051-002	24-30"	16-Apr-04	10:32	16-Apr-04	< 0.10	109	96.2	
R154	MSL-DP-051-003	30-48"	16-Apr-04	10:34	16-Apr-04	< 0.10	104	105	
R155	MSL-DP-052-001	0-6"	16-Apr-04	10:39	16-Apr-04	< 0.10	104	99.1	
R156	MSL-DP-052-002	24-30"	16-Apr-04	10:42	16-Apr-04	< 0.10	104	110	
R157	MSL-DP-052-003	30-48"	16-Apr-04	10:45	16-Apr-04	< 0.10	104	103	
R158	MSL-DP-053-001	0-6"	16-Apr-04	12:45	16-Apr-04	< 0.10	105	99.2	
R159	MSL-DP-053-002	24-30"	16-Apr-04	12:47	16-Apr-04	< 0.10	104	101	
R160	MSL-DP-053-003	30-48"	16-Apr-04	12:50	16-Apr-04	< 0.10	102	93.9	
R161	MSL-DP-054-001	0-6"	16-Apr-04	14:23	16-Apr-04	< 0.10	103	111	
R162	MSL-DP-054-002	24-30"	16-Apr-04	14:25	16-Apr-04	< 0.10	104	100	
R163	MSL-DP-054-003	30-48"	16-Apr-04	14:27	16-Apr-04	< 0.10	108	107	
R164	MSL-DP-055-001	0-6"	16-Apr-04	14:34	16-Apr-04	< 0.10	104	101	
R165	MSL-DP-055-002	24-30"	16-Apr-04	14:36	16-Apr-04	< 0.10	110	109	
R166	MSL-DP-055-003	30-48"	16-Apr-04	14:38	16-Apr-04	< 0.10	105	111	
R167	MSL-DP-056-001	0-6"	16-Apr-04	15:00	16-Apr-04	< 0.10	102	112	
R168	MSL-DP-056-002	24-30"	16-Apr-04	15:02	16-Apr-04	< 0.10	103	106	
R169	MSL-DP-056-003	30-48"	16-Apr-04	15:05	16-Apr-04	< 0.10	103	92.3	
R170	MSL-Duplicate	-	17-Apr-04	-	17-Apr-04	< 0.10	139	105	A
R171	MSL-DP-057-001	0-6"	17-Apr-04	08:25	17-Apr-04	< 0.10	145	120	A
R172	MSL-DP-057-002	24-30"	17-Apr-04	08:29	17-Apr-04	< 0.10	103	110	
R173	MSL-DP-057-003	30-48"	17-Apr-04	08:30	17-Apr-04	< 0.10	105	104	
R174	MSL-DP-058-001	0-6"	17-Apr-04	08:35	17-Apr-04	< 0.10	151	118	A
R175	MSL-DP-058-002	24-30"	17-Apr-04	08:38	17-Apr-04	< 0.10	106	109	
R176	MSL-DP-058-003	30-48"	17-Apr-04	08:40	17-Apr-04	< 0.10	108	111	
R177	MSL-DP-059-001	0-6"	17-Apr-04	08:48	17-Apr-04	**0.67**	151	109	A
R178	MSL-DP-059-002	24-30"	17-Apr-04	08:50	17-Apr-04	< 0.10	150	123	A
R179	MSL-DP-059-003	30-48"	17-Apr-04	08:52	17-Apr-04	< 0.10	108	110	
R180	MSL-DP-060-001	0-6"	17-Apr-04	09:04	17-Apr-04	**0.58**	147	118	A
R181	MSL-DP-060-002	24-30"	17-Apr-04	09:06	17-Apr-04	< 0.10	108	106	
R182	MSL-DP-060-003	30-48"	17-Apr-04	09:07	17-Apr-04	< 0.10	108	97.5	
R183	MSL-DP-049-004	48-96"	17-Apr-04	10:45	17-Apr-04	< 0.10	109	100	
R184	MSL-DP-061-001	0-6"	17-Apr-04	10:01	17-Apr-04	< 0.10	98.9	98.5	
R185	MSL-DP-061-002	24-30"	17-Apr-04	10:04	17-Apr-04	< 0.10	104	98.1	
R186	MSL-DP-061-003	30-48"	17-Apr-04	10:06	17-Apr-04	< 0.10	100	95.8	

A = Sample acid rinsed.

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arocior 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(%)	Rinse
R187	MSL-DP-062-001	0-6"	17-Apr-04	10:10	17-Apr-04	**0.93**	148	114	A
R188	MSL-DP-062-002	24-30"	17-Apr-04	10:12	17-Apr-04	**0.12**	105	105	
R189	MSL-DP-062-003	30-48"	17-Apr-04	10:15	17-Apr-04	< 0.10	104	96.1	
R190	MSL-DP-063-001	0-6"	17-Apr-04	10:18	17-Apr-04	**1.1**	145	120	A
R191	MSL-DP-063-002	24-30"	17-Apr-04	10:20	17-Apr-04	< 0.10	105	99.6	
R192	MSL-DP-063-003	30-48"	17-Apr-04	10:22	17-Apr-04	< 0.10	104	94.3	
R193	MSL-DP-064-001	0-6"	17-Apr-04	10:26	17-Apr-04	< 0.10	143	126	A
R194	MSL-DP-064-002	24-30"	17-Apr-04	10:28	17-Apr-04	< 0.10	104	97.5	
R195	MSL-DP-064-003	30-48"	17-Apr-04	10:31	17-Apr-04	< 0.10	103	96.3	
R196	MSL-DP-065-001	0-6"	17-Apr-04	11:10	17-Apr-04	**0.33**	140	125	
R197	MSL-DP-065-002	24-30"	17-Apr-04	11:12	17-Apr-04	< 0.10	104	100	
R198	MSL-DP-065-003	30-48"	17-Apr-04	11:15	17-Apr-04	< 0.10	109	103	
R199	MSL-DP-066-001	0-6"	17-Apr-04	11:20	17-Apr-04	< 0.10	103	95.7	
R200	MSL-DP-066-002	24-30"	17-Apr-04	11:22	17-Apr-04	< 0.10	105	100	
R201	MSL-DP-066-003	30-48"	17-Apr-04	11:24	17-Apr-04	< 0.10	104	100	
R202	MSL-DP-067-001	0-6"	17-Apr-04	11:35	17-Apr-04	**0.80**	145	122	A
R203	MSL-DP-067-002	24-30"	17-Apr-04	11:37	17-Apr-04	< 0.10	106	96.2	
R204	MSL-DP-067-003	30-48"	17-Apr-04	11:39	17-Apr-04	< 0.10	110	100	
R205	MSL-DP-068-001	0-6"	19-Apr-04	08:17	19-Apr-04	< 0.10	110	120	
R206	MSL-DP-068-002	24-30"	19-Apr-04	08:18	19-Apr-04	< 0.10	103	106	
R207	MSL-DP-068-003	30-48"	19-Apr-04	08:21	19-Apr-04	< 0.10	99.0	103	
R208	MSL-DP-069-001	0-6"	19-Apr-04	08:28	19-Apr-04	**3.6**	144	122	A
R209	MSL-DP-069-002	24-30"	19-Apr-04	08:30	19-Apr-04	< 0.10	102	102	
R210	MSL-DP-069-003	30-48"	19-Apr-04	08:32	19-Apr-04	< 0.10	99.0	112	
R211	MSL-DP-070-001	0-6"	19-Apr-04	08:36	19-Apr-04	< 0.10	145	135	A
R212	MSL-DP-070-002	24-30"	19-Apr-04	08:38	19-Apr-04	< 0.10	103	100	
R213	MSL-DP-070-003	30-48"	19-Apr-04	08:40	19-Apr-04	< 0.10	97.8	103	
R214	MSL-DP-071-001	0-6"	19-Apr-04	08:45	19-Apr-04	**0.36**	144	130	A
R215	MSL-DP-071-002	24-30"	19-Apr-04	08:47	19-Apr-04	< 0.10	96.5	104	
R216	MSL-DP-071-003	30-48"	19-Apr-04	08:50	19-Apr-04	< 0.10	102	102	
R217	MSL-Duplicate	-	19-Apr-04	-	19-Apr-04	< 0.10	144	135	A
R218	MSL-DP-072-001	0-6"	19-Apr-04	09:53	19-Apr-04	< 0.10	99.7	110	
R219	MSL-DP-072-002	24-30"	19-Apr-04	09:55	19-Apr-04	< 0.10	106	119	
R220	MSL-DP-072-003	30-48"	19-Apr-04	09:58	19-Apr-04	< 0.10	102	107	
R221	MSL-DP-073-001	0-6"	19-Apr-04	10:05	19-Apr-04	< 0.10	100	95.3	
R222	MSL-DP-073-002	24-30"	19-Apr-04	10:07	19-Apr-04	< 0.10	99.6	113	
R223	MSL-DP-073-003	30-48"	19-Apr-04	10:10	19-Apr-04	< 0.10	103	105	
R224	MSL-DP-074-001	0-6"	19-Apr-04	10:14	19-Apr-04	< 0.10	135	122	A
R225	MSL-DP-074-002	24-30"	19-Apr-04	10:16	19-Apr-04	< 0.10	101	106	
R226	MSL-DP-074-003	30-48"	19-Apr-04	10:18	19-Apr-04	< 0.10	103	108	
R227	MSL-DP-075-001	0-6"	19-Apr-04	10:23	19-Apr-04	< 0.10	105	113	
R228	MSL-DP-075-002	24-30"	19-Apr-04	10:26	19-Apr-04	< 0.10	105	104	
R229	MSL-DP-075-003	30-48"	19-Apr-04	10:30	19-Apr-04	< 0.10	103	111	
R230	MSL-DP-076-001	0-6"	19-Apr-04	12:30	19-Apr-04	**3.9**	142	122	A

A = Sample acid rinsed.

Table 1
Kuhlman Electric
Crystal Springs, Mississippi
PCB Concentrations as Arocior 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(%)	Rinse
R231	MSL-DP-076-002	24-30"	19-Apr-04	12:33	19-Apr-04	**0.36**	104	116	
R232	MSL-DP-076-003	30-48"	19-Apr-04	12:36	20-Apr-04	< 0.10	102	114	
R233	MSL-HA-077-001	0-6"	19-Apr-04	12:46	20-Apr-04	< 0.10	145	128	A
R234	MSL-HA-077-002	24-30"	19-Apr-04	12:58	20-Apr-04	< 0.10	106	107	
R235	MSL-DP-078-001	0-6"	19-Apr-04	13:05	20-Apr-04	**0.17**	104	122	
R236	MSL-DP-078-002	24-30"	19-Apr-04	13:08	20-Apr-04	< 0.10	101	106	
R237	MSL-DP-078-003	30-48"	19-Apr-04	13:12	20-Apr-04	< 0.10	104	109	
R238	MSL-DP-079-001	0-6"	20-Apr-04	07:36	20-Apr-04	**3.8**	147	110	A
R239	MSL-DP-079-002	24-30"	20-Apr-04	07:42	20-Apr-04	< 0.10	103	99.3	
R240	MSL-DP-079-003	30-48"	20-Apr-04	07:46	20-Apr-04	< 0.10	106	76.9	
R241	MSL-DP-080-001	0-6"	20-Apr-04	07:49	21-Apr-04	**0.71**	131	94.6	A
R242	MSL-DP-080-002	24-30"	20-Apr-04	07:51	21-Apr-04	< 0.10	108	90.3	
R243	MSL-DP-080-003	30-48"	20-Apr-04	07:54	21-Apr-04	< 0.10	109	73.7	
R244	MSL-DP-081-001	0-6"	20-Apr-04	08:15	20-Apr-04	< 0.10	102	96.9	
R245	MSL-DP-081-002	24-30"	20-Apr-04	08:19	20-Apr-04	< 0.10	97.4	96.2	
R246	MSL-DP-081-003	30-48"	20-Apr-04	08:22	20-Apr-04	< 0.10	103	98.7	
R247	MSL-DP-082-001	0-6"	20-Apr-04	08:30	20-Apr-04	**3.9**	149	124	A
R248	MSL-DP-082-002	24-30"	20-Apr-04	08:33	20-Apr-04	< 0.10	105	82.6	
R249	MSL-DP-083-001	0-6"	20-Apr-04	08:43	20-Apr-04	**0.70**	151	121	A
R250	MSL-DP-083-002	24-30"	20-Apr-04	08:46	20-Apr-04	< 0.10	108	103	
R251	MSL-DP-083-003	30-48"	20-Apr-04	08:50	20-Apr-04	< 0.10	108	104	
R252	MSL-Duplicate	-	20-Apr-04	-	20-Apr-04	**2.9**	132	102	A
R253	MSL-DP-084-001	0-6"	20-Apr-04	12:34	20-Apr-04	< 0.10	143	126	A
R254	MSL-DP-084-002	24-30"	20-Apr-04	12:37	20-Apr-04	< 0.10	107	105	
R255	MSL-DP-084-003	30-48"	20-Apr-04	12:40	20-Apr-04	< 0.10	104	101	
R256	MSL-DP-085-001	0-6"	20-Apr-04	12:42	20-Apr-04	**0.49**	147	123	A
R257	MSL-DP-085-002	24-30"	20-Apr-04	12:44	21-Apr-04	< 0.10	98.6	88.8	
R258	MSL-DP-085-003	30-48"	20-Apr-04	12:46	21-Apr-04	< 0.10	101	95.2	
R259	MSL-DP-086-001	0-6"	20-Apr-04	12:49	21-Apr-04	< 0.10	107	97.7	
R260	MSL-DP-086-002	24-30"	20-Apr-04	12:52	21-Apr-04	< 0.10	104	100	
R261	MSL-DP-086-003	30-48"	20-Apr-04	12:55	21-Apr-04	< 0.10	105	102	
R262	MSL-DP-087-001	0-6"	20-Apr-04	13:04	21-Apr-04	< 0.10	98.5	90.0	
R263	MSL-DP-087-002	24-30"	20-Apr-04	13:07	21-Apr-04	< 0.10	103	95.8	
R264	MSL-DP-087-003	30-48"	20-Apr-04	13:10	21-Apr-04	< 0.10	151	129	A
R265	MSL-DP-088-001	0-6"	20-Apr-04	13:16	21-Apr-04	< 0.10	150	129	A
R266	MSL-DP-088-002	24-30"	20-Apr-04	13:19	21-Apr-04	< 0.10	104	101	
R267	MSL-DP-088-003	30-48"	20-Apr-04	13:22	21-Apr-04	< 0.10	106	102	
R268	MSL-DP-089-001	0-6"	20-Apr-04	14:40	21-Apr-04	**1.3**	145	119	A
R269	MSL-DP-089-002	24-30"	20-Apr-04	14:43	21-Apr-04	< 0.10	106	92.4	
R270	MSL-DP-089-003	30-48"	20-Apr-04	14:46	21-Apr-04	< 0.10	103	95.8	
R271	MSL-DP-090-001	0-6"	20-Apr-04	14:52	21-Apr-04	< 0.10	146	125	A
R272	MSL-DP-090-002	24-30"	20-Apr-04	14:55	21-Apr-04	< 0.10	104	98.7	
R273	MSL-DP-090-003	30-48"	20-Apr-04	14:57	21-Apr-04	< 0.10	106	103	
R274	MSL-DP-091-001	0-6"	20-Apr-04	15:03	21-Apr-04	< 0.10	150	128	A

A = Sample acid rinsed.

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(%)	Rinse
R275	MSL-DP-091-002	24-30"	20-Apr-04	15:06	21-Apr-04	< 0.10	110	92.3	
R276	MSL-DP-091-003	30-48"	20-Apr-04	15:09	21-Apr-04	< 0.10	104	93.5	
R277	MSL-DP-092-001	0-6"	20-Apr-04	15:15	21-Apr-04	**0.44**	138	115	A
R278	MSL-DP-092-002	24-30"	20-Apr-04	15:18	21-Apr-04	< 0.10	110	102	
R279	MSL-DP-092-003	30-48"	20-Apr-04	15:22	21-Apr-04	< 0.10	107	99.6	
R280	MSL-DP-093-001	0-6"	20-Apr-04	15:26	21-Apr-04	< 0.10	108	92.1	
R281	MSL-DP-093-002	24-30"	20-Apr-04	15:29	21-Apr-04	< 0.10	109	101	
R282	MSL-DP-093-003	30-48"	20-Apr-04	15:32	21-Apr-04	< 0.10	103	96.0	
R283	MSL-DP-094-001	0-6"	21-Apr-04	10:45	21-Apr-04	**0.25**	126	78.4	A
R284	MSL-DP-094-002	24-30"	21-Apr-04	10:48	21-Apr-04	< 0.10	100	105	
R285	MSL-DP-094-003	30-48"	21-Apr-04	10:50	21-Apr-04	< 0.10	102	108	
R286	MSL-DP-095-001	0-6"	21-Apr-04	10:58	21-Apr-04	**0.87**	138	92.3	A
R287	MSL-DP-095-002	24-30"	21-Apr-04	11:02	21-Apr-04	< 0.10	100	105	
R288	MSL-DP-095-003	30-48"	21-Apr-04	11:05	21-Apr-04	< 0.10	98.9	103	
R289	MSL-Duplicate	-	21-Apr-04	-	21-Apr-04	**0.26**	133	87.7	A
R290	MSL-DP-096-001	0-6"	28-Apr-04	08:04	28-Apr-04	**0.88**	136	129	A
R291	MSL-DP-096-002	24-30"	28-Apr-04	08:45	28-Apr-04	< 0.10	101	110	
R292	MSL-Duplicate	-	28-Apr-04	-	28-Apr-04	**0.79**	129	120	A
R293	MSL-DP-097-001	0-6"	30-Apr-04	13:35	30-Apr-04	< 0.10	98.9	114	
R294	MSL-DP-097-002	24-30"	30-Apr-04	13:38	30-Apr-04	< 0.10	99.4	115	
R295	MSL-DP-098-001	0-6"	30-Apr-04	13:43	30-Apr-04	< 0.10	101	119	
R296	MSL-DP-098-002	24-30"	30-Apr-04	13:46	30-Apr-04	< 0.10	97.4	119	
R297	MSL-DP-099-001	0-6"	30-Apr-04	13:50	30-Apr-04	< 0.10	133	104	A
R298	MSL-DP-099-002	24-30"	30-Apr-04	13:54	30-Apr-04	< 0.10	98.9	116	
R299	MSL-DP-100-001	0-6"	30-Apr-04	14:50	30-Apr-04	< 0.10	145	118	A
R300	MSL-DP-100-002	24-30"	30-Apr-04	14:55	30-Apr-04	< 0.10	96.5	116	
R301	MSL-DP-101-001	0-6"	30-Apr-04	16:00	30-Apr-04	< 0.10	101	136	
R302	MSL-DP-101-002	24-30"	30-Apr-04	16:03	30-Apr-04	< 0.10	104	109	
R303	MSL-DP-102-001	0-6"	30-Apr-04	16:07	30-Apr-04	< 0.10	139	119	A
R304	MSL-DP-102-002	24-30"	30-Apr-04	16:10	30-Apr-04	< 0.10	98.3	106	

A = Sample acid rinsed.

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(%)
W840	MSL-RS-001	-	1-Apr-04	17:00	6-Apr-04	< 0.25	84.8	75.8
W841	MSL-RS-002	-	1-Apr-04	17:01	6-Apr-04	< 0.25	84.2	80.5
W847	MSL-RS-003	-	13-Apr-04	09:05	13-Apr-04	< 0.25	98.5	112
W848	MSL-RS-004	-	13-Apr-04	09:06	13-Apr-04	< 0.25	94.6	106
W849	MSL-RS-005	-	13-Apr-04	09:07	15-Apr-04	< 0.25	98.9	100
W850	MSL-RS-006	-	13-Apr-04	09:10	15-Apr-04	< 0.25	100	101
W851	MSL-FB-001	-	13-Apr-04	12:25	15-Apr-04	< 0.25	106	99.3
W852	MSL-RS-007	-	19-Apr-04	07:30	19-Apr-04	< 0.25	110	102
W853	MSL-RS-008	-	19-Apr-04	07:32	19-Apr-04	< 0.25	112	107
W854	MSL-RS-009	-	19-Apr-04	07:40	19-Apr-04	< 0.25	103	97.1
W855	MSL-RS-010	-	19-Apr-04	07:42	19-Apr-04	< 0.25	110	105
W858	MSL-FB-002	-	19-Apr-04	08:10	19-Apr-04	< 0.25	103	100
W859	MSL-RS-011	-	28-Apr-04	08:00	28-Apr-04	< 0.25	104	102
W860	MSL-RS-012	-	28-Apr-04	08:02	28-Apr-04	< 0.25	107	103
W861	MSL-RS-013	-	28-Apr-04	08:04	28-Apr-04	< 0.25	102	101
W862	MSL-RS-014	-	28-Apr-04	8:06	28-Apr-04	< 0.25	104	106
W863	MSL-FB-003	-	28-Apr-04	8:35	28-Apr-04	< 0.25	91.2	81.9

Table 3
QC Results

Lab # associated with qc samples: R011 through R027

	Matrix Spike R012		Matrix Spike Duplicate R012			Blank 733	LCS 733
Date Analyzed:	4/1/04		4/1/04			4/1/04	4/1/04
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	80.9		113		-33%	< 0.10	90.8

Table 3
QC Results

Lab # associated with qc samples: R028 through R030

	Matrix Spike R028	Matrix Spike Duplicate R028	Blank 734	LCS 734
Date Analyzed:	4/2/04	4/2/04	4/2/04	4/2/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	96.4		95.5		1%	< 0.10	98.1

Table 3
QC Results

Lab # associated with qc samples: R031 through R046

	Matrix Spike R031	Matrix Spike Duplicate R031	Blank 739	LCS 739
Date Analyzed:	4/14/04	4/14/04	4/13/04	4/13/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	89.1		78.2		13%	< 0.10	96.7

Table 3
QC Results

Lab # associated with qc samples: R047 through R066

	Matrix Spike R048	Matrix Spike Duplicate R048		Blank 740	LCS 740
Date Analyzed:	4/14/04	4/14/04		4/14/04	4/14/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	111		108		3%	< 0.10	96.8

Table 3
QC Results

Lab # associated with qc samples: R067 through R086

	Matrix Spike R067	Matrix Spike Duplicate R067	Blank 741	LCS 741
Date Analyzed:	4/15/04	4/15/04	4/14/04	4/14/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	104		102		2%	< 0.10	103

Table 3
QC Results

Lab # associated with qc samples: R087 through R092

	Matrix Spike R089	Matrix Spike Duplicate R089	Blank 742	LCS 742
Date Analyzed:	4/15/04	4/15/04	4/15/04	4/15/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	98.3		96.2		2%	< 0.10	94.7

Table 3
QC Results

Lab # associated with qc samples: R093 through R112

	Matrix Spike R104	Matrix Spike Duplicate R104	Blank 743	LCS 743
Date Analyzed:	4/15/04	4/15/04	4/15/04	4/15/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	94.6		94.7		0%	< 0.10	100

Table 3
QC Results

Lab # associated with qc samples: R113 through R132

	Matrix Spike R120	Matrix Spike Duplicate R120		Blank 744	LCS 744
Date Analyzed:	4/15/04	4/15/04		4/15/04	4/15/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	82.3		81.3		1%	< 0.10	98.5

Table 3
QC Results

Lab # associated with qc samples: R133 through R152

	Matrix Spike R139	Matrix Spike Duplicate R139		Blank 745	LCS 745
Date Analyzed:	4/16/04	4/16/04		4/16/04	4/16/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	112		108		4%	< 0.10	105

Table 3
QC Results

Lab # associated with qc samples: R153 through R169

	Matrix Spike R156	Matrix Spike Duplicate R156		Blank 746	LCS 746
Date Analyzed:	4/17/04	4/17/04		4/16/04	4/16/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	106		104		2%	< 0.10	103

Table 3
QC Results

Lab # associated with qc samples: R170 through R182
R184 through R190

	Matrix Spike R170	Matrix Spike Duplicate R170	Blank 747	LCS 747
Date Analyzed:	4/17/04	4/17/04	4/17/04	4/17/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	119		133		-11%	< 0.10	99.1

Table 3
QC Results

Lab # associated with qc samples: R183 and
R191 through R204

	Matrix Spike R195	Matrix Spike Duplicate R195	Blank 748	LCS 748
Date Analyzed:	4/17/04	4/17/04	4/17/04	4/17/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	97.6		103		-5%	< 0.10	99.7

Table 3
QC Results

Lab # associated with qc samples: R205 through R224

	Matrix Spike R214		Matrix Spike Duplicate R214			Blank 749	LCS 749
Date Analyzed:	4/19/04		4/19/04			4/19/04	4/19/04
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	120		120		0%	< 0.10	117

Table 3
QC Results

Lab # associated with qc samples: R225 through R237

	Matrix Spike R224 [a]	Matrix Spike Duplicate R224 [a]		Blank 750	LCS 750
Date Analyzed:	4/19/04	4/19/04		4/19/04	4/19/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	148		145		2%	< 0.10	111

[a] = Sample acid rinsed.

Table 3
QC Results

Lab # associated with qc samples: R238 through R257

	Matrix Spike R245	Matrix Spike Duplicate R245		Blank 751	LCS 751
Date Analyzed:	4/20/04	4/20/04		4/20/04	4/20/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	105		108		-3%	< 0.10	109

Table 3
QC Results

Lab # associated with qc samples: R258 through R277

	Matrix Spike R272	Matrix Spike Duplicate R272		Blank 752	LCS 752
Date Analyzed:	4/21/04	4/21/04		4/20/04	4/20/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	98.0		100		-2%	< 0.10	113

Table 3
QC Results

Lab # associated with qc samples: R278 through R282

	Matrix Spike R282	Matrix Spike Duplicate R282	Blank 753	LCS 753
Date Analyzed:	4/21/04	4/21/04	4/21/04	4/21/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	107		109		-2%	< 0.10	104

Table 3
QC Results

Lab # associated with qc samples: R283 through R289

	Matrix Spike R285	Matrix Spike Duplicate R285		Blank 754	LCS 754
Date Analyzed:	4/21/04	4/21/04		4/21/04	4/21/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	120		113		6%	< 0.10	118

Table 3
QC Results

Lab # associated with qc samples: R290 through R292

	Matrix Spike AA014	Matrix Spike Duplicate AA014	Blank 755	LCS 755
Date Analyzed:	4/28/04	4/28/04	4/28/04	4/28/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	97.3		98.2		-1%	< 0.10	117

Table 3
QC Results

Lab # associated with qc samples: R293 through R304

	Matrix Spike R300	Matrix Spike Duplicate R300	Blank 761	LCS 761
Date Analyzed:	4/30/04	4/30/04	4/30/04	4/30/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	109		103		6%	< 0.10	110

Table 4
QC Results

Lab # associated with qc samples: W840 through W841

	Matrix Spike W841	Matrix Spike Duplicate W841		Blank	LCS
Date Analyzed:	4/6/04	4/6/04		4/6/04	4/6/04

Compound	% Rec		% Rec		% RPD	ug/L	% Rec
PCB as 1260	104		98.7		5%	< 0.25	104

Table 4
QC Results

Lab # associated with qc samples: W847 through W851

	Matrix Spike W845		Matrix Spike Duplicate W845			Blank	LCS
Date Analyzed:	4/13/04		4/13/04			4/13/04	4/13/04
Compound	% Rec		% Rec		% RPD	ug/L	% Rec
PCB as 1260	119		119		0%	< 0.25	45.5

Table 4
QC Results

Lab # associated with qc samples: W852 through W858

	Matrix Spike W855		Matrix Spike Duplicate W855			Blank	LCS
Date Analyzed:	4/19/04		4/19/04			4/19/04	4/19/04
Compound	% Rec		% Rec		% RPD	ug/L	% Rec
PCB as 1260	120		113		6%	< 0.25	123

Table 4
QC Results

Lab # associated with qc samples: W859 through W863

	Matrix Spike W859		Matrix Spike Duplicate W859			Blank	LCS
Date Analyzed:	4/28/04		4/28/04			4/28/04	4/28/04
Compound	% Rec		% Rec		% RPD	ug/L	% Rec
PCB as 1260	106		112		-6%	< 0.25	111

Appendix A

Chain of Custody Sheets for mobile lab PCB analysis MSL Samples

1APO4

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
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CHAIN OF CUSTODY

MSC LEASING

No. 007264 *

Page 1 of 2

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS, MS
Sampled By (Print):	RICHARD BEACE

Mail Report To:	
Company:	MARTIN-SCAGLE
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-HSA-004-001	4/2/04	0900	S	1	NA	PCB's	16-18'	R011	R011
↓ -002		0908					18-20'		R012
-005-001		1005					16-18'		R013
↓ -002		1015					18-20'		R014
↓ -003		1019					20-22'		R015
-006-001		1055			↓		16-18'		R016
↓ -002		1100					18-20'		R017
DUPLICATE		—					—		R018
-007-001 (1)		1346					18-20'		R019
-002		1340					16-18'		R020
↓ -003		1355					21-23'		R021
↓ -008-001	↓	1435	↓	↓	↓	↓	19-21'		R022

1APO4

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

Relinquished By:	Date/Time: 4-1-04 14:45	Received By: RJ Olson 1APO4 Date/Time: 1450
Relinquished By:	Date/Time:	Received By: Date/Time:

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

Shipped Via:

Receipt Temp:
Temp Blank Y N

(1) 1APO4

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LAP04

CHAIN OF CUSTODY

HSL LEASING

No. 007267 *

Page 2 of 2

Project Number:	
Project Name: RUHLMAN ELECTRIC	
Project Location: CRYSTAL SPRINGS, MS	
Sampled By (Print): RICHARD BEALE	

Mail Report To:	
Company: MARTIN ENGINEER	
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
HSL-HSA-008-002	4/1/04	1445	S	1	NA	PCB's DEPTH 22-24'		R023
009-001		1550				20-22		R024
↓ -002		1555				22-24		R025
010-001		1712				20-22		R026
↓ -002	↓	1715	↓	↓	↓	22-24		R027

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

Relinquished By: Richard Beale	Date/Time: 4-1-04 17:25	Received By: R Johnson LAP04	Date/Time: 1730
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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2APO4

CHAIN OF CUSTODY

MSL LEASING

No. 007266 *

Page 1 of 1

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

Sample Description (2APO4)	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested (DRY)	Comments	Laboratory Number
MSL-HSA-001-005	2APO4	0915	S	1	HA	PCB 21-23'		R028
" " -005	"	0920	"	"	"	23-25'		R029
" " -DUPLICATE	"	—	"	"	"	—		R030

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: Richard Beal	Date/Time: 4-2-04 09:50	Received By: R Jolson 2APO4	Date/Time: 1000
	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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3 APOC

CHAIN OF CUSTODY

MSL

No. 007274 *

Page 1 of 2

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-HA-011-001	13APR04	1226	S	1	NA	PCB's	0-6"		R031
" " -002	"	1240	"	"	"	"	24-30"		R032
" " -012-001	"	1300	"	"	"	"	0-6"		R033
MSL-DP-013-001		1500					0-6"		R034
-002		1505					24-30"		R035
-003		1508					30-48"		R036
-014-001		1512					0-6"		R037
-002		1514					24-30"		R038
-003		1516					30-48"		R039
-015-001		1525					0-6"		R040
-002		1527					24-30"		R041
-003		1529					30-48"		R042

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

Relinquished By:	Date/Time: 4/13/04 15:40	Received By:	Date/Time: 1539
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

MSL

No. 007292 *

Page 2 of 2

Turn Around (circle one) Normal Rush
Report Due:

Project Number:		Mail Report To:	Invoice To:
Project Name:	KUHLMAN ELECTRIC	Company: MARTIN + SLAGLE	Company:
Project Location:	CRYSTAL SPRINGS, MISS	Address:	Address:
Sampled By (Print):	RICHARD BRACH		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	De PTH	Comments	Laboratory Number
MSL-DP-016-001	4/13/4	1534	S	1	NA	PCB's	0-6"		R043
MSL-DP-016-002		1536					24-30"		R044
↓ ↓ ↓ -003		1538					30-48"		R045
MSL-DP-DUPE		—					—		R046

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

Relinquished By: Richard Brach	Date/Time: 4/13/04 16:55	Received By: R Johnson 13APO4	Date/Time: 1700
Relinquished By:	Date/Time:	Received By:	Date/Time:

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

MSL

No. 007291 *

Page 1 of 4

Turn Around (circle one) Normal Rush
Report Due:
Invoice To:
Company:
Address:

R.O. No.: Quote No.:

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

Mail Report To:
Company: MARTIN + ~~SLAGLE~~ NOL SLAGLE
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-DP-017-001	4/14/4	0830	S	1	NA	PCB's	0-6"		R047
-002		0833					24-30"		R048
-003		0837					30-96"		R049
18-001		0844					0-6"		R050
-004		0854					48-96"		R051
-005		0902					96-120"		R052
19-001		0912					0-6"		R053
-002		0916					~~24-30" 30-48"~~	~~By 15APO4~~	R054
-003		0918					30-48" ~~24-30"~~		R055
20-001		0920					0-6"		R056
-002		0922					24-30"		R057
-003		0924					30-48"		R058

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

Relinquished By: Richard Beale
Date/Time: 4/14/04 1935
Received By: R Gibson 14APR04
Date/Time: 0940

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. 007283 *

Page 2 of 4

MSL

Project Number:	
Project Name:	Kuhlman Electric
Project Location:	Crystal Springs, MS
Sampled By (Print):	Richard Beale

Mail Report To:	
Company:	Martin + Slagle
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-Dupe	4/14/04	—	S	1	NA	PCB's	—		R059
MSL-DP-021-001	4/14/04	1025					0-6"		R060
-002		1028					24-30"		R061
-003		1030					30-48"		R062
-022-001		1034					0-6"		R063
-002		1036					24-30"		R064
-003		1038					30-48"		R065
-023-001		1040					0-6"		R066
-002		1042					24-30"		R067
-003		1044					30-48"		R068
-024-001		12:30					0-6"		R069
-002		12:33					24-30"		R070

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

Relinquished By:		Date/Time: 4/14/04 12:39	Received By: 14 APR 04	Date/Time: 1240
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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14A804

CHAIN OF CUSTODY

No. 007294 *

MSL

Page 3 of 4

Project Number:		Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: KOHLMAN ELECTRIC		Company: MARTIN + SCHMIDT	Report Due:
Project Location: CRYSTAL SPRINGS, OIL		Address:	Invoice To:
Sampled By (Print): RICHARD BEALE			Company:
			Address:
			P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth	Comments	Laboratory Number
MSL-DP-024-003	4/14/4	12:35	S	1	NA	PCB's	30-48"		R071
025-001		12:42					0-6"		R072
-002		12:44					24-30"		R073
-003		12:46					30-48"		R074
026-001		12:52					0-6"		R075
-002		12:54					24-30"		R076
-003		12:56					30-48"		R077
027-001		13:02					0-6"		R078
-002		13:04					24-30"		R079
-004		1308					48-96"		R080
028-001		1435					0-6"		R081
-002		1438					24-30"		R082

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

Relinquished By: Richard Beale	Date/Time: 4/14/04 15:35	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By: Nick Loomis	Date/Time: 4/14/04 1540

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

MSL

No. 007295

Page 4 of 4

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL- DP- 028 - 003	4/13/04	1440	S	1	NA	PCB's	30-48"		R083
- 029 - 001		1445					0-6"		R084
- 002		1447					24-30"		R085
- 003		1450					30-48"		R086
- 030 - 001		1455					0-6"		R087
- 002		1457					24-30"		R088
- 003		1500					30-48"		R089
- 031 - 001		1505					0-6"		R090
002		1507					24-30"		R091
003		1510					30-48"		R092

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

Relinquished By:		Date/Time: 4/14/04 15:35	Received By: NICK LOVANS
Relinquished By:		Date/Time:	Received By:
Custody Seal: Present/Absent	Intact/Not Intact	Seal #'s	Receipt Temp:
Shipped Via:			Temp Blank Y N

Date/Time: 4/14/04 1540

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CHAIN OF CUSTODY

MSL

No. 007296 *

Page 1 of 4

Project Number:
Project Name: KUHLMAN ELECTRIC
Project Location: CRYSTAL SPRINGS MS
Sampled By (Print): RICHARD BEALE

Mail Report To:
Company: MARTIN & SCHAGER
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 DEPTH	Comments	Laboratory Number
MSL-DP-032-001	4/15/04	0815	S	1	NA	PCB[2] 0-6[a]		R093
-002		0817				24-30"		R094
-003		0820				30-48"		R095
-033-001		0826				0-6"		R096
-002		0828				24-30"		R097
-003		0830				30-48"		R098
-034-001		0834				0-6"		R099
-002		0836				24-30"		R100
-003		0840				30-48"		R101
-035-001		0850				0-6"		R102
-002		0853				24-30"		R103
-003		0855				30-48"		R104

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

Relinquished By: Richard Beale
Date/Time: 4/15/04 09:08
Received By: R Pelan 15APR04
Date/Time: 0910

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

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via:
Receipt Temp:
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① to 15APR04 WRONG Date

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15APO4

CHAIN OF CUSTODY

MSL

No. 007297

Page 2 of 4

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN LSCAGCE
Project Location: CRYSTAL SPRINGS MS	Address:
Sampled By (Print): RICHARD B BACE	

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
MSL DUPLICATE	15APO4	—	S	1	NA	PCB's — DEPTH		R105
MSL-HA-036-001		11:00				0-6"		R106
MSL-HA-036-002		11:05				24-30"		R107
MSL-DP-037-001		12:50				0-6"		R108
-002		1252				24-30"		R109
-003		1255				30-48"		R110
-038-001		1257				0-6"		R111
-002		1258				24-30"		R112
-003		1300				30-48"		R113
-039-001		1306				0-6"		R114
-002		1308				24-30"		R115
-003		1310				30-48"		R116

*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]	4/16/04 1315	R Polson 15APO4	1320
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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15 April
1 MSC

CHAIN OF CUSTODY

No. 007300 *

Page 3 of 4

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS, MS
Sampled By (Print):	RICHARD BEALE

Mail Report To:	
Company:	MANN + SLAGLE
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth	Comments	Laboratory Number
MSL - DP - 040 - 001	4/15/4	13:20	S	~~NA~~ 2a	NA	PCB's	0-6"		R117
- 040 - 002		1322					24-30"		R118
- 040 - 003		1326					30-48"		R119
- 040 - 004		1330					48-96"		R120
- 041 - 001		1435					0-6"		R121
- 041 - 002		1438					24-30"		R122
- 041 - 003		1440					30-48"		R123
- 042 - 001		1442					0-6"		R124
- 002		1444					24-30"		R125
- 003		1446					30-48"		R126
- 043 - 001		1900					0-6"		R127
- 002		1503					24-30"		R128

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

Relinquished By:	Richard Beale	Date/Time:	4/15/04 1515
Relinquished By:		Date/Time:	
Received By:	NICK LOOMIS 15 AP 04	Date/Time:	1520
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

MSC

No. 007298 *

Page 4 of 4

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN + SLAGLE
Project Location: CRYSTAL SPRINGS, MO	Address:
Sampled By (Print): RICHARD BEALE	

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	Comments	Laboratory Number
MSC-DP-043-003	4/15/04	1505	S	1	NA	PCB's	30-48"		R129
-044-001		1510					0-6"		R130
-002		1513					24-30"		R131
-003		1515					30-48"		R132

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

Relinquished By: Richard Beale	Date/Time: 4/15/04 1530	Received By: Richard W Jobe 15APR04	Date/Time: 1535
Relinquished By:	Date/Time:	Received By:	Date/Time:

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16 AP 04

CHAIN OF CUSTODY

MSL

No. 007299 *

Page 1 of 4

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN-SEAGLE
Project Location: CRYSTAL SPRINGS, MS	Address:
Sampled By (Print): RICHARD BEALE	

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	Comments	Laboratory Number
MSL-DP-045-001	4/16/04	08:15	S	1	NA	PCB'S	0-6"		R133
-002		08:18					24-30"		R134
-003		08:20					30-48"		R135
-046-001		08:25					0-6"		R136
-002		08:27					24-30"		R137
-003		08:30					30-48		R138
-047-001		08:35					6-6"		R139
-002		08:37					24-30"		R140
-003		08:40					30-48"		R141
-048-001		08:50					0-6"		R142
-002		08:53					24-30"		R143
-003		08:56					30-48"		R144

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

Relinquished By: Richard Beale	Date/Time: 4/16/04 08:59	Received By: NICK LOOMS	Date/Time: 4/16/04 09:00
Relinquished By:	Date/Time:	Received By:	Date/Time:

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CHAIN OF CUSTODY

MSL

No. 007301 *

Page 2 of 4

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS, MS
Sampled By (Print):	RICHARD BEALE

Mail Report To:	
Company:	MARTIN & SLAGLE
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL DUPE	4/16/04	—	S	~~1~~ 4	NA	PCB's	—		R145
MSL-DP-049-001		10:06					0-6"		R146
-002		10:08					24-30"		R147
-003		10:10					30-48"		R148
-050-001		10:20					6-6"		R149
-002		10:23					24-30"		R150
-003		10:25					30-48"		R151
-051-001		10:30					0-6"		R152
-002		10:32					24-30"		R153
-003		10:34					30-48"		R154
-052-001		10:39					0-6"		R155
-002		10:42					24-30"		R156

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

Relinquished By:	Richard Beale	Date/Time:	4/16/04 1048
Relinquished By:		Date/Time:	
Received By:	Mike Loomis	Date/Time:	1050 4/16/04
Received By:		Date/Time:	

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16 APR 04

CHAIN OF CUSTODY

MSC

No. 007302

Page 3 of 4

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & LAGCO
Project Location: CRYSTAL SPRINGS MS	Address:
Sampled By (Print): RICHARD BEALE	

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
MSL-DP-052-003	16 APR 04	1045	S	1	NA	PCB's DEPTH 30-48"		R157
-053-001		1245				0-6"		R158
-002		1247				24-30"		R159
-003		1250				30-48"		R160
-054-001		1423				0-6"		R161
-002		1425				24-30"		R162
-003		1427				30-48"		R163
-055-001		1434				0-6"		R164
-002		M36				24-30"		R165
-003		M38				30-48"		R166
-056-001		1500				0-6"		R167
-002		1502				24-30"		R168

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

Relinquished By: Richard Beale — Date/Time: 4/16/04 15:08
Received By: R Dixon 16 APR 04 1510 — Date/Time: 16 APR 04
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. 007313 *

Page 1 of 1

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MSL-DP-056-003	16APR04	1505	S	1	NA	PCB's Depth 30-48"		2169

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

Relinquished By: Richard Beale	Date/Time: 4/16/04 15:17	Received By: Nick Loomis	Date/Time: 4/16/04 1520
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via:
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17 AP 04

CHAIN OF CUSTODY

MSL

No. 007312 *

Page 1 of 3

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): RICHARD GRALE

Mail Report To:

Company: MARTIN + SLAGLE

Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth	Comments	Laboratory Number
MSL - DUPE	4/14/04	—	S	1	NA	PCB's	—		R170
MSL-DP-057-001		0825					0-6"		R171
-002		0829					24-30"		R172
-003		0830					30-48"		R173
-058-001		0835					0-6"		R174
-002		0838					24-30"		R175
-003		0840					30-48"		R176
-059-001		0848					0-6"		R177
-002		0850					24-30"		R178
-003		0852					30-48"		R179
-060-001		0904					0-6"		R180
-002		0906					24-30"		R181

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

Relinquished By: Richard Beale — Date/Time: 4/17/04 09:13

Received By: Nick Loomis — Date/Time: 4/17/04 0915

Relinquished By: — Date/Time:

Received By: — Date/Time:

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CHAIN OF CUSTODY

No. 007311 *

Page 2 of 3

Project Number:	
Project Name: KUHLMAN ELECTRIC	
Project Location: CRYSTAL SPRINGS, MS	
Sampled By (Print): RICHARD [illegible]	

Mail Report To:	
Company: MARTIN + SLAGLE	
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth	Comments	Laboratory Number
MSL - DP - 060 - 003	4/17/04	0907	S	1	NA	PCB's	30-48"		R182
MSL - DP - 049 - 004		10:45					48-96"		R183
- 061 - 001		10:01					0-6"		R184
- 002		10:04					24-30"		R185
- 003		10:06					30-48"		R186
- 062 - 001		10:10					0-6"		R187
- 002		10:12					24-30"		R188
- 003		10:15					30-48"		R189
- 063 - 001		10:18					0-6"		R190
- 002		10:20					24-30"		R191
- 003		10:22					30-48"		R192
- 064 - 001		10:26					0-6"		R193

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

Relinquished By: [signature]	Date/Time: 4/17/04 10:34	Received By: Mick Loomis	Date/Time: 4/17/04 10:36
Relinquished By:	Date/Time:	Received By:	Date/Time:

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CHAIN OF CUSTODY

No. 007309 *

Page 3 of 3

Project Number:	
Project Name: KUHLMAN ELECTRIC	
Project Location: CRYSTAL SPRINGS, MS	
Sampled By (Print): RICHARD BLAKE	

Mail Report To:	
Company: MARTIN & SLAGLE	
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-DP-064-002	4/17/04	10:28	S	1	NA	PCB's	24-30"		R194
-003		10:31					30-48"		R195
-065-001		11:10					0-6"		R196
-002		11:12					24-30"		R197
-003		11:15					30-48"		R198
-066-001		11:20					0-6"		R199
-002		11:22					24-30"		R200
-003		1124					30-48"		R201
-67-001		11:35					0-6"		R202
-002		1137					24-30"		R203
-003		1139					30-48"		R204

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

Relinquished By:	Date/Time: 4/17/04 1148	Received By: 17APR04 1150
Relinquished By:	Date/Time:	Received By: Date/Time:

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CHAIN OF CUSTODY

MSL

No. 007310 *

Page 1 of 3

Project Number:	
Project Name:	KUHLMAN ELECTRIC
Project Location:	CRYSTAL SPRINGS, MS
Sampled By (Print):	

Mail Report To:	
Company:	MARTIN + SLAGLE
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth	Comments	Laboratory Number
MSL-DP-068-001	4/19/04	0817	S	1	NA	PCB's	0-6"		R205
-002		0818					24-30"		R206
-003		0821					30-48"		R207
069-001		0828					0-6"		R208
-002		0830					24-30"		R209
-003		0832					30-48"		R210
070-001		0836					0-6"		R211
-002		0838					24-30"		R212
-003		0840					30-48"		R213
071-001		0845					0-6"		R214
-002		0847					24-30"		R215
-003		0850					30-48"		R216

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

Relinquished By:	Luke Beck	Date/Time:	4/19/04 0859
Received By:	Nick Loomis	Date/Time:	4/19/04 0900
Relinquished By:		Date/Time:	
Received By:		Date/Time:	

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

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CHAIN OF CUSTODY

MSL

No. 007306 *

Page 2 of 3

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MSL - DUPE	4/19/04	—	S	1	NA	PCB's Dep Int —		R217
MSL - DP - 072 - 001		0953				0-6"		R218
-002		0955				24-30"		R219
-003		0958				30-48"		R220
-073 - 001		1005				0-6"		R221
-002		1007				24-30"		R222
-003		1010				30-48"		R223
-074 - 001		1014				0-6"		R224
-002		1016				24-30" 30-48"		R225
-003		1018				30-48"		R226
-075 -001		1023				0-6"		R227
-002		1026				24-30"		R228

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

Relinquished By:	Date/Time: 4/19/04 10:44	Received By: Nick Lamb	Date/Time: 4/19/04 10:45
Relinquished By:	Date/Time:	Received By:	Date/Time:

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CHAIN OF CUSTODY

MSL

No. 007305 *

Page 3 of 3

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

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	Comments	Laboratory Number
MSL-DP-075-003	4/9/04	1030	S	1	NA	PCB's	30-48"		R229
MSL-DP-076-001		1230					0-6"		12230
-002		1233					24-30"		R231
-003		1236					30-48"		R232
MSL-HA-077-001		1246					0-6"		R233
-002		1258					24-30"		R234
MSL-DP-078-001		1305					0-6"		R235
-002		1308					24-30"		R236
-003		1312					30-48"		R237

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

Relinquished By: Linda Beck	Date/Time: 4/19/04 13:18	Received By: Vicki Loomis	Date/Time: 4/19/04 1320
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. 007304 *

Page 1 of 4

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN + SLAGLE
Project Location: CRYSTAL SPRINGS, MS	Address:
Sampled By (Print): RICHARD BEALE	

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	Comments	Laboratory Number
MSL-DP-079-001	4/20/04	0736	S	1	NA	PCB's	0-6"		R238
-002		0742					24-30"		R239
-003		0746					30-48"		R240
MSL-DP-080-001		0749					0-6"		R241
-002		0751					24-30"		R242
-003		0754					30-48"		R243
-081-001		0815					0-6"		R244
-002		0819					24-30"		R245
-003		0822					30-48"		R246
-082-001		0830					0-6"		R247
-002		0833					24-30"		R248
-083-001		0843					0-6"		R249

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

Relinquished By: Richard Beale	Date/Time: 4/20/04 08:55	Received By: NICK LOOMIS	Date/Time: 4/21/04 0900
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
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Turn Around (circle one) Normal Rush

Report Due:

Project Number:

Project Name: KUHLMAN ELECTRIC

Project Location: CRYSTAL SPRINGS, MS

Sampled By (Print): RICHARD BEALE

Mail Report To:

Company: MARTIN + SLAGLE

Address:

Invoice To:

Company:

Address:

P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MSL-DP-083-002	4/20/04	0846	S	1	NA	PCB's DePTH 24-30"		R250
↓ ↓ ↓ -003	↓	0850	↓	↓	↓	30-48"		R251
MSL - DUPE	4/20/04	—	S	1	NA	—		R252
MSL-DP-084-001	4/20/04	1234				0-6"		R253
-002		1237				24-30"		R254
-003		1240				30-48"		R255
-085-001		1242				0-6"		R256
-002		1244				24"-30"		R257
-003		1246				30-48"		R258
-086-001		1249				0-6"		R259
-002		1252				24-30"		R260
-003		1255				30-48"		R261

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

Relinquished By: Richard Beale Date/Time: 4/20/04 13:09

Received By: NICK LOOMIS Date/Time: 4/20/04 1330

Relinquished By: Date/Time:

Received By: Date/Time:

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

Shipped Via:

Receipt Temp:

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CHAIN OF CUSTODY

No. 007314 *

Page 3 of 6

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth	Comments	Laboratory Number
MSL-DP-087-001	4/20/04	1304	S	1	NA	PCB's	0-6"		R262
-002		1307					24-30"		R263
-003		1310					30-48"		R264
-088-001		1316					0-6"		R265
-002		1319					24-30"		R266
-003		1322					30-48"		R267
-89-001		1440					0-6"		R268
-002		1443					24-30"		R269
-003		1446					30-48"		R270
-90-001		1452					0-6"		R271
-002		1455					24-30"		R272
-003		1457					30-48"		R273

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

Relinquished By: Richard Beale	Date/Time: 4/20/04 15:04	Received By: NICK LOOMIS	Date/Time: 4/21/04 1505
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

20 AP

Environmental Chemistry Consulting Services, Inc.

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

CHAIN OF CUSTODY

MSL

No. 007315 *

Page 4 of 4

Project Number:	
Project Name: Kuhlman Electric	
Project Location: Crystal Springs, MS	
Sampled By (Print): Richard Beale	

Mail Report To:	
Company: Martin + Slagle	
Address:	

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-DP-091-001	4/20/04	1503	S	1	NA	PCB's	0-6"		R274
-002		1506					24-30"		R275
-003		1509					30-48"		R276
-092-001		1515					0-6"		R277
-002		1518					24-30"		R278
-003		1522					30-48"		R279
-093-001		1526					0-6"		R280
-002		1529					24-30"		R281
-003		1532					30-48"		R282

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

Relinquished By: Richard Beale	Date/Time: 4/20/04 15:49	Received By: Nick Loomis	Date/Time: 4/20/04 1550
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

21 MSL

Environmental Chemistry Consulting Services, Inc.

2529 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY No. 007317

Page 2 of

Project Number:	Mail Report To:
Project Name: Kuhlman Electric	Company: MARTIN + MAGIC
Project Location: CRYSTAL SPRINGS, MS	Address:
Sampled By (Print):	

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	Comments	Laboratory Number
MW-001 - 004 - 001	4/21/04	1045	S	1	NP	PCB's	0-6"		R285
-002		1048					24-36"		R284
-003		1050					30-48"		R285
-005 - 001		1058					0-6"		R286
-002		1102					24-30"		R287
-003		1105					30-48"		R288
MSC - DUPE		—					—		R269

*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]	4/21/04 11:30	NICK LOOMIS	4/21/04 1120
Relinquished By:	Date/Time:	Received By:	Date/Time:

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

Receipt Temp:
Temp Blank Y N

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

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4389

MSL

CHAIN OF CUSTODY

28APR04

No. 007321 *

Page 1 of 1

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MSL-DP-096-001	4/28/04	0804	S	1	HA	PCB's DEPTH 0-6"		R290
↓ ↓ ↓ 002	↓	0845	↓	↓	↓	↓ 24-30"		R291
MSL-DUP DP-DUPE	↓	—	↓	↓	↓	↓ —		R292
R29APR04								

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

Relinquished By: Richard Beach	Date/Time: 4/28/04 0854	Received By: A Jolson 28APR04	Date/Time: 0853
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

30AP04

MSL

No. 008672 *

Page 1 of 1

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-DP-097-001	30AP04	1335	S	1	NA	PCB	0-6"		R293
-002	↓	1338	↓	↓	↓	↓	24-30"		R294
-098-001	↓	1343	↓	↓	↓	↓	0-6"		R295
-002	↓	1346	↓	↓	↓	↓	24-30"		R296
-099-001	↓	1350	↓	↓	↓	↓	0-6"		R297
-002	↓	1354	↓	↓	↓	↓	24-30"		R298
-100-001	↓	1450	↓	↓	↓	↓	0-6"		R299
-002	↓	1455	↓	↓	↓	↓	24-30"		R300
-101-001	↓	1600	↓	↓	↓	↓	0-6"		R301
-002	↓	1603	↓	↓	↓	↓	24-30"		R302
-102-001	↓	1607	↓	↓	↓	↓	0-6"		R303
-002	↓	1610	↓	↓	↓	↓	24-30"		R304

R-30AP04 WRAC04

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

Relinquished By: Richard Beale	Date/Time: 4/30/04 1618	Received By: R Johnson 30AP04	Date/Time: 1620
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

\ Crossouts NOT VALID Done before CAST SPEC PULLED R 30AP04

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CHAIN OF CUSTODY

1AU04 MSL MISC

No. 007261 *

Page 1 of 1

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

Project Number:
Project Name: KUHLMAN ELECTRIC
Project Location: CRYSTAL SPRINGS, MS
Sampled By (Print): ~~CHUCK PEEL~~ RICHARD BEALE 1APO4

Mail Report To:
Company: MARTIN + SEAGLE
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MSL-HSA RINSATE AUGER	4/1/04	1700	H2O	1	NA	PCB2 MSL-RS-001		W840
MSL-HSA RINSATE SPOON	✓	1701	✓	✓	✓	✓ MSL-RS-002		W841

*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:
Richard Beale	4-1-04 18:25	R [signature] 1APO4	1830
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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4/13/14

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

CHAIN OF CUSTODY

MSL H_2O^2

No. 007288 *

Page 1 of 1

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN SEAGER
Project Location: CRYSTAL SPRINGS, MS	Address:
Sampled By (Print): Eric Fox Richard Beale	

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
equipment rinsate 1	4/13/14	09:05	W	1	NA	RS's	MSL-RS 003	W847
equipment rinsate 2	4/13/14	9:06	W	1	NA	"	MSL RS 004	W848
equipment rinsate 3	4/13/14	9:07	W	1	↓	"	MSL RS 005	W849
equipment rinsate 4	4/13/14	9:10	W	1	↓	"	MSL RS 006	W850
MSL-FB-001	13 Apr 14	12:25	W	1	NA	VOC's	FIELD BLANK	W851

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

Relinquished By: Richard Beale	Date/Time: 4/13/14 12:58	Received By:	Date/Time: 4/13/14 1300
Relinquished By:	Date/Time:	Received By:	Date/Time: 4/13/14 1300

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

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MSL WATERS   AP 04

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

CHAIN OF CUSTODY

MISC.

No. 007308

Page 1 of 1

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):	
Invoice To:	
Company:	
Address:	
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MSL-RS-~~002~~ 007 EQ. RIN.	4/19/4	0730	W	1	NA	PCB'S		W852
↓ -~~003~~ 8 (corrected 20 APR 04)	↓	0732	↓	↓	↓	↓		W853
↓ -~~004~~ 9	↓	0740	↓	↓	↓	↓		W854
↓ -~~005~~ 10	↓	0742	↓	↓	↓	↓		W855
~~RINSATE 1~~		~~0810~~				NOT THIS PROPERTY	20 APR 04	~~W856~~
~~RINSATE 2~~		~~0812~~						~~W857~~
MSL-FB-002	4/19/4	0810	↓	↓	↓	↓		W858

*Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Relinquished By: [signature]	Date/Time: 4/19/04 08:58	Received By: NICK LOOMIS	Date/Time: 4/19/4 0900
	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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MSL WATERS 4/28/04

Environmental Chemistry Consulting Services, Inc.

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

CHAIN OF CUSTODY

MISC.

No. 007307 *

Page 1 of 1

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

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
MSL-RS-00311	4/22/04	0800	W	1	NA	PCB's		W859
MSL-RS-00312		0802						W860
MSL-RS-00313		0804						W861
MSL-RS-00314		0806						W862
MSL-FB-003		0835						W863

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

Relinquished By: Robert Beck	Date/Time: 4/28/04 0838	Received By:	Date/Time: 4/28/04 0838
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 USA Airbill

FedEx Tracking Number 8452 9227 3553

0215 Sender's Copy

From Please print and press hard.

Date 4/7/04 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 898-2917

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.) OPTIONAL

To

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

Company PARADIGM ANALYTICAL LABS

Address 5500 BUSINESS DR

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

Address

Dept./Floor/Suite/Room

City WILMINGTON State NC ZIP 28405-8446

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 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

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

Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment Bill to:

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

Enter FedEx Acct. No. or Credit Card No. below.

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. 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.

447

Try online shipping at 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.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

0271890775

SSF • Rev. Date 5/03 • Part #150520 • ©1994-2003 FedEx • PRINTED IN U.S.A.

FedEx Express USA Airbill

FedEx Tracking Number 8425 9574 7856

MJR 12

0215 Sender's Copy

From Please print and press hard.

Date 4/6/04 Sender's FedEx Account Number

Sender's Name CHUCK PEEL Phone (601) 898-2917

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.) OPTIONAL

To

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

Company PARADIGM ANALYTICAL LABS

Address 5500 BUSINESS DR

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

Address

Dept./Floor/Suite/Room

City MINGTON State NC ZIP 28405-8446

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

- [ ] 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 (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

6 Special Handling — Include FedEx address in Section 3.

SATURDAY Delivery — Available ONLY for FedEx Priority Overnight and FedEx 2Day 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.

- [ ] 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 (including Dry Ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment Bill to:

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

Enter FedEx Acct. No. or Credit Card No. below.

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. 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.

447

Try online shipping at 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.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

0254780280

FedEx Express USA Airbill

FedEx Tracking Number: 8425 9574 5614

Form ID: 0215 — Sender's Copy

From (Please print and press hard.)

Date: 4/28/04 — Sender's FedEx Account Number:

Sender's Name: CHUCK POOL — Phone: (601) 898-2917

Company: POOL CONSULTING

Address: 140 CHAPEL LANE — Dept./Floor/Suite/Room:

City: MADISON, M — State: MS — ZIP: 39110

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

To

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

Company: PARADIGM ANALYTICAL LABS

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

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

Address:

City: WILMINGTON — State: NC — ZIP: 28405-8446

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

- ☐ 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 — 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

6 Special Handling — Include FedEx address in Section 3.

- ☐ SATURDAY Delivery — Available ONLY for FedEx Priority Overnight and FedEx 2Day 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.

- ☐ 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 (including Dry Ice) cannot be shipped in FedEx packaging.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

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

Enter FedEx Acct. No. or Credit Card No. below.

FedEx Acct. No. or 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.

447

Try online shipping at 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.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

0254780280

FedEx Express USA Airbill

FedEx Tracking Number: 8369 3236 9622

MUR12

Form ID: 0215 — Sender's Copy

From (Please print and press hard.)

Date: 5/3/04 — Sender's FedEx Account Number:

Sender's Name: Chuck Pool — Phone: (601) 955-8531

Company: 140 Chapel Lane

Address: — Dept./Floor/Suite/Room:

City: MADISON — State: MS — ZIP: 39110

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

To

Recipient's Name: — Phone: (910) 350-1903

Company: PARADIGM ANALYTICAL LABS

Address: 5500 BUSINESS DR ~~2627 NORTHCHASE PKWY SE~~

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

Address: — Dept./Floor/Suite/Room:

City: WILMINGTON — State: NC — ZIP: 28405-7419

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

- ☒ 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 — 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

6 Special Handling — Include FedEx address in Section 3.

- ☐ SATURDAY Delivery — Available ONLY for FedEx Priority Overnight and FedEx 2Day 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.

- ☒ 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 (including Dry Ice) cannot be shipped in FedEx packaging.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

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

Enter FedEx Acct. No. or Credit Card No. below.

FedEx Acct. No. or 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.

447

Try online shipping at 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.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

0227570001

Appendix C

Chain of Custody Sheets for samples sent to Paradigm Labs

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39881
Page 1 of 1

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

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

Date: 4/7/04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SA01R
Invoice To: SA01R

Sample ID	Date	Time	Matrix	Preservatives: NA	Analyses: PCB	Comments: Mobile Lab #	Depth
HSL-HSA 001-001	31 MR 04	1240	S	X	X	R001	8-10'
HSL-HSA DUP	31 MR 04	—	S	X	X	R008	—
HSL-HSA-004-001	1 AP 04	0900	S	X	X	R011	16-18'
HSL HSA DUP	1 AP 04	—	S	X	X	R018	—
HSL-HSA-008-001	1 AP 04	1435	S	X	X	R022	19-21'
HSL-HSA-001-004	2 AP 04	0915	S	X	X	R028	21-23'
HSL-HSA-DUP	2 AP 04	—	S	X	X	R030	—

Comments: Please specify any special reporting requirements: MRRT HOLD TIMES: 14 DAYS EXTRACTION 40 DAYS ANALYSIS

4/7/04

4/7/04

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	4/7/04	1600				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39882
Page 1 of 3

Client: MARTIN MARIETTA Project ID: KUHLMAN ELECTRIC Date: 13 APR 04 Report To: SAME
Address: Contact: ROBERT MARTIN Turnaround: 5 DAY
Address: BLACK MOUNTAIN NC Phone: Job Number:
Quote #: Fax: P.O. Number: Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: HA	Analyses: PCB's	Comments: Please specify any special reporting requirements: MOBILE LAB # / DEPTH
MSL-HA-011-001	13 APR 04	1226	S	X	X	R031 0-6"
MSL-DP-013-001	13 APR 04	1500	S	X	X	R034 0-6"
MSL-DUPLICATE	13 APR 04	—	S	X	X	R046 —
MSL-DP-017-001	14 APR 04	0830	S	X	X	R047 0-6"
MSL-DUPLICATE	14 APR 04	—	S	X	X	R059 —
MSL-DP-015-001	13 APR 04	1525	S	X	X	R040 0-6"
MSL-DP-022-001	14 APR 04	1034	S	X	X	R063 0-6"
MSL-DP-024-001	14 APR 04	1230	S	X	X	R069 0-6"
MSL-DP-027-001	14 APR 04	1302	S	X	X	R078 0-6"
MSL-DP-030-001	14 APR 04	1455	S	X	X	R087 0-6"

14 DAY TURNAROUND FOR ANALYSIS
40 DAYS HOLD TIMES!

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	4/14/04	1535				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39883
Page 2 **of** 2

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

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

Date: ~~15~~ 19 AP 04
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 — MODSLER LAB #	Depth
MSL-DP-031-001	15 AP 04	0815	S	X	X	R093	0-6"
MSL-DUPLICATE	15 AP 04	—	S	X	X	R105	—
MSL-HA-036-001	15 AP 04	11:00	S	X	X	R106	0-6"
~~DP-0~~							
MSL-DP-040-001	15 AP 04	13:20	S	X	X	R117	0-6"
MSL-DP-042-002	15 AP 04	14:44	S	X	X	R125	24-30"
MSL-DP-045-001	16 AP 04	0815	S	X	X	R133	0-6"
MSL-DUPLICATE	16 AP 04	—	S	X	X	R145	—
MSL-DP-046-001	16 AP 04	08:25	S	X	X	R136	0-6"
MSL-DP-052-001	16 AP 04	10:39	S	X	X	R155	0-6"

14 DAYS EXTRACTION
40 DAYS ANALYSIS
MEET HOLD TIMES!

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Richard Beach	4/16/04	10:50				

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# 34999

Page 3 of 3

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

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

Date: 19 APR 04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA	Analyses: PCB's	Comments: Please specify any special reporting requirements
						MOBILE LAB # / DEPTH / 10 DAYS EXTRACTION / 40 DAYS ANALYSIS
MSL-DP-055-001	16 APR 04	1434	S	X	X	R164 0-6"
MSL - DUPE	17 APR 04	—	S	X	X	R170 —
MSL-DP-057-001	17 APR 04	0825	S	X	X	R171 0-6"
MSL-DP-059-001	17 APR 04	0848	S	X	X	R177 0-6"
MSL-DP-064-001	17 APR 04	1026	S	X	X	R193 0-6"
MSL-DP-067-001	17 APR 04	1135	S	X	X	R202 0-6"
						MEET HOLD TIMES

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Richard Beal	4/19/04	11:50				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39890

Page 1 of 1

Client: MARTIN + SIAGLE
Address:
Address: BLACK MOUNTAIN, N.C
Quote #:

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

Date: 28-APR-04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME

Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NH	Analyses: PCBs	Analyses: Depth	Comments: Please specify any special reporting requirements
							MOBILE LAB # / EXTRACTION / ANALYSIS
ISL - DUPE	4/19/04	—	S	X	X	—	R214
ASL - DP-068-001		0817		X	X	0-6"	R205
ASL - DP-071-001		0815		X	X	0-6"	R214
ASL-DP-076-001		1230		X	X	0-6"	R230 — 14-DAYS / 40-DAYS
ASL-DP-078-001		1305		X	X	0-6"	R235
ASP DUPE	4/20/04	—		X	X	—	R252
ASL-DP-079-001		0756		X	X	0-6"	R238
ASL-DP-087-003		1310		X	X	30-48"	R264
ASL-DP-089-001		1440		X	X	0-6"	R268 — MRT / HOLD TIMES
ASL-DP-093-001		1532		X	X	30-48"	R282

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	4-28-04	10:31				

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39889

Page 2 of ____

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

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

Date: 28-APR-04
Turnaround: STD
Job Number: ____
P.O. Number: ____

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: PCB'S									DEPTH	Comments: Please specify any special reporting requirements
																		MOBILE LAB
MSC-DP-044-001	4/21/4	1045	S	X				X									0-6"	R783
MSC - DUPE	"	—	S	X				X									—	R289

4/28/04

28-APR 14 - DAYS EXTRACTION 40 - DAYS ANALYSIS MEET HOLD TIMES

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	4-28-04	10:32				

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ARADIGM ANALYTICAL LABORATORIES, INC.
00 Business Drive, Wilmington, NC 28405
one: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39887
Page 1 of 1

ient: MARTIN + SLAGLE | Project ID: KUHLMAN ELECTRIC | Date: 3 MAY 04 | Report To: SAME
ldress: | Contact: ROBERT MARTIN | Turnaround: STD
ldress: BLACK MOUNTAIN, N.C. | Phone: | Job Number:
uote #: | Fax: | P.O. Number: | Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA	Analyses: PCB's	Comments: Please specify any special reporting requirements
						MOBILE LAB # / DEPTH
ISL-DP-096-001	4/28/04	0840	S	X	X	R290 0-6"
ISL-AP DUPLICATE	4/28/04	—	S	X	X	R292 —
ISL-DP-102-001	30 APR 04	1607	S	X	X	R303 0-6"
ISL-DP-102-002	30 APR 04	1610	S	X	X	R304 24-30"

14 - DAYS EXTRACTION
40 - DAYS ANALYSIS
MDL - HOLD TIMES

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Timothy Beach	5/3/04	1314				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

June 10, 2004

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 former Borg Warner and current Kuhlman Electric facility in Crystal Springs, Mississippi during the month of May. If you have any questions concerning this information, please give me a call.

Sincerely,

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

Borg Warner / Kuhlman Electric

Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

June 10, 2004

To: Robert Martin
Martin Slagle Inc.

From: Richard Johnson RJ for
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 water samples collected from the MSL area during May 2004 during an accelerated site investigation episode around the former Borg Warner and current Kuhlman Electric 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 MSL 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 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 45 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
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(%)	Rinse
R305	MSL-HA-103-001	0-6"	4-May-04	15:20	4-May-04	20	142	108	A
R306	MSL-HA-104-001	0-6"	4-May-04	15:25	4-May-04	5.4	141	99.3	A
R307	MSL-HA-105-001	0-6"	4-May-04	15:29	4-May-04	3.5	142	98.1	A
R308	MSL-HA-105-002	6-12"	4-May-04	15:33	4-May-04	7.2	127	114	A
R309	MSL-HA-106-001	0-6"	4-May-04	15:35	4-May-04	7.1	139	104	A
R310	MSL-HA-107-001	0-6"	4-May-04	15:41	5-May-04	16	138	98.0	A
R311	MSL-HA-108-001	0-6"	4-May-04	15:45	5-May-04	99	125	127	A
R312	MSL-HA-109-001	0-6"	4-May-04	15:49	4-May-04	6.1	137	100	A
R313	MSL-HA-110-001	0-6"	4-May-04	15:55	5-May-04	22	138	109	A
R314	MSL-HA-111-001	0-6"	4-May-04	16:00	5-May-04	10	139	99.5	A
R315	MSL-HA-112-001	0-6"	4-May-04	16:05	4-May-04	2.7	141	105	A
R316	MSL-Duplicate	-	4-May-04	-	4-May-04	2.2	143	103	A
R317	MSL-HA-113-001	0-6"	5-May-04	09:38	5-May-04	< 0.10	145	139	A
R318	MSL-HA-114-001	0-6"	5-May-04	09:43	5-May-04	8.5	142	145	A
R319	MSL-HA-115-001	0-6"	5-May-04	09:49	5-May-04	2.0	141	146	A
R320	MSL-HA-116-001	0-6"	5-May-04	09:56	5-May-04	2.5	138	135	A
R321	MSL-HA-117-001	0-6"	5-May-04	10:02	5-May-04	0.15	142	153	A
R322	MSL-HA-118-001	0-6"	5-May-04	10:09	5-May-04	2.0	143	147	A
R323	MSL-HA-119-001	0-6"	5-May-04	10:15	5-May-04	9.3	135	145	A
R324	MSL-Duplicate	-	5-May-04	-	5-May-04	< 0.10	141	143	A
R325	MSL-HA-120-001	0-6"	5-May-04	11:25	5-May-04	0.17	110	118	
R326	MSL-HA-121-001	0-6"	5-May-04	11:30	5-May-04	4.0	138	133	A
R327	MSL-HA-122-001	0-6"	5-May-04	11:35	5-May-04	1.3	134	129	A
R328	MSL-HA-123-001	0-6"	5-May-04	11:40	5-May-04	< 0.10	98.8	105	
R329	MSL-HA-124-001	0-6"	5-May-04	11:45	5-May-04	0.88	137	125	A
R330	MSL-HA-125-001	0-6"	5-May-04	11:50	5-May-04	7.1	130	127	A
R331	MSL-HA-126-001	0-6"	5-May-04	11:54	5-May-04	4.2	131	126	A
R332	MSL-HA-127-001	0-6"	5-May-04	14:30	5-May-04	370	133	171	A
R333	MSL-HA-128-001	0-6"	5-May-04	14:35	5-May-04	6.5	136	130	A
R334	MSL-HA-129-001	0-6"	5-May-04	14:40	5-May-04	0.29	140	130	A
R335	MSL-HA-130-001	0-6"	5-May-04	14:45	5-May-04	0.14	137	131	A
R336	MSL-HA-131-001	0-6"	6-May-04	08:40	6-May-04	9.7	147	130	A
R337	MSL-HA-132-001	0-6"	6-May-04	08:45	6-May-04	0.23	149	136	A
R338	MSL-HA-133-001	0-6"	6-May-04	08:50	6-May-04	0.71	150	106	A
R339	MSL-HA-134-001	0-6"	6-May-04	08:55	6-May-04	0.74	151	126	A
R340	MSL-Duplicate	-	6-May-04	-	6-May-04	10	151	130	A
R341	MSL-HA-135-001	0-6"	6-May-04	11:10	6-May-04	< 0.10	146	105	A
R342	MSL-HA-136-001	0-6"	6-May-04	11:15	6-May-04	0.53	141	94.8	A
R343	MSL-TR-001-001	0-6"	10-May-04	10:15	10-May-04	3.6	129	133	A
R344	MSL-TR-001-002	3'	10-May-04	10:50	10-May-04	2.1	127	137	A
R345	MSL-TR-001-003	2-3'	10-May-04	12:18	10-May-04	1.7	127	124	A
R346	MSL-TR-001-004	3-4'	10-May-04	12:34	10-May-04	0.72	125	118	A
R347	MSL-TR-002-001	0-6"	10-May-04	14:10	10-May-04	75	130	156	A
R348	MSL-TR-002-002	2-4'	10-May-04	14:25	10-May-04	30	154	171	A

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(%)	Rinse
R349	MSL-TR-002-003	6-7'	10-May-04	14:30	10-May-04	12	135	147	A
R350	MSL-Duplicate	-	10-May-04	-	10-May-04	3.6	124	138	A
R351	MSL-TR-002-004	2-3'	10-May-04	16:30	10-May-04	24	135	154	A
R352	MSL-TR-002-005	3-6'	10-May-04	16:40	10-May-04	25	135	140	A
R353	MSL-TR-002-006	7-8'	10-May-04	16:45	10-May-04	31	143	153	A
R354	MSL-TR-002-007	10-12'	10-May-04	17:00	10-May-04	18	131	140	A
R355	MSL-TR-003-001	0-6"	11-May-04	09:50	11-May-04	4.4	133	112	A
R356	MSL-TR-003-002	2-3'	11-May-04	10:15	11-May-04	2.7	126	100	A
R357	MSL-TR-003-003	10-12'	11-May-04	10:35	11-May-04	1.1	135	93.7	A
R358	MSL-TR-003-004	6-8'	11-May-04	10:40	11-May-04	0.85	133	101	A
R359	MSL-Duplicate	-	11-May-04	-	11-May-04	4.4	134	115	A
R360	MSL-TR-003-005	3-4'	11-May-04	12:20	11-May-04	1.6	136	106	A
R361	MSL-TR-003-006	6-8'	11-May-04	12:30	11-May-04	2.3	131	117	A
R362	MSL-TR-003-007	9'	11-May-04	12:38	11-May-04	7.9	130	119	A
R363	MSL-TR-004-001	0-6"	11-May-04	14:00	11-May-04	39	129	130	A
R364	MSL-TR-004-002	2-3'	11-May-04	14:10	11-May-04	12	131	130	A
R365	MSL-TR-004-003	8-10'	11-May-04	14:23	11-May-04	< 0.10	91.2	77.2	
R366	MSL-TR-004-004	3-4'	11-May-04	14:50	11-May-04	4.5	134	126	A
R367	MSL-TR-004-005	8-10'	11-May-04	15:10	11-May-04	0.49	134	90.6	A
R368	MSL-TR-005-001	0-6"	13-May-04	08:45	13-May-04	2.3	130	105	A
R369	MSL-TR-005-002	2-3'	13-May-04	09:10	13-May-04	24	136	138	A
R370	MSL-TR-005-003	5-6'	13-May-04	09:22	13-May-04	39	129	156	A
R371	MSL-TR-005-004	8-10'	13-May-04	09:28	13-May-04	22	130	122	A
R372	MSL-Duplicate	-	13-May-04	-	13-May-04	2.1	130	115	A
R373	MSL-TR-005-005	13-14'	13-May-04	09:45	13-May-04	2.0	132	92.9	A
R374	MSL-TR-005-006	4-5'	13-May-04	09:55	13-May-04	29	133	125	A

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

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(%)
W885	MSL-RS-015	-	4-May-04	12:40	5-May-04	< 0.25	117	106
W886	MSL-RS-016	-	4-May-04	12:42	5-May-04	< 0.25	112	102
W887	MSL-RS-017	-	4-May-04	12:43	5-May-04	< 0.25	127	124
W888	MSL-RS-018	-	4-May-04	12:45	5-May-04	< 0.25	126	123
W889	MSL-FB-004	-	4-May-04	13:11	5-May-04	< 0.25	124	120
W893	MSL-RS-019	-	10-May-04	7:45	11-May-04	< 0.25	107	79.5
W894	MSL-RS-020	-	10-May-04	7:47	11-May-04	< 0.25	102	84.3
W895	MSL-RS-021	-	10-May-04	7:50	11-May-04	< 0.25	109	81.5
W896	MSL-FB-005	-	10-May-04	9:50	11-May-04	< 0.25	108	83.1

Table 3
QC Results

Lab # associated with qc samples: R305 through R316

	Matrix Spike R306	Matrix Spike Duplicate R306		Blank 764	LCS 764
Date Analyzed:	5/4/04	5/4/04		5/4/04	5/4/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	106		117		-10%	< 0.10	109

Table 3
QC Results

Lab # associated with qc samples: R317 through R335

	Matrix Spike R322	Matrix Spike Duplicate R322	Blank 765	LCS 765
Date Analyzed:	5/5/04	5/5/04	5/5/04	5/5/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	126		117		7%	< 0.10	116

Table 3
QC Results

Lab # associated with qc samples: R336 through R342

	Matrix Spike R336	Matrix Spike Duplicate R336	Blank 766	LCS 766
Date Analyzed:	5/6/04	5/6/04	5/6/04	5/6/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	120		120		0%	< 0.10	100

Table 3
QC Results

Lab # associated with qc samples: R343 through R354

	Matrix Spike R343	Matrix Spike Duplicate R343		Blank 767	LCS 767
Date Analyzed:	5/10/04	5/10/04		5/10/04	5/10/04

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

Table 3
QC Results

Lab # associated with qc samples: R355 through R367

	Matrix Spike R355		Matrix Spike Duplicate R355			Blank 768	LCS 768
Date Analyzed:	5/11/04		5/11/04			5/11/04	5/11/04
Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	115		93.9		20%	< 0.10	90.5

Table 3
QC Results

Lab # associated with qc samples: R368 through R374

	Matrix Spike R368	Matrix Spike Duplicate R368		Blank 770	LCS 770
Date Analyzed:	5/13/04	5/13/04		5/13/04	5/13/04

Compound	% Rec		% Rec		% RPD	mg/kg	% Rec
PCB as 1260	109		105		4%	< 0.10	108

Table 4
QC Results

Lab # associated with qc samples: W885 through W889

	Matrix Spike W876		Matrix Spike Duplicate W876			Blank	LCS
Date Analyzed:	5/5/04		5/5/04			5/5/04	5/5/04
Compound	% Rec		% Rec		% RPD	ug/L	% Rec
PCB as 1260	128		124		3%	< 0.25	127

Table 4
QC Results

Lab # associated with qc samples: W893 through W896

	Matrix Spike W899	Matrix Spike Duplicate W899	Blank	LCS
Date Analyzed:	5/11/04	5/11/04	5/11/04	5/11/04

Compound	% Rec		% Rec		% RPD	ug/L	% Rec
PCB as 1260	111		106		5%	< 0.25	112

Appendix A

Chain of Custody Sheets for mobile lab PCB analysis MSL Samples

04 MY04

CHAIN OF CUSTODY

MSL

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

No. 008683

Page 1 of 1

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

Project Number:
Project Name: KUHLMAN ELECTRIC
Project Location: CRYSTAL SPRINGS, MS
Sampled By (Print): RICHARD BEALE

Mail Report To:
Company: MARTIN + SLAGLE
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth	Comments	Laboratory Number
MSL-HA-103-001	04 MY 04	1520	S	1	NA	PCBs	0-6"		R305
-104-001	↓	1525	↓	↓	↓	↓	0-6"		R306
-104 (5) -001 (RB 04MY04)	↓	1529	↓	↓	↓	↓	0-6"		R307
-105-002	↓	1533 (5)	↓	↓	↓	↓ (04MY04)	6-12"		R308
-106-001	↓	1535	↓	↓	↓	↓	0-6"		R309
-107-001	↓	1541	↓	↓	↓	↓	0-6"		R310
-108-001	↓	1545	↓	↓	↓	↓	0-6"		R311
-109-001	↓	1549	↓	↓	↓	↓	0-6"		R312
-110-001	↓	1555	↓	↓	↓	↓	0-6"		R313
-111-001	↓	1600	↓	↓	↓	↓	0-6"		R314
-112-001	↓	1605	↓	↓	↓	↓	0-6"		R315
DUPLICATE	↓	—	↓	↓	↓	↓	—		R316

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

Relinquished By: Richard Beale — Date/Time: 5/4/04 1614 — Received By: R. [illegible] 04 MY04 — Date/Time: 1615

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:

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05M404

CHAIN OF CUSTODY

MSL

No. 008691 *

Page 1 of 2

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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): RICHARD BEALE

Mail Report To:
Company: MARTIN & SCAGLE
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-HA-113-001	05 MAY 04	0938	S	1	NA	PCB's	0-6"		R317
-114-001		0943					0-6"		R318
-115-001		0949					0-6"		R319
-116-001		0956					0-6"		R320
-117-001		1002					0-6"		R321
-118-001		1009					0-6"		R322
-119-001		1015					0-6"		R323
DUPLICATE		—					—		R324
-120-001		1125					6-6"		R325
-121-001		1130					0-6"		R326
-122-001		1135					0-6"		R327
-123-001		1140					0-6"		R328

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

Relinquished By: Richard Beale
Date/Time: 5/5/04 11:49
Received By: R Johnson 05M404
Date/Time: 1150

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

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
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05 MAY 04

CHAIN OF CUSTODY

MSL

No. 008694

Page 2 of 2

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): RICHARD BEALE

Mail Report To:
Company: MARTIN SEAGER
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
MSL-MA-124-001	05 MAY 04	1145	S	1	NA	PCB's	0-6"		R329
-125-001		1150					0-6"		R330
-126-001		1154					0-6"		R331
-127-001		1430					0-6"		R332
-128-001		1435					0-6"		R333
-129-001		1440					0-6"		R334
-130-001		1445					0-6"		R335

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

Relinquished By: Richard Beale RB Date/Time: 5/5/04 1458
Received By: R Leon 05 MAY 04 Date/Time: 1500

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

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Receipt Temp:
Temp Blank Y N
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06MY04

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MSL

No. 008695

Page 1 of 1

Turn Around (circle one) Normal Rush

Report Due:

Invoice To:

Company:

Address:

P.O. No.: Quote No.:

Project Number:

Project Name: LUHLMAN ELECTRIC

Project Location: CRYSTAL SPRINGS, MS

Sampled By (Print): RICHARD BEALE

Mail Report To:

Company: MARTIN & SCHAGER

Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	DEPTH	Comments	Laboratory Number
M&L-HA-131-001	06 MY 04	0840	S	1	NA	PCB's	0-6"		R336
-132-001		0845					0-6"		R337
-133-001		0850					0-6"		R338
-134-001		0855					0-6"		R339
DUPLICATE		—					—		R340
-135-001		1110					0-6"		R341
-136-001		1115					0-6"		R342

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

Relinquished By: [signature] Date/Time: 5-6-04 11:24

Received By: R Johnson 6MY04 Date/Time: 1125

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. 008697

Page 1 of 1

MSL 5/10/04

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN ASCHAGER
Project Location: CRYSTAL SPRINGS, MS	Address:
Sampled By (Print): Richard Beale	

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
MSL - TR-001-001	5/10/04	1015	S	1	NA	PCBs	0-6"	R343
TR-001-002		1050					3'	R344
TR-001-003		1218					2-3'	R345
TR-001-004		1234					3-4'	R346
TR-002-001		1410					0-6"	R347
TR-002-002		1425					2-4'	R348
TR-002-003		1430					6-7'	R349
TR-001-Dup		—					—	R350
TR-002-004		1630					2-3'	R351
TR-002-005		1640					3-6	R352
TR-002-006		1645					7-8	R353
TR-002-007		1700					10-12	R354

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

Relinquished By: Richard Beale Date/Time: 5/10/04 1559
Received By: Date/Time: 5/10/04 1900
Relinquished By: Date/Time:
Received By: Date/Time:

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

CHAIN OF CUSTODY

MSL
5-11-04

No. 008699

Page 1 of 2

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SCHELL
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Richard Beal	

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 / Comments	Laboratory Number
MSL-TR-003-001	5/11/04	0950	S	1	NA	PCB's	0-6"	R355
-002		1015					2-3'	R356
-003		1035					10-12'	R357
-004		1040					6-8'	R358
-Dup		—					~	R359
-005		1220					3-4'	R360
-006		1230					6-8'	R361
-007		1238					9'	R362
TR-004-001		1400					0-6"	R363
-002		1410					2-3'	R364
-003		1423					9-10'	R365
-004		1450					3-4'	R366

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

Relinquished By: [signature] Date/Time: 5/11/04 RB 1539
Received By: [signature] Date/Time: 5/11/04 1600

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

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

No. 008703

MSL 5/11/04

Page 2 of 2

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

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth Comments	Laboratory Number
MSL-TR-004-005	5/11/04	1510	S	1	NA	PCBs	8-10'	R367

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

Relinquished By: Richard Beal	Date/Time: 5/11/04 1609	Received By:	Date/Time: 5/11/04 1610
Relinquished By:	Date/Time:	Received By:	Date/Time:

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

Shipped Via:

Receipt Temp:
Temp Blank Y N

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CHAIN OF CUSTODY

No. 008705

Page 1 of 1

MSL 5/13/04

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

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN + SLOCUM
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Richard Beach	

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth Comments	Laboratory Number
MSL-TR-005-001	5/13/04	0845	S	1	NA	PCB,	0-6"	R368
-002		0910					2-2'	R369
-003		0922					5-6'	R370
-004		0928					9-10'	R371
-Dup		—					—	R372
-005		0945					13-14'	R373
-006		0955					4-5'	R374

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

Relinquished By: Richard Beach — Date/Time: 5/13/04 1459 — Received By: [signature] — Date/Time: 5/13/04 1500

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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Environmental Chemistry Consulting Services, Inc.

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0407704

CHAIN OF CUSTODY

No. 008686

Page 1 of 1

H2O MISC

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): RICHARD BEALE

Mail Report To:
Company: HARTIN & SCALES
Address:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
MSL-RS-0125	04 MAY 04	1240	H2O	1	NA	PCB 1		W885
-0126		1242						W886
-0127		1243						W887
-0128		1245						W888
FB-004		1311						W889

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

Relinquished By: Richard Beale Date/Time: 5/4/04 1329
Received By: R Jolson 0407704 Date/Time: 1330

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

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CHAIN OF CUSTODY

No. 008696

Page 1 of 1

MSL - MISC
5/10/04

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTINI SCHAGER
Project Location: CRYSTAL SPRINGS OIS	Address:
Sampled By (Print): Richard Beach	

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
MSL - RS-019	5/10/04	0745	W	1	NA	PCB's		W893
MSL - RS - 020	↓	0747	↓	↓	↓	↓		W894
MSL - RS - 021		0750						W895
MSL - FB - 005		0950						W896

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

Relinquished By: Richard J Beach — Date/Time: 5/10/04 16:30
Relinquished By: — Date/Time:

Received By: — Date/Time: 5/10/04 16:30
Received By: — Date/Time:

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

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Appendix B

FEDEX shipping label for Paradigm Labs

FedEx Express USA Airbill FedEx Tracking Number 8425 9574 5625

0215 Sender's Copy

1 From
Date 5/11/04 Sender's FedEx Account Number
Sender's Name Chuck Peel Phone (601) [illegible]-2927
Company Peel Consulting
Address 140 Chapel Lane
City Madison State MS ZIP 39110

2 Your Internal Billing Reference MARTINO SCHEEL

3 To
Recipient's Name SAMPLE CUSTODIAN Phone (910) 350-1903
Company PARADIGM ANALYTICAL LABS
Address 5500 BUSINESS DR
City WILMINGTON State NC ZIP 28405-8446

4a Express Package Service: [X] FedEx Priority Overnight; [ ] FedEx Standard Overnight; [ ] FedEx First Overnight; [ ] FedEx 2Day; [ ] FedEx Express Saver

4b Express Freight Service: [ ] FedEx 1Day Freight; [ ] FedEx 2Day Freight; [ ] FedEx 3Day Freight

5 Packaging: [ ] FedEx Envelope; [ ] FedEx Pak; [X] Other

6 Special Handling: [ ] SATURDAY Delivery; [ ] HOLD Weekday at FedEx Location; [ ] HOLD Saturday at FedEx Location
Does this shipment contain dangerous goods? [X] No; [ ] Yes As per attached Shipper's Declaration; [ ] Yes Shipper's Declaration not required; [ ] Dry Ice; [ ] Cargo Aircraft Only

7 Payment Bill to: [ ] Sender; [X] Recipient; [ ] Third Party; [ ] Credit Card; [ ] Cash/Check
FedEx Acct. No. 1811-4189-1

Total Packages / Total Weight / Total Declared Value $ .00

8 Release Signature

447

Try online shipping at 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.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

0254780280

FedEx Express USA Airbill FedEx Tracking Number 8425 9574 5636

0215 Sender's Copy

1 From
Date 5/17/04 Sender's FedEx Account Number
Sender's Name Charles Peel Phone (601) 898-3157
Company Peel Consulting
Address 140 Chapel LANE
City MADISON State MS ZIP 39110

2 Your Internal Billing Reference MARTINS SCHEILE

3 To
Recipient's Name RECEIVING Phone (910) 350-1903
Company PARADIGM ANALYTICAL LABS
Address 5500 BUSINESS DR
City WILMINGTON State NC ZIP 28405-8446

4a Express Package Service: [X] FedEx Priority Overnight; [ ] FedEx Standard Overnight; [ ] FedEx First Overnight; [ ] FedEx 2Day; [ ] FedEx Express Saver

4b Express Freight Service: [ ] FedEx 1Day Freight; [ ] FedEx 2Day Freight; [ ] FedEx 3Day Freight

5 Packaging: [ ] FedEx Envelope; [ ] FedEx Pak; [X] Other

6 Special Handling: [ ] SATURDAY Delivery; [ ] HOLD Weekday at FedEx Location; [ ] HOLD Saturday at FedEx Location
Does this shipment contain dangerous goods? [X] No; [ ] Yes As per attached Shipper's Declaration; [ ] Yes Shipper's Declaration not required; [ ] Dry Ice; [ ] Cargo Aircraft Only

7 Payment Bill to: [ ] Sender; [X] Recipient; [ ] Third Party; [ ] Credit Card; [ ] Cash/Check
FedEx Acct. No. 1811-4189-1

Total Packages / Total Weight / Total Declared Value $ .00

8 Release Signature

447

Try online shipping at 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.

Questions? Visit our Web site at fedex.com or call 1.800.Go.FedEx® 800.463.3339.

0254780280

Appendix C

Chain of Custody Sheets for samples sent to Paradigm Labs

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 3511[illegible]
Page 1 of 1

Client: MARTIN & SCAGLE Project ID: KUHLMAN ELECTRIC Date: 5/14/04 Report To: SAME
Address: Contact: ROBERT MARTIN Turnaround: 5 TO
Address: BLACK MOUNTAIN N.C. 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	PUB[2]	MOBILE LAB # DEPTH
MSL-HA-105-001	05/14/04	1529	S	X	X	R307 0-6"
MSL-HA-DUPLICATE	05/14/04	—	S	X	X	R316 —
MSL-HA-113-001	05/14/04	0938	S	X	X	R317 0-6"
MSL-HA-127-001	05/14/04	1430	S	X	X	R332 0-6"
MSL-HA-DUPLICATE	05/14/04	—	S	X	X	R324 —
MSL-HA-131-001	05/14/04	0840	S	X	X	R336 0-6"
MSL-HA-DUPLICATE	05/14/04	—	S	X	X	R340 —

MEET HOLD TIMES! 14 DAYS EXTRACTION 40 DAYS ANALYSIS

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	5/15/04	14:30				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of-Custody Record & Analytical Request

COC# 35116

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

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

Date: 5/11/04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: NA				Analyses: Pb										Comments (Please specify any special reporting requirements): MOBIL LAB #	Depth
MSL-TR-001-001	5/10/04	1015	S	X				X										R343	0-6"
MSL-TR-001-DUP	5/10/04	—	S	X				X										R350	—
MSL-TR-002-006	5/10/04	1645	S	X				X										R353	7-8'

Need hold time - 14 day extraction 40 day analysis

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	5/10/04	1648				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 35117

Page 1 of 1

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

Project ID: KUHLMAN EXPANSION
Contact: ROGERS MARTIN
Phone:
Fax:

Date: 17 MAY 04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

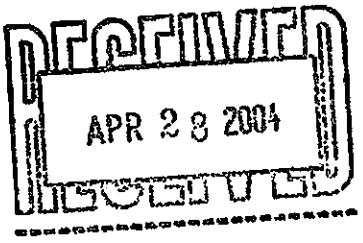
Sample ID	Date	Time	Matrix	Preservatives	Analyses	Comments: Please specify any special reporting requirements
				NA	PCB	MOBILE LAB # Depth
MSL-TR-003-001	5/11/04	0950	S	X	X	R355 0-6"
MSL-TR-003-Dup	5/11/04	—	S	X	X	R354 —
MSL-TR-004-005	5/11/04	1510	S	X	X	R367 8-10'
MSL-TR-005-001	5/13/04	0845	S	X	X	R368 0-6"
MSL-TR-005-Dup	5/13/04	—	S	X	X	R372 —

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles O.M. Peel	5/17/04	1400				

State Certification Requested
NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557



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

Report Number: G442-266

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. 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 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 Paradigm at (910) 350-1903. 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.

4/23/04
Laboratory Directory Date
J. Patrick Weaver

Results for PCBs
by EPA 8082

Client Sample ID: MSL-HSA-001-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-266-1B
Lab Project ID: G442-266
Matrix: Soil %SOLIDS: 82.4
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 03/31/2004 12:40
Date Received: 4/8/04
Date Analyzed: 4/19/04
Date Extracted: 4/13/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	117	BQL
Aroclor-1221	117	BQL
Aroclor-1232	117	BQL
Aroclor-1242	117	BQL
Aroclor-1248	117	BQL
Aroclor-1254	117	BQL
Aroclor-1260	117	1150
Aroclor-1262	117	BQL

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

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-HSA-Dup-R008
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-266-2B
Lab Project ID: G442-266
Matrix: Soil %SOLIDS: 82.6
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 03/31/2004 00:00
Date Received: 4/8/04
Date Analyzed: 4/19/04
Date Extracted: 4/13/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG	
Aroclor-1016	104	BQL	
Aroclor-1221	104	BQL	
Aroclor-1232	104	BQL	
Aroclor-1242	104	BQL	
Aroclor-1248	104	BQL	
Aroclor-1254	104	BQL	
Aroclor-1260	104		606
Aroclor-1262	104	BQL	

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

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-HSA-004-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-266-3B
Lab Project ID: G442-266
Matrix: Soil %SOLIDS: 92.3
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/01/2004 09:00
Date Received: 4/8/04
Date Analyzed: 4/19/04
Date Extracted: 4/13/04
Dilution: 1

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	100	100

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-HSA-Dup-R018
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-266-4B
Lab Project ID: G442-266
Matrix: Soil %SOLIDS: 92.1
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/01/2004 00:00
Date Received: 4/8/04
Date Analyzed: 4/19/04
Date Extracted: 4/13/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	91.1	BQL
Aroclor-1221	91.1	BQL
Aroclor-1232	91.1	BQL
Aroclor-1242	91.1	BQL
Aroclor-1248	91.1	BQL
Aroclor-1254	91.1	BQL
Aroclor-1260	91.1	BQL
Aroclor-1262	91.1	BQL

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-HSA-008-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-266-5B
Lab Project ID: G442-266
Matrix: Soil %SOLIDS: 90.9
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/01/2004 14:35
Date Received: 4/8/04
Date Analyzed: 4/20/04
Date Extracted: 4/13/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	105	BQL
Aroclor-1221	105	BQL
Aroclor-1232	105	BQL
Aroclor-1242	105	BQL
Aroclor-1248	105	BQL
Aroclor-1254	105	BQL
Aroclor-1260	105	BQL
Aroclor-1262	105	BQL

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-HSA-001-004	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/02/2004 09:15
Lab Sample ID:	G442-266-6B	Date Received:	4/8/04
Lab Project ID:	G442-266	Date Analyzed:	4/20/04
Matrix:	Soil %SOLIDS: 90.7	Date Extracted:	4/13/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	107	BQL
Aroclor-1221	107	BQL
Aroclor-1232	107	BQL
Aroclor-1242	107	BQL
Aroclor-1248	107	BQL
Aroclor-1254	107	BQL
Aroclor-1260	107	BQL
Aroclor-1262	107	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	82	82

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-HSA-Dup-R030
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-266-7E
Lab Project ID: G442-266
Matrix: Soil %SOLIDS: 90.7
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/02/2004 00:00
Date Received: 4/6/04
Date Analyzed: 4/20/04
Date Extracted: 4/13/04
Dilution: 1

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	106	106

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

Reviewed By: MY

Results for PCBs
by EPA 8082

Client Sample ID:	Method Blank	Analyzed By:	CLP
Client Project ID:		Date Collected:	
Lab Sample ID:	PB1081	Date Received:	
Lab Project ID:		Date Analyzed:	4/19/04
Matrix:	SOIL %SOLIDS: 100.0	Date Extracted:	4/13/04
Report Basis:	Dry Weight	Dilution:	1

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	100	100

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

Reviewed By: _____

MS/MSD Results for PCBs
by GC 8082

Client Sample ID:	**Batch QC**	**Date Analyzed:**	**4/20/04**
Client Project ID:		**Analyzed By:**	**CLP**
Lab Sample ID:	**S-QC-1081**	**Dilution:**	**1.0**
Lab Project ID:			
Matrix:	**Soil**		

MS/MSD

Compound	Sample	MS (ug/KG)	%Rec	MSD (ug/KG)	%Rec	RPD
Aroclor-1260	BQL	1253	125%	1091	109%	13.8

LCS

Compound	Spiked (ug/KG)	Result (ug/KG)	%Rec	Limits Lower	Limits Upper
Aroclor 1260	1000	1079	108%	70	130

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

Reviewed By: mc

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

0442-266

Chain-of Custody Record & Analytical Request

COC# 39881

Page 1 of 1

12 of 12

Client: MARTIN & SCAGER | Project ID: KUHLMAN ELECTRIC | Date: 4/7/04 | 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	NT	PCB's	Mobile Lab #	Depth	
MSL-HSA-001-001	3/Apr 04	0940	S	X	X	R001	8-10'	14 DAYS EXTRACTION 40 DAYS ANALYSIS
MSL-HSA DUP	3/Apr 04	—	S	X	X	R008	—	
MSL-HSA-004-001	1/Apr 04	0900	S	X	X	R011	16-18'	
MSL HSA DUP	Apr 04	—	S	X	X	R018	—	
MSL-HSA-008-001	1/Apr 04	1435	S	X	X	R022	19-21'	
MSL-HSA-004-004	2/Apr 04	0915	S	X	X	R028	21-23'	
MSL-HSA-DUP	2/Apr 04	—	S	X	X	R030	/	

MARK HOLD TIMES

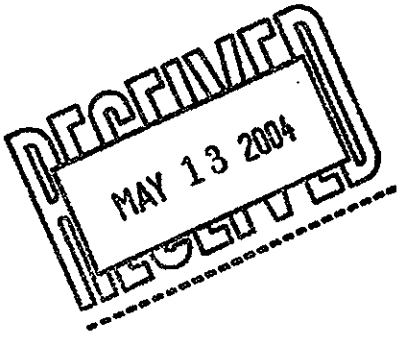
Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	4/7/04	1600	[signature]	4/8/04	1025	18°C

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557



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

Report Number: G442-267

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. 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 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 Paradigm at (910) 350-1903. 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.

5/12/04
Laboratory Director Date
J. Patrick Weaver

Results for PCBs
by EPA 8082

Client Sample ID: MSL-HA-011-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-1B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 70.4
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/13/2004 12:26
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	142	BQL
Aroclor-1221	142	BQL
Aroclor-1232	142	BQL
Aroclor-1242	142	BQL
Aroclor-1248	142	BQL
Aroclor-1254	142	BQL
Aroclor-1260	142	668
Aroclor-1262	142	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	108	108

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

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

Reviewed By: mc

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-DP-013-001	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/13/2004 16:00
Lab Sample ID:	G442-267-2B	Date Received:	4/20/04
Lab Project ID:	G442-267	Date Analyzed:	4/27/04
Matrix:	Soil %SOLIDS: 88.7	Date Extracted:	4/22/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	111	BQL
Aroclor-1221	111	BQL
Aroclor-1232	111	BQL
Aroclor-1242	111	BQL
Aroclor-1248	111	BQL
Aroclor-1254	111	BQL
Aroclor-1260	111	BQL
Aroclor-1262	111	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: _____

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-Duplicate-R046	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/13/2004 00:00
Lab Sample ID:	G442-267-3B	Date Received:	4/20/04
Lab Project ID:	G442-267	Date Analyzed:	4/27/04
Matrix:	Soil %SOLIDS: 87.7	Date Extracted:	4/22/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	113	BQL
Aroclor-1221	113	BQL
Aroclor-1232	113	BQL
Aroclor-1242	113	BQL
Aroclor-1248	113	BQL
Aroclor-1254	113	BQL
Aroclor-1260	113	BQL
Aroclor-1262	113	BQL

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-DP-017-001	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/14/2004 08:30
Lab Sample ID:	G442-267-4B	Date Received:	4/20/04
Lab Project ID:	G442-267	Date Analyzed:	5/3/04
Matrix:	Soil %SOLIDS: 82.9	Date Extracted:	4/22/04
Report Basis:	Dry Weight	Dilution:	2

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	226	BQL
Aroclor-1221	226	BQL
Aroclor-1232	226	BQL
Aroclor-1242	226	BQL
Aroclor-1248	226	BQL
Aroclor-1254	226	BQL
Aroclor-1260	226	4980
Aroclor-1262	226	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	54	54

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-Duplicate-R059	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/14/2004 00:00
Lab Sample ID:	G442-267-5B	Date Received:	4/20/04
Lab Project ID:	G442-267	Date Analyzed:	4/27/04
Matrix:	Soil %SOLIDS: 83.6	Date Extracted:	4/22/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	114	BQL
Aroclor-1221	114	BQL
Aroclor-1232	114	BQL
Aroclor-1242	114	BQL
Aroclor-1248	114	BQL
Aroclor-1254	114	BQL
Aroclor-1260	114	4060
Aroclor-1262	114	BQL

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

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-DP-015-001	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/13/2004 15:25
Lab Sample ID:	G442-267-6C	Date Received:	4/20/04
Lab Project ID:	G442-267	Date Analyzed:	5/3/04
Matrix:	Soil %SOLIDS: 84.1	Date Extracted:	4/22/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	117	BQL
Aroclor-1221	117	BQL
Aroclor-1232	117	BQL
Aroclor-1242	117	BQL
Aroclor-1248	117	BQL
Aroclor-1254	117	BQL
Aroclor-1260	117	BQL
Aroclor-1262	117	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	116	116

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-DP-022-001	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/14/2004 10:34
Lab Sample ID:	G442-267-7B	Date Received:	4/20/04
Lab Project ID:	G442-267	Date Analyzed:	4/27/04
Matrix:	Soil %SOLIDS: 87.9	Date Extracted:	4/22/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	90.8	BQL
Aroclor-1221	90.8	BQL
Aroclor-1232	90.8	BQL
Aroclor-1242	90.8	BQL
Aroclor-1248	90.8	BQL
Aroclor-1254	90.8	BQL
Aroclor-1260	90.8	BQL
Aroclor-1262	90.8	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	82	82

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-024-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-8B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 87.5
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/14/2004 12:30
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	106	BQL
Aroclor-1221	106	BQL
Aroclor-1232	106	BQL
Aroclor-1242	106	BQL
Aroclor-1248	106	BQL
Aroclor-1254	106	BQL
Aroclor-1260	106	BQL
Aroclor-1262	106	BQL

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-027-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-9B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 88.8
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/14/2004 13:02
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	105	BQL
Aroclor-1221	105	BQL
Aroclor-1232	105	BQL
Aroclor-1242	105	BQL
Aroclor-1248	105	BQL
Aroclor-1254	105	BQL
Aroclor-1260	105	BQL
Aroclor-1262	105	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	97	97

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-DP-030-001	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/14/2004 14:55
Lab Sample ID:	G442-267-10B	Date Received:	4/20/04
Lab Project ID:	G442-267	Date Analyzed:	4/27/04
Matrix:	Soil %SOLIDS: 78.2	Date Extracted:	4/22/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	128	BQL
Aroclor-1221	128	BQL
Aroclor-1232	128	BQL
Aroclor-1242	128	BQL
Aroclor-1248	128	BQL
Aroclor-1254	128	BQL
Aroclor-1260	128	BQL
Aroclor-1262	128	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	101	101

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-DP-032-001	Analyzed By:	CLP
Client Project ID:	Kuhlman Electric	Date Collected:	04/15/2004 08:15
Lab Sample ID:	G442-267-11B	Date Received:	4/20/04
Lab Project ID:	G442-267	Date Analyzed:	4/27/04
Matrix:	Soil %SOLIDS: 78.8	Date Extracted:	4/22/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	121	BQL
Aroclor-1221	121	BQL
Aroclor-1232	121	BQL
Aroclor-1242	121	BQL
Aroclor-1248	121	BQL
Aroclor-1254	121	BQL
Aroclor-1260	121	BQL
Aroclor-1262	121	BQL

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

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

Reviewed By: MM

Results for PCBs
by EPA 8082

Client Sample ID: MSL-Duplicate-R105
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-12B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 79.0
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/15/2004 00:00
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	126	BQL
Aroclor-1221	126	BQL
Aroclor-1232	126	BQL
Aroclor-1242	126	BQL
Aroclor-1248	126	BQL
Aroclor-1254	126	BQL
Aroclor-1260	126	BQL
Aroclor-1262	126	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	82	82

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-HA-036-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-13B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 83.6
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/15/2004 11:00
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	119	BQL
Aroclor-1221	119	BQL
Aroclor-1232	119	BQL
Aroclor-1242	119	BQL
Aroclor-1248	119	BQL
Aroclor-1254	119	BQL
Aroclor-1260	119	458
Aroclor-1262	119	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	80	80

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-040-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-14B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 80.0
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/15/2004 13:20
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

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	BQL
Aroclor-1262	120	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	82	82

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

Reviewed By: mc

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-042-002
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-15B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 77.6
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/15/2004 14:44
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	121	BQL
Aroclor-1221	121	BQL
Aroclor-1232	121	BQL
Aroclor-1242	121	BQL
Aroclor-1248	121	BQL
Aroclor-1254	121	BQL
Aroclor-1260	121	BQL
Aroclor-1262	121	BQL

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

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

Reviewed By: RAP

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-045-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-16B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 76.3
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/16/2004 08:15
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	129	BQL
Aroclor-1221	129	BQL
Aroclor-1232	129	BQL
Aroclor-1242	129	BQL
Aroclor-1248	129	BQL
Aroclor-1254	129	BQL
Aroclor-1260	129	4140
Aroclor-1262	129	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	121	121

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

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

Reviewed By: mc

Results for PCBs
by EPA 8082

Client Sample ID: MSL-Duplicate-R145
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-17C
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 75.0
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/16/2004 00:00
Date Received: 4/20/04
Date Analyzed: 5/3/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	122	BQL
Aroclor-1221	122	BQL
Aroclor-1232	122	BQL
Aroclor-1242	122	BQL
Aroclor-1248	122	BQL
Aroclor-1254	122	BQL
Aroclor-1260	122	1180
Aroclor-1262	122	BQL

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

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

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

Reviewed By: MS

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-046-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-18B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 77.7
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/16/2004 08:25
Date Received: 4/20/04
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	126	BQL
Aroclor-1221	126	BQL
Aroclor-1232	126	BQL
Aroclor-1242	126	BQL
Aroclor-1248	126	BQL
Aroclor-1254	126	BQL
Aroclor-1260	126	BQL
Aroclor-1262	126	BQL

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-052-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-19B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 89.6
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/16/2004 10:39
Date Received: 4/20/04
Date Analyzed: 5/3/04
Date Extracted: 4/26/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	109	BQL
Aroclor-1221	109	BQL
Aroclor-1232	109	BQL
Aroclor-1242	109	BQL
Aroclor-1248	109	BQL
Aroclor-1254	109	BQL
Aroclor-1260	109	BQL
Aroclor-1262	109	BQL

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-055-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-20B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 85.6
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/16/2004 14:34
Date Received: 4/20/04
Date Analyzed: 5/3/04
Date Extracted: 4/26/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	117	BQL
Aroclor-1221	117	BQL
Aroclor-1232	117	BQL
Aroclor-1242	117	BQL
Aroclor-1248	117	BQL
Aroclor-1254	117	BQL
Aroclor-1260	117	BQL
Aroclor-1262	117	BQL

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-Dupe-R170
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-21B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 82.4
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/17/2004 00:00
Date Received: 4/20/04
Date Analyzed: 5/3/04
Date Extracted: 4/26/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	118	BQL
Aroclor-1221	118	BQL
Aroclor-1232	118	BQL
Aroclor-1242	118	BQL
Aroclor-1248	118	BQL
Aroclor-1254	118	BQL
Aroclor-1260	118	BQL
Aroclor-1262	118	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	110	110

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-057-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-22B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 81.4
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/17/2004 08:25
Date Received: 4/20/04
Date Analyzed: 5/3/04
Date Extracted: 4/26/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	121	BQL
Aroclor-1221	121	BQL
Aroclor-1232	121	BQL
Aroclor-1242	121	BQL
Aroclor-1248	121	BQL
Aroclor-1254	121	BQL
Aroclor-1260	121	BQL
Aroclor-1262	121	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	49	49

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-059-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-23B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 73.4
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/17/2004 08:48
Date Received: 4/20/04
Date Analyzed: 5/3/04
Date Extracted: 4/26/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	131	BQL
Aroclor-1221	131	BQL
Aroclor-1232	131	BQL
Aroclor-1242	131	BQL
Aroclor-1248	131	BQL
Aroclor-1254	131	BQL
Aroclor-1260	131	320
Aroclor-1262	131	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	102	102

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-064-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-24B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 78.9
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/17/2004 10:26
Date Received: 4/20/04
Date Analyzed: 5/3/04
Date Extracted: 4/26/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	119	BQL
Aroclor-1221	119	BQL
Aroclor-1232	119	BQL
Aroclor-1242	119	BQL
Aroclor-1248	119	BQL
Aroclor-1254	119	BQL
Aroclor-1260	119	BQL
Aroclor-1262	119	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	93	93

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-067-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-267-25B
Lab Project ID: G442-267
Matrix: Soil %SOLIDS: 81.9
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/17/2004 11:35
Date Received: 4/20/04
Date Analyzed: 5/3/04
Date Extracted: 4/26/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	106	BQL
Aroclor-1221	106	BQL
Aroclor-1232	106	BQL
Aroclor-1242	106	BQL
Aroclor-1248	106	BQL
Aroclor-1254	106	BQL
Aroclor-1260	106	616
Aroclor-1262	106	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	93	93

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

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

Reviewed By: mr

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB1112
Lab Project ID:
Matrix: SOIL %SOLIDS: 100.0
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Date Analyzed: 5/3/04
Date Extracted: 4/26/04
Dilution: 1

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	113	113

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB1104
Lab Project ID:
Matrix: SOIL %SOLIDS: 100.0
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Date Analyzed: 4/27/04
Date Extracted: 4/22/04
Dilution: 1

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	72	72

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

Reviewed By: _____

MS/MSD Results for PCBs
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: S-QC-1112
Lab Project ID:
Matrix: Soil

Date Analyzed: 5/4/04
Analyzed By: CLP
Dilution: 1.0

MS/MSD

Compound	Sample	MS (ug/KG)	%Rec	MSD (ug/KG)	%Rec	RPD
Aroclor-1260	BQL	1178	118%	867	87%	30.4

LCS

Compound	Spiked (ug/KG)	Result (ug/KG)	%Rec	Limits Lower	Limits Upper
Aroclor 1260	1000	1025	103%	70	130

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

Reviewed By: _____

MS/MSD Results for PCBs
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: S-QC-1104
Lab Project ID:
Matrix: Soil

Date Analyzed: 4/27/04
Analyzed By: CLP
Dilution: 1.0

MS/MSD

Compound	Sample	MS (ug/KG)	%Rec	MSD (ug/KG)	%Rec	RPD
Aroclor-1260	BQL	861	86%	977	98%	12.6

LCS

Compound	Spiked (ug/KG)	Result (ug/KG)	%Rec	Limits Lower	Limits Upper
Aroclor 1260	1000	957	96%	70	130

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

Reviewed By: mc

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39882

G442267

Client: MARTIN & SCAGLE Project ID: KUHLMAN ELECTRIC Date: ~~13~~ 19 AP04 Report To: SAME

Address: Contact: ROBERT MARTIN Turnaround: STD

Address: BLACK MOUNTAIN NC Phone: Job Number:

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

[illegible]	[illegible]	[illegible]	[illegible]	Preservatives: NA	Analyses: PCB	Mobile Lab #	Depth
MSL-HA-011-001	13 AP 04	1226	S	X	X	R031	0-6"
MSL-DP-013-001	13 AP 04	1500	S	X	X	R034	0-6"
MSL-DUPLICATE	13 AP 04	—	S	X	X	R046	—
MSL-DP-017-001	14 AP 04	0830	S	X	X	R047	0-6"
MSL-DUPLICATE	14 AP 04	—	S	X	X	R059	—
MSL-DP-015-001	13 AP 04	1525	S	X	X	R040	0-6"
MSL-DP-022-001	14 AP 04	1034	S	X	X	R063	0-6"
MSL-DP-024-001	14 AP 04	1230	S	X	X	R069	0-6"
MSL-DP-027-001	14 AP 04	1302	S	X	X	R078	0-6"
MSL-DP-030-001	14 AP 04	1455	S	X	X	R087	0-6"

Comments: REC'D AT EXTRACTION 40 DAYS ANALYSIS MEET HOLD TIMES!

[illegible]	Date	Time	Received By	Date	Time	Temperature
[signature]	4/14/04	1535	[signature]	4/20/04	10:10	4.7°C

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39883

G442-267 Page 2 of 2

Client: MARTIN + SCAGCE
Address:
Address: BLACK MOUNTAIN N.C.
Quote #:

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

Date: ~~15~~ 19 AP 04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

[illegible]	[illegible]	[illegible]	[illegible]	Preservative: NA	Analysis: PCB	Modele Lab #	Depth
MSL-DP-032-001	15 AP 04	0815	S	X	X	R093	0-6"
MSL-DUPLICATE	15 AP 04	—	S	X	X	R105	—
MSL-HA-036-001	15AP04	11:00	S	X	X	R106	0-6"
~~DP-0~~							
MSL-DP-040-001	15AP04	13:20	S	X	X	R117	0-6"
MSL-DP-042-002	15 AP 04	14:44	S	X	X	R125	24-30"
MSL-DP-045-001	16AP04	0815	S	X	X	R133	0-6"
MSL-DUPLICATE	16AP04	—	S	X	X	R145	—
MSL-DP-046-001	16 AP04	08:25	S	X	X	R136	0-6"
MSL-DP-052-001	16AP04	10:39	S	X	X	R155	0-6"

Comments: 14 DAYS EXTRACTION 40 DAYS ANALYSIS MEET HOLD TIMES!

[illegible]	Date	Time	[illegible]	Date	Time	[illegible]
Richard Beach	4/16/04	10:50	Julie Johnson	4/20/04	10:10	4.7°C

NC ___ SC ___ Other ___

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

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# 34999

G442-267 Page 3 of 3

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

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

Date: 19 AP04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

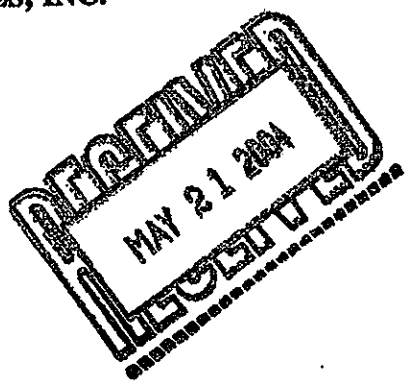
				NA	PCB's	Mobile Lab #	Depth	
MSL-DP-055-001	17 AP 04	1434	S	X	X	R164	0-6"	MEET HOLD TIMES 14 DAYS EXTRACTION 40 DAYS ANALYSIS
MSL-DUPE	17AP04	—	S	X	X	R170	—	
MSL-DP-057-001	17AP04	0825	S	X	X	R171	0-6"	
MSL-DP-059-001	17AP04	0848	S	X	X	R177	0-6"	
MSL-DP-064-001	17 AP04	1026	S	X	X	R193	0-6"	
MSL-DP-067-001	17 AP04	1135	S	X	X	R202	0-6"	

[signature]	4/19/04	11:50	[signature]	4/20/04	10:10	4.7°

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557



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

Report Number: G442-269

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. 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 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 Paradigm at (910) 350-1903. 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.

5/18/04
Date

Laboratory Directory
J. Patrick Weaver

Results for PCBs
by EPA 8082

Client Sample ID: MSL-Dupe-R217
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-1B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 83.9
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/19/2004 00:00
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	122	BQL
Aroclor-1221	122	BQL
Aroclor-1232	122	BQL
Aroclor-1242	122	BQL
Aroclor-1248	122	BQL
Aroclor-1254	122	BQL
Aroclor-1260	122	BQL
Aroclor-1262	122	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	56	56

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-068-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-2B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 82.9
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/19/2004 08:17
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

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	BQL
Aroclor-1262	120	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	102	102

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

Reviewed By:

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-071-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-3B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 91.9
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/19/2004 08:45
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	108	BQL
Aroclor-1221	108	BQL
Aroclor-1232	108	BQL
Aroclor-1242	108	BQL
Aroclor-1248	108	BQL
Aroclor-1254	108	BQL
Aroclor-1260	108	216
Aroclor-1262	108	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	114	114

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

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-076-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-4B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 83.0
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/19/2004 12:30
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	116	BQL
Aroclor-1221	116	BQL
Aroclor-1232	116	BQL
Aroclor-1242	116	BQL
Aroclor-1248	116	BQL
Aroclor-1254	116	BQL
Aroclor-1260	116	3070
Aroclor-1262	116	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	116	116

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

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-078-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-5B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 88.7
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/19/2004 13:05
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	104	BQL
Aroclor-1221	104	BQL
Aroclor-1232	104	BQL
Aroclor-1242	104	BQL
Aroclor-1248	104	BQL
Aroclor-1254	104	BQL
Aroclor-1260	104	BQL
Aroclor-1262	104	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	107	107

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

Reviewed By: DW

Results for PCBs
by EPA 8082

Client Sample ID: MSL-Dupe-R252
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-6B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 88.3
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/20/2004 00:00
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	114	BQL
Aroclor-1221	114	BQL
Aroclor-1232	114	BQL
Aroclor-1242	114	BQL
Aroclor-1248	114	BQL
Aroclor-1254	114	BQL
Aroclor-1260	114	1230
Aroclor-1262	114	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	56	56

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

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-079-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-7B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 89.6
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/20/2004 07:36
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

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	2880
Aroclor-1262	110	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	118	118

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

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-087-003
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-8B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 87.3
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/20/2004 13:10
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	116	BQL
Aroclor-1221	116	BQL
Aroclor-1232	116	BQL
Aroclor-1242	116	BQL
Aroclor-1248	116	BQL
Aroclor-1254	116	BQL
Aroclor-1260	116	BQL
Aroclor-1262	116	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	103	103

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

Reviewed By:

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-089-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-9B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 78.4
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/20/2004 14:40
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	126	BQL
Aroclor-1221	126	BQL
Aroclor-1232	126	BQL
Aroclor-1242	126	BQL
Aroclor-1248	126	BQL
Aroclor-1254	126	BQL
Aroclor-1260	126	1230
Aroclor-1262	126	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	103	103

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

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

Reviewed By: EWL

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-093-003
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-10B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 89.7
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/20/2004 15:32
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

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	93	93

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-094-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-11B
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 94.7
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/21/2004 10:45
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	104	BQL
Aroclor-1221	104	BQL
Aroclor-1232	104	BQL
Aroclor-1242	104	BQL
Aroclor-1248	104	BQL
Aroclor-1254	104	BQL
Aroclor-1260	104	141
Aroclor-1262	104	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	144	144

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

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-Dupe-R289
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-269-12E
Lab Project ID: G442-269
Matrix: Soil %SOLIDS: 95.5
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/21/2004 00:00
Date Received: 4/29/04
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	105	BQL
Aroclor-1221	105	BQL
Aroclor-1232	105	BQL
Aroclor-1242	105	BQL
Aroclor-1248	105	BQL
Aroclor-1254	105	BQL
Aroclor-1260	105	BQL
Aroclor-1262	105	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	132	132

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

Reviewed By: DWL

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB1133
Lab Project ID:
Matrix: SOIL %SOLIDS: 100.0
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Date Analyzed: 5/10/04
Date Extracted: 5/3/04
Dilution: 1

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	119	119

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

Reviewed By:

MS/MSD Results for PCBs
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: S-QC-1133
Lab Project ID:
Matrix: Soil

Date Analyzed: 5/10/04
Analyzed By: CLP
Dilution: 1.0

MS/MSD

Compound	Sample	MS (ug/KG)	%Rec	MSD (ug/KG)	%Rec	RPD
Aroclor-1260	BQL	1017	102%	1174	117%	14.3

LCS

Compound	Spiked (ug/KG)	Result (ug/KG)	%Rec	Limits Lower	Limits Upper
Aroclor 1260	1000	733	73%	70	130

Reviewed By:

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

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39890

Page 1 of ____

Client: MARTIN + SLAGLE | Project ID: KUHLMAN ELECTRIC | Date: ____ | Report To: SAME

Address: ____ | Contact: ROBERT MARTIN | Turnaround: STD

Address: BLACK MOUNTAIN, N.C. | Phone: ____ | Job Number: ____

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

Sample ID	Date	Time	Matrix	VA				PCB's								BTEX	MOBILE LAB #	Extraction
MSL - DUPE	4/19/04	—	S	X				X								—	R214	
MSL - DP-065-001		0817		X				X								0-6"	R205	G442-269
MSL-DP-071-001		0845		X				X								0-6"	R214	
MSL-DP-076-001		1230		X				X								0-6"	R230	
MSL-DP-078-001	↓	1305		X				X								0-6"	R235	
MSD DUPE	4/20/04	—		X				X								—	R252	
MSL-DP-079-001		0736		X				X								0-6"	R238	
MSL-DP-087-003		1310		X				X								30-48"	R264	
MSL-DP-089-001		1440		X				X								0-6"	R268	
MSL-DP-093-03	↓	1532		X				X								30-48"	R282	

Relinquished By	Date	Time	Received By	Date	Time	Temperature	Sample Conditions/Special Instructions
[signature]	4-28-04	10:31	Marvin Diaz	4/29/04	10:00	0.6	NC ____ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 39889

Page 2 of

Client: MARTIN + SLAGLE
Address:
Address: BLACK MOUNTAIN, N.C.
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	Preservation: NA	Analysis: PCB's	Depth	Comments: Please specify any special reporting requirements
							MOBILE LAB #
MSL-DP-044-001	4/21/4	1045	S	X	X	0-6"	R283
MSL-DUPE	"	–	S	X	X	–	R289
							G442-269

14-DAYS EXTRACTION
40-DAYS ANALYSIS
MEET HOLD TIMES

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	4-29-04	10:32	Marvin Diaz	4/29/04	10:00	0.6

Data Certification Requested: NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

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

Report Number: G442-271

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. 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 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 Paradigm at (910) 350-1903. 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.

5/19/04
Laboratory Director Date
J. Patrick Weaver

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-096-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-271-1B
Lab Project ID: G442-271
Matrix: Soil %SOLIDS: 92.9
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/28/2004 08:40
Date Received: 5/4/04
Date Analyzed: 5/10/04
Date Extracted: 5/6/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	102	BQL
Aroclor-1221	102	BQL
Aroclor-1232	102	BQL
Aroclor-1242	102	BQL
Aroclor-1248	102	BQL
Aroclor-1254	102	BQL
Aroclor-1260	102	268
Aroclor-1262	102	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	116	116

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

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-Duplicate-R292
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-271-2B
Lab Project ID: G442-271
Matrix: Soil %SOLIDS: 92.7
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/28/2004 00:00
Date Received: 5/4/04
Date Analyzed: 5/10/04
Date Extracted: 5/6/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	108	BQL
Aroclor-1221	108	BQL
Aroclor-1232	108	BQL
Aroclor-1242	108	BQL
Aroclor-1248	108	BQL
Aroclor-1254	108	BQL
Aroclor-1260	108	231
Aroclor-1262	108	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	107	107

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

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-102-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-271-3B
Lab Project ID: G442-271
Matrix: Soil %SOLIDS: 89.5
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/30/2004 16:07
Date Received: 5/4/04
Date Analyzed: 5/10/04
Date Extracted: 5/6/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	107	BQL
Aroclor-1221	107	BQL
Aroclor-1232	107	BQL
Aroclor-1242	107	BQL
Aroclor-1248	107	BQL
Aroclor-1254	107	BQL
Aroclor-1260	107	BQL
Aroclor-1262	107	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	105	105

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

Reviewed By:

Results for PCBs
by EPA 8082

Client Sample ID: MSL-DP-102-002
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-271-4B
Lab Project ID: G442-271
Matrix: Soil %SOLIDS: 90.3
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 04/30/2004 16:10
Date Received: 5/4/04
Date Analyzed: 5/10/04
Date Extracted: 5/6/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	107	BQL
Aroclor-1221	107	BQL
Aroclor-1232	107	BQL
Aroclor-1242	107	BQL
Aroclor-1248	107	BQL
Aroclor-1254	107	BQL
Aroclor-1260	107	BQL
Aroclor-1262	107	BQL

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

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

Reviewed By: [signature]

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB1143
Lab Project ID:
Matrix: SOIL %SOLIDS: 100.0
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Date Analyzed: 5/10/04
Date Extracted: 5/6/04
Dilution: 1

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: [signature]

MS/MSD Results for PCBs
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: S-QC-1143
Lab Project ID:
Matrix: Soil

Date Analyzed: 5/10/04
Analyzed By: CLP
Dilution: 1.0

MS/MSD

Compound	Sample	MS (ug/KG)	%Rec	MSD (ug/KG)	%Rec	RPD
Aroclor-1260	BQL	970	97%	806	81%	18.5

LCS

Compound	Spiked (ug/KG)	Result (ug/KG)	%Rec	Limits Lower	Limits Upper
Aroclor 1260	1000	943	94%	70	130

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

Reviewed By: [signature]

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

ARADIGM A[illegible]LYTICAL LABORATORIES, INC.
500 Business D[illegible], Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Cus[illegible] Record & Analytical Request

COC# 3[illegible]87
Page 1 of 1

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

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

Date: 3 MAY 04
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
				N/A	PCB's	MOBILE LAB # / DEPTH / 14-DAYS EXTRACTION / 40-DAYS ANALYSIS
LSL-DP-096-001	4/28/04	0840	S	X	X	R290 0-6"
LSL-DUP-047R	4/28/04	—	S	X	X	R292 —
LSL-DP-102-001	30 APR 04	1607	S	X	X	R303 0-6"
LSL-DP-102-002	30 APR 04	1610	S	X	X	R304 24-30"
						6442-271
						MEET HOLD TIMES

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Richard Beal	5/3/04	1314	John Johnson	5/4/04	10:10	4.9°C

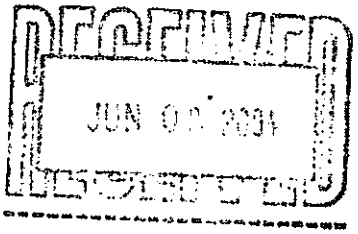
State Certification Requested
NC ___ SC ___ Other ___

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

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



Report Number: G442-277

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. 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 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 Paradigm at (910) 350-1903. 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.

5/27/04

Laboratory Director Date
J. Patrick Weaver

Results for PCBs
by EPA 8082

Client Sample ID: MSL-TR-003-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-277-1B
Lab Project ID: G442-277
Matrix: Soil %SOLIDS: 85.2
Report Basis: Dry Weight

Analyzed By:
Date Collected: 05/11/2004 09:50
Date Received: 5/18/04
Date Analyzed: 5/26/04
Date Extracted: 5/21/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	108	BQL
Aroclor-1221	108	BQL
Aroclor-1232	108	BQL
Aroclor-1242	108	BQL
Aroclor-1248	108	BQL
Aroclor-1254	108	BQL
Aroclor-1260	108	2030
Aroclor-1262	108	BQL

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

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-TR-003-Dup
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-277-2B
Lab Project ID: G442-277
Matrix: Soil %SOLIDS: 84.2
Report Basis: Dry Weight

Analyzed By:
Date Collected: 05/11/2004 00:00
Date Received: 5/18/04
Date Analyzed: 5/26/04
Date Extracted: 5/21/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	112	BQL
Aroclor-1221	112	BQL
Aroclor-1232	112	BQL
Aroclor-1242	112	BQL
Aroclor-1248	112	BQL
Aroclor-1254	112	BQL
Aroclor-1260	112	1880
Aroclor-1262	112	BQL

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

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-TR-004-005
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-277-3B
Lab Project ID: G442-277
Matrix: Soil %SOLIDS: 85.8
Report Basis: Dry Weight

Analyzed By:
Date Collected: 05/11/2004 15:10
Date Received: 5/18/04
Date Analyzed: 5/26/04
Date Extracted: 5/21/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	117	BQL
Aroclor-1221	117	BQL
Aroclor-1232	117	BQL
Aroclor-1242	117	BQL
Aroclor-1248	117	BQL
Aroclor-1254	117	BQL
Aroclor-1260	117	400
Aroclor-1262	117	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	115	115

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

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

Reviewed By: ____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-TR-005-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-277-4B
Lab Project ID: G442-277
Matrix: Soil %SOLIDS: 84.5
Report Basis: Dry Weight

Analyzed By:
Date Collected: 05/13/2004 08:45
Date Received: 5/18/04
Date Analyzed: 5/26/04
Date Extracted: 5/21/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	119	BQL
Aroclor-1221	119	BQL
Aroclor-1232	119	BQL
Aroclor-1242	119	BQL
Aroclor-1248	119	BQL
Aroclor-1254	119	BQL
Aroclor-1260	119	1770
Aroclor-1262	119	BQL

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

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

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

Reviewed By:

Results for PCBs
by EPA 8082

Client Sample ID:	MSL-TR-005-Dup	Analyzed By:	
Client Project ID:	Kuhlman Electric	Date Collected:	05/13/2004 00:00
Lab Sample ID:	G442-277-5B	Date Received:	5/18/04
Lab Project ID:	G442-277	Date Analyzed:	5/26/04
Matrix:	Soil %SOLIDS: 85.6	Date Extracted:	5/21/04
Report Basis:	Dry Weight	Dilution:	1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	115	BQL
Aroclor-1221	115	BQL
Aroclor-1232	115	BQL
Aroclor-1242	115	BQL
Aroclor-1248	115	BQL
Aroclor-1254	115	BQL
Aroclor-1260	115	1630
Aroclor-1262	115	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	130	130

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB1181
Lab Project ID:
Matrix: SOIL %SOLIDS: 100.0
Report Basis: Dry Weight

Analyzed By:
Date Collected:
Date Received:
Date Analyzed: 5/25/04
Date Extracted: 5/21/04
Dilution: 1

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	105	105

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

Reviewed By: _____

MS/MSD Results for PCBs
by GC 8082

Client Sample ID:	Batch QC	Date Analyzed:	5/25/04
Client Project ID:		Analyzed By:	CLP
Lab Sample ID:	S-QC-1181	Dilution:	1.0
Lab Project ID:			
Matrix:	Soil		

MS/MSD

Compound	Sample	MS (ug/KG)	%Rec	MSD (ug/KG)	%Rec	RPD
Aroclor-1260	1883	2970	109%	2568	69%	45.4

LCS

Compound	Spiked (ug/KG)	Result (ug/KG)	%Rec	Limits Lower	Limits Upper
Aroclor 1260	1000	1009	101%	70	130

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

Reviewed By: _____

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

PARAD[illegible]M ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 35117

Page 1 of 1

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

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

Date: 17MY04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservation: NA				Analysis: Pb										Comments: Please specify any special reporting requirements. Mobile Lab #	Depth
MSL-TR-003-001	5/11/04	0950	S	X				X										R355	0-6"
MSL-TR-003-Dup	5/11/04	—	S	X				X										R359	—
MSL-TR-004-005	5/11/04	1510	S	X				X										R367	8-10'
MSL-TR-005-001	5/13/04	0845	S	X				X										R368	0-6"
MSL-TR-005-Dup	5/13/04	—	S	X				X										R372	—

G442-277

Relinquished By	Date	Time	Received By	Date	Time	Temperature
Charles [illegible]	5/17/04	1400	[illegible signature]	5/18/04	10:15	5.6°

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive
Wilmington, North Carolina 28405
(910) 350-1903
Fax (910) 350-1557

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

Report Number: G442-276

Client Project: Kuhlman Electric

Dear Mr. Martin:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. 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 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 Paradigm at (910) 350-1903. 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.

5/27/04

Laboratory Director Date
J. Patrick Weaver

Results for PCBs
by EPA 8082

Client Sample ID: MSL-TR-001-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-276-1C
Lab Project ID: G442-276
Matrix: Soil %SOLIDS: 81.4
Report Basis: Dry Weight

Analyzed By:
Date Collected: 05/10/2004 10:15
Date Received: 5/12/04
Date Analyzed: 5/25/04
Date Extracted: 5/17/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	118	BQL
Aroclor-1221	118	BQL
Aroclor-1232	118	BQL
Aroclor-1242	118	BQL
Aroclor-1248	118	BQL
Aroclor-1254	118	BQL
Aroclor-1260	118	2360
Aroclor-1262	118	BQL

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	122	122

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-TR-001-Dup
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-276-2B
Lab Project ID: G442-276
Matrix: Soil %SOLIDS: 81.4
Report Basis: Dry Weight

Analyzed By:
Date Collected: 05/10/2004 00:00
Date Received: 5/12/04
Date Analyzed: 5/25/04
Date Extracted: 5/17/04
Dilution: 1

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	123	BQL
Aroclor-1221	123	BQL
Aroclor-1232	123	BQL
Aroclor-1242	123	BQL
Aroclor-1248	123	BQL
Aroclor-1254	123	BQL
Aroclor-1260	123	1380
Aroclor-1262	123	BQL

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

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: MSL-TR-002-006
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-276-3B
Lab Project ID: G442-276
Matrix: Soil %SOLIDS: 84.5
Report Basis: Dry Weight

Analyzed By:
Date Collected: 05/10/2004 16:45
Date Received: 5/12/04
Date Analyzed: 5/26/04
Date Extracted: 5/17/04
Dilution: 20

Compound	Quantitation Limit ug/KG	Result ug/KG
Aroclor-1016	2340	BQL
Aroclor-1221	2340	BQL
Aroclor-1232	2340	BQL
Aroclor-1242	2340	BQL
Aroclor-1248	2340	BQL
Aroclor-1254	2340	BQL
Aroclor-1260	2340	29600
Aroclor-1262	2340	BQL

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

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

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

Reviewed By: _____

Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB1165
Lab Project ID:
Matrix: SOIL %SOLIDS: 100.0
Report Basis: Dry Weight

Analyzed By:
Date Collected:
Date Received:
Date Analyzed: 5/25/04
Date Extracted: 5/17/04
Dilution: 1

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	140	140

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

Reviewed By: _____

MS/MSD Results for PCBs
by GC 8082

Client Sample ID: Batch QC
Client Project ID:
Lab Sample ID: S-QC-1165
Lab Project ID:
Matrix: Soil

Date Analyzed: 5/25/04
Analyzed By: CLP
Dilution: 20.0

MS/MSD

Compound	Sample	MS (ug/KG)	%Rec	MSD (ug/KG)	%Rec	RPD
Aroclor-1260	1263	N/A	N/A	N/A	N/A	N/A

LCS

Compound	Spiked (ug/KG)	Result (ug/KG)	%Rec	Limits Lower	Limits Upper
Aroclor 1260	1000	789	79%	70	130

Note:
Matrix spike diluted out.

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

Reviewed By: _____

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit

DF = Dilution Factor

Dup = Duplicate

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 35116

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Page 1 of 1

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

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

Date: 5/11/04
Turnaround: STD
Job Number:
P.O. Number:

Report To: SAME
Invoice To: SAME

[illegible]	[illegible]	[illegible]	[illegible]	NA				PCBs										[illegible]
																		MOBIL LAB # / Depth
MSL-TR-001-001	5/10/04	1015	S	X				X										R343 0-6"
MCL-TR-001-DUP	5/10/04	—	S	X				X										R350 —
MSL-TR-002-006	5/10/04	1645	S	X				X										R353 7-8'
																		G442-276

Must hold time - 14 days extraction [illegible] 40 days analysis

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Richard Beach	5/11/04	1648	Julie Johnson	5/12/04	1005	3.8°C	

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

ORIGINAL