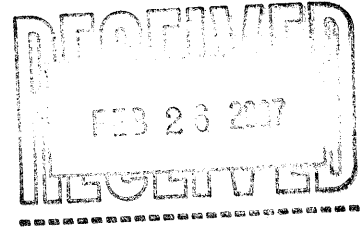




Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain NC 28711

Report Number: G442-518

Client Project: Kuhlman Electric



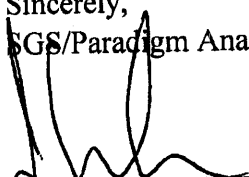
Dear Mr. Martin:

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 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 SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/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,
SGS/Paradigm Analytical Laboratories, Inc.


Laboratory Director
J. Patrick Weaver


Date



Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-009-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-1B
Lab Project ID: G442-518
Sample Wt/Vol: 10.30 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/2/07 12:00
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 90.9

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	107	1	02/20/07
Aroclor-1221	BQL	107	1	02/20/07
Aroclor-1232	BQL	107	1	02/20/07
Aroclor-1242	BQL	107	1	02/20/07
Aroclor-1248	BQL	107	1	02/20/07
Aroclor-1254	BQL	107	1	02/20/07
Aroclor-1260	BQL	107	1	02/20/07
Aroclor-1262	BQL	107	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	97.9	97.9
DCBP	100	97.0	97.0

Comments:

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

Reviewed By: 

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Results for PCBs
by EPA 8082

Client Sample ID: Duplicate (LL018)
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-2B
Lab Project ID: G442-518
Sample Wt/Vol: 11.06 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/2/07 0:00
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 89.8

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	101	1	02/20/07
Aroclor-1221	BQL	101	1	02/20/07
Aroclor-1232	BQL	101	1	02/20/07
Aroclor-1242	BQL	101	1	02/20/07
Aroclor-1248	BQL	101	1	02/20/07
Aroclor-1254	BQL	101	1	02/20/07
Aroclor-1260	BQL	101	1	02/20/07
Aroclor-1262	BQL	101	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	99.3	99.3
DCBP	100	97.9	97.9

Comments:

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

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Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-010-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-3B
Lab Project ID: G442-518
Sample Wt/Vol: 10.49 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/5/07 11:28
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 87.1

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	109	1	02/20/07
Aroclor-1221	BQL	109	1	02/20/07
Aroclor-1232	BQL	109	1	02/20/07
Aroclor-1242	BQL	109	1	02/20/07
Aroclor-1248	BQL	109	1	02/20/07
Aroclor-1254	BQL	109	1	02/20/07
Aroclor-1260	BQL	109	1	02/20/07
Aroclor-1262	BQL	109	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100
DCBP	100	97.0	97.0

Comments:

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

Reviewed By:

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Results for PCBs
by EPA 8082

Client Sample ID: Duplicate (LL020)
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-4B
Lab Project ID: G442-518
Sample Wt/Vol: 10.49 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/5/07 0:00
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 90.1

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	106	1	02/20/07
Aroclor-1221	BQL	106	1	02/20/07
Aroclor-1232	BQL	106	1	02/20/07
Aroclor-1242	BQL	106	1	02/20/07
Aroclor-1248	BQL	106	1	02/20/07
Aroclor-1254	BQL	106	1	02/20/07
Aroclor-1260	BQL	106	1	02/20/07
Aroclor-1262	BQL	106	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	95.2	95.2
DCBP	100	92.9	92.9

Comments:

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

Reviewed By:

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Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-011-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-5B
Lab Project ID: G442-518
Sample Wt/Vol: 10.29 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/6/07 11:00
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 88.1

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	110	1	02/20/07
Aroclor-1221	BQL	110	1	02/20/07
Aroclor-1232	BQL	110	1	02/20/07
Aroclor-1242	BQL	110	1	02/20/07
Aroclor-1248	BQL	110	1	02/20/07
Aroclor-1254	BQL	110	1	02/20/07
Aroclor-1260	BQL	110	1	02/20/07
Aroclor-1262	BQL	110	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	99.7	99.7
DCBP	100	97.2	97.2

Comments:

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

Reviewed By:

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Results for PCBs
by EPA 8082

Client Sample ID: Duplicate (LL022)
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-6B
Lab Project ID: G442-518
Sample Wt/Vol: 10.38 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/6/07 0:00
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 91.2

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	106	1	02/20/07
Aroclor-1221	BQL	106	1	02/20/07
Aroclor-1232	BQL	106	1	02/20/07
Aroclor-1242	BQL	106	1	02/20/07
Aroclor-1248	BQL	106	1	02/20/07
Aroclor-1254	BQL	106	1	02/20/07
Aroclor-1260	BQL	106	1	02/20/07
Aroclor-1262	BQL	106	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	101	101
DCBP	100	99.5	99.5

Comments:

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

Reviewed By:

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Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-012-001
 Client Project ID: Kuhlman Electric
 Lab Sample ID: G442-518-7B
 Lab Project ID: G442-518
 Sample Wt/Vol: 10.76 ColumnID: STX-CLPest
 Report Basis: Dry Weight

Analyzed By: DES
 Date Collected: 2/7/07 10:50
 Date Received: 2/9/07
 Date Extracted: 2/16/07
 Matrix: Soil
 %SOLIDS: 93.2

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	99.7	1	02/20/07
Aroclor-1221	BQL	99.7	1	02/20/07
Aroclor-1232	BQL	99.7	1	02/20/07
Aroclor-1242	BQL	99.7	1	02/20/07
Aroclor-1248	BQL	99.7	1	02/20/07
Aroclor-1254	BQL	99.7	1	02/20/07
Aroclor-1260	BQL	99.7	1	02/20/07
Aroclor-1262	BQL	99.7	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	93.9	93.9
DCBP	100	90.8	90.8

Comments:

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

Reviewed By:

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Results for PCBs
by EPA 8082

Client Sample ID: MS1-Duplicate (LL024)
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-8B
Lab Project ID: G442-518
Sample Wt/Vol: 11.61 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/7/07 0:00
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 95.5

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	90.2	1	02/20/07
Aroclor-1221	BQL	90.2	1	02/20/07
Aroclor-1232	BQL	90.2	1	02/20/07
Aroclor-1242	BQL	90.2	1	02/20/07
Aroclor-1248	BQL	90.2	1	02/20/07
Aroclor-1254	BQL	90.2	1	02/20/07
Aroclor-1260	132	90.2	1	02/20/07
Aroclor-1262	BQL	90.2	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	98.7	98.7
DCBP	100	96.8	96.8

*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: fr

8082.06



Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-014-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-9B
Lab Project ID: G442-518
Sample Wt/Vol: 10.21 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/8/07 12:05
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 85.4

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	115	1	02/20/07
Aroclor-1221	BQL	115	1	02/20/07
Aroclor-1232	BQL	115	1	02/20/07
Aroclor-1242	BQL	115	1	02/20/07
Aroclor-1248	BQL	115	1	02/20/07
Aroclor-1254	BQL	115	1	02/20/07
Aroclor-1260	BQL	115	1	02/20/07
Aroclor-1262	BQL	115	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	97.8	97.8
DCBP	100	96.5	96.5

Comments:

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

Reviewed By: RM

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**Results for PCBs
by EPA 8082**

Client Sample ID: MS1-Duplicate (LL029)
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-518-10B
Lab Project ID: G442-518
Sample Wt/Vol: 10.76 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 2/8/07 0:00
Date Received: 2/9/07
Date Extracted: 2/16/07
Matrix: Soil
%SOLIDS: 87.8

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	106	1	02/20/07
Aroclor-1221	BQL	106	1	02/20/07
Aroclor-1232	BQL	106	1	02/20/07
Aroclor-1242	BQL	106	1	02/20/07
Aroclor-1248	BQL	106	1	02/20/07
Aroclor-1254	BQL	106	1	02/20/07
Aroclor-1260	BQL	106	1	02/20/07
Aroclor-1262	BQL	106	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	97.2	97.2
DCBP	100	93.3	93.3

Comments:

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

Reviewed By:

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Results for PCBs
by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: PB7350

Lab Project ID:

Sample Wt/Vol: 32.0 g ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DES

Date Collected:

Date Received:

Date Extracted: 2/16/07

Matrix: SOIL

%SOLIDS: 100.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	31.2	1	02/20/07
Aroclor-1221	BQL	31.2	1	02/20/07
Aroclor-1232	BQL	31.2	1	02/20/07
Aroclor-1242	BQL	31.2	1	02/20/07
Aroclor-1248	BQL	31.2	1	02/20/07
Aroclor-1254	BQL	31.2	1	02/20/07
Aroclor-1260	BQL	31.2	1	02/20/07
Aroclor-1262	BQL	31.2	1	02/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	101	101
DCBP	100	100.0	100.0

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

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QC Results for PCBs
by EPA 8082

Client Sample ID: Batch QC
Lab Sample ID: G442-518-2B
Batch ID: 7350

Analyzed By: DES
Matrix: SOIL

MS/MSD

Analyte	Sample ug/KG	Spiked ug/KG	MS ug/KG	%REC (Limit 32-142)	Spiked ug/KG	MSD ug/KG	%REC (Limit 32-142)	RPD (Limit 12)
Aroclor-1260	BQL	979	918	93.8	1080	1000	92.6	1.29

LCS

Analyte	Spiked ug/KG	Result ug/KG	REC %	Limits	
				Lower	Upper
Aroclor-1260	312.5	305	97.6	70	130

Comments:

= Outside Control Limits

Reviewed by:



List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

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.



CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

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 • West Virginia
 www.us.sgs.com 0655



1 CLIENT: MARTIN + SLAGLE PHONE NO: ()
 CONTACT: ROBERT MARTIN
 PROJECT: KUTLHMAN ELECTRIC SITE/PWSID#: E-MAIL:
 REPORTS TO: SAME FAX NO: ()
 INVOICE TO: SAME QUOTE #
 P.O. NUMBER

2

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	NO CONTAINERS	SAMPLE TYPE	Preservatives Used	Analysis Required	REMARKS
	MMS1-EFS-009-001	02/02/07	1200	S	1	C= COMP	NA	3	
	Duplicate	02/02/07		S	1	G= GRAB			
	MMS1-EFS-010-001	2/5/07	1128	S	1				
	Duplicate	2/5/07		S	1				
	MMS1-EFS-011-001	2/6/07	1100	S	1				
	Duplicate	2/6/07		S	1				
	MMS1-EFS-012-001	2/2/07	1050	S	1				
	MMS1-Duplicate	2/2/07		S	1				
	MMS1-EFS-014-001	2/8/07	1205	S	1				
	MMS1-Duplicate	2/8/07		S	1				

3

4

5

SGS Reference: G442-518

PAGE 1 OF 1

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

Temperature (C): 12

Shipping Ticket No:

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

Requested Turnaround Time and Special Instructions: (Circle) ABSENT

Received By: Amy D. [Signature]

Received By: [Signature]

Received By: [Signature]

Received By: [Signature]