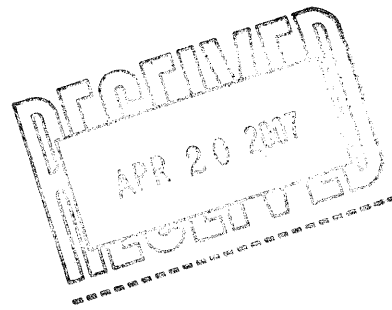




Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain NC 28711

Report Number: G442-529

Client Project: Kuhlman Electric
Report Revised: April 12, 2007



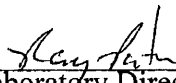
Dear Mr. Martin:

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

4/12/2007

Date



Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-032-001

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-529-1B

Lab Project ID: G442-529

Sample Wt/Vol: 12.95 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DES

Date Collected: 2/26/2007 12:48

Date Received: 3/3/2007

Date Extracted: 3/10/2007

Matrix: Soil

%SOLIDS: 88.2

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	87.5	1	03/12/07
Aroclor-1221	BQL	87.5	1	03/12/07
Aroclor-1232	BQL	87.5	1	03/12/07
Aroclor-1242	BQL	87.5	1	03/12/07
Aroclor-1248	BQL	87.5	1	03/12/07
Aroclor-1254	BQL	87.5	1	03/12/07
Aroclor-1260	BQL	87.5	1	03/12/07
Aroclor-1262	BQL	87.5	1	03/12/07
Aroclor-1268	BQL	87.5	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	88.6	88.6
DCBP	100	89.8	89.8

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: pm

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: DUPLICATE (LL068)

Analyzed By: DES

Client Project ID: Kuhlman Electric

Date Collected: 2/26/2007

Lab Sample ID: G442-529-2B

Date Received: 3/3/2007

Lab Project ID: G442-529

Date Extracted: 3/10/2007

Sample Wt/Vol: 11.40 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 87.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	101	1	03/12/07
Aroclor-1221	BQL	101	1	03/12/07
Aroclor-1232	BQL	101	1	03/12/07
Aroclor-1242	BQL	101	1	03/12/07
Aroclor-1248	BQL	101	1	03/12/07
Aroclor-1254	BQL	101	1	03/12/07
Aroclor-1260	BQL	101	1	03/12/07
Aroclor-1262	BQL	101	1	03/12/07
Aroclor-1268	BQL	101	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	90.6	90.6
DCBP	100	90.9	90.9

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: pm

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-037-001

Analyzed By: DES

Client Project ID: Kuhlman Electric

Date Collected: 2/26/2007 15:05

Lab Sample ID: G442-529-3B

Date Received: 3/3/2007

Lab Project ID: G442-529

Date Extracted: 3/10/2007

Sample Wt/Vol: 11.27 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 86.1

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	103	1	03/12/07
Aroclor-1221	BQL	103	1	03/12/07
Aroclor-1232	BQL	103	1	03/12/07
Aroclor-1242	BQL	103	1	03/12/07
Aroclor-1248	BQL	103	1	03/12/07
Aroclor-1254	BQL	103	1	03/12/07
Aroclor-1260	BQL	103	1	03/12/07
Aroclor-1262	BQL	103	1	03/12/07
Aroclor-1268	BQL	103	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	92.2	92.2
DCBP	100	93.6	93.6

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-038-001

Analyzed By: DES

Client Project ID: Kuhlman Electric

Date Collected: 2/27/2007 16:30

Lab Sample ID: G442-529-4B

Date Received: 3/3/2007

Lab Project ID: G442-529

Date Extracted: 3/10/2007

Sample Wt/Vol: 12.64 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 88.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	89.9	1	03/12/07
Aroclor-1221	BQL	89.9	1	03/12/07
Aroclor-1232	BQL	89.9	1	03/12/07
Aroclor-1242	BQL	89.9	1	03/12/07
Aroclor-1248	BQL	89.9	1	03/12/07
Aroclor-1254	BQL	89.9	1	03/12/07
Aroclor-1260	BQL	89.9	1	03/12/07
Aroclor-1262	BQL	89.9	1	03/12/07
Aroclor-1268	BQL	89.9	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	95.6	95.6
DCBP	100	96.0	96.0

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: rne

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: DUPLICATE (LL076) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 2/27/2007
Lab Sample ID: G442-529-5B Date Received: 3/3/2007
Lab Project ID: G442-529 Date Extracted: 3/10/2007
Sample Wt/Vol: 10.22 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 88.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	111	1	03/12/07
Aroclor-1221	BQL	111	1	03/12/07
Aroclor-1232	BQL	111	1	03/12/07
Aroclor-1242	BQL	111	1	03/12/07
Aroclor-1248	BQL	111	1	03/12/07
Aroclor-1254	BQL	111	1	03/12/07
Aroclor-1260	BQL	111	1	03/12/07
Aroclor-1262	BQL	111	1	03/12/07
Aroclor-1268	BQL	111	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	93.3	93.3
DCBP	100	93.5	93.5

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

Reviewed By: RM

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-040-001

Analyzed By: DES

Client Project ID: Kuhlman Electric

Date Collected: 2/28/2007 11:00

Lab Sample ID: G442-529-6B

Date Received: 3/3/2007

Lab Project ID: G442-529

Date Extracted: 3/10/2007

Sample Wt/Vol: 10.40 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 89.7

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	107	1	03/12/07
Aroclor-1221	BQL	107	1	03/12/07
Aroclor-1232	BQL	107	1	03/12/07
Aroclor-1242	BQL	107	1	03/12/07
Aroclor-1248	BQL	107	1	03/12/07
Aroclor-1254	BQL	107	1	03/12/07
Aroclor-1260	BQL	107	1	03/12/07
Aroclor-1262	BQL	107	1	03/12/07
Aroclor-1268	BQL	107	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	90.1	90.1
DCBP	100	93.7	93.7

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: full

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: DUPLICATE (LL078) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 2/28/2007 0:00
Lab Sample ID: G442-529-7B Date Received: 3/3/2007
Lab Project ID: G442-529 Date Extracted: 3/10/2007
Sample Wt/Vol: 32.06 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 88.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	106	1	03/12/07
Aroclor-1221	BQL	106	1	03/12/07
Aroclor-1232	BQL	106	1	03/12/07
Aroclor-1242	BQL	106	1	03/12/07
Aroclor-1248	BQL	106	1	03/12/07
Aroclor-1254	BQL	106	1	03/12/07
Aroclor-1260	BQL	106	1	03/12/07
Aroclor-1262	BQL	106	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	86.5	86.5
DCBP	100	87.6	87.6

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

Reviewed By: 

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: MS1-EFS-044-001 Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/2/2007 10:30
Lab Sample ID: G442-529-8B Date Received: 3/3/2007
Lab Project ID: G442-529 Date Extracted: 3/10/2007
Sample Wt/Vol: 34.40 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 85.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	103	1	03/12/07
Aroclor-1221	BQL	103	1	03/12/07
Aroclor-1232	BQL	103	1	03/12/07
Aroclor-1242	BQL	103	1	03/12/07
Aroclor-1248	BQL	103	1	03/12/07
Aroclor-1254	BQL	103	1	03/12/07
Aroclor-1260	146	103	1	03/12/07
Aroclor-1262	BQL	103	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	84.9	84.9
DCBP	100	84.4	84.4

*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: Red

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: DUPLICATE (LL083)

Analyzed By: DES

Client Project ID: Kuhlman Electric

Date Collected: 3/2/2007

Lab Sample ID: G442-529-9B

Date Received: 3/3/2007

Lab Project ID: G442-529

Date Extracted: 3/10/2007

Sample Wt/Vol: 11.36 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 86.4

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	102	1	03/12/07
Aroclor-1221	BQL	102	1	03/12/07
Aroclor-1232	BQL	102	1	03/12/07
Aroclor-1242	BQL	102	1	03/12/07
Aroclor-1248	BQL	102	1	03/12/07
Aroclor-1254	BQL	102	1	03/12/07
Aroclor-1260	BQL	102	1	03/12/07
Aroclor-1262	BQL	102	1	03/12/07
Aroclor-1268	BQL	102	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96.7	96.7
DCBP	100	98.4	98.4

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: RML

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: Method Blank

Analyzed By: DES

Client Project ID:

Date Collected:

Lab Sample ID: PB7574

Date Received:

Lab Project ID:

Date Extracted: 3/10/2007

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

Matrix: SOIL

Report Basis: Dry Weight

%SOLIDS: 100.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	31.2	1	03/12/07
Aroclor-1221	BQL	31.2	1	03/12/07
Aroclor-1232	BQL	31.2	1	03/12/07
Aroclor-1242	BQL	31.2	1	03/12/07
Aroclor-1248	BQL	31.2	1	03/12/07
Aroclor-1254	BQL	31.2	1	03/12/07
Aroclor-1260	BQL	31.2	1	03/12/07
Aroclor-1262	BQL	31.2	1	03/12/07
Aroclor-1268	BQL	31.2	1	03/12/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	91.6	91.6
DCBP	100	96.8	96.8

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: *AME*

8082.xls



QC Results for PCBs
by EPA 8082

Client Sample ID: Batch QC
Lab Sample ID: G442-529-9B
Batch ID: 7574

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	966	1180	122	1120	1290	115	5.91

LCS

Analyte		Spiked ug/KG	Result ug/KG	REC %	Limits	
					Lower	Upper
Aroclor-1260		312.5	327	105	70	130

Comments:

= Outside Control Limits

Reviewed by: *DES*



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.



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065541

1 CLIENT: **MARTIN + SLACUE**

CONTACT: **ROBERT MARTIN** PHONE NO: ()

PROJECT: **KUTLUMU ELECTRIC** SITE/PWSID#: ()

REPORTS TO: () E-MAIL: ()

INVOICE TO: **SAME** FAX NO: ()

SAME QUOTE # ()

SAME P.O. NUMBER ()

SGS Reference: **G 2442-529**

PAGE **1** OF **1**

2

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX
	MSI-EFS-032-001	02/26/07	1248	S
	Duplicate	02/26/07	—	S
	MSI-EFS-037-001	02/26/07	1505	S
	MSI-EFS-038-001	02/27/07	1630	S
	Duplicate	02/27/07	—	S
	MSI-EFS-040-001	02/28/07	1100	S
	Duplicate	02/28/07	—	S
	MSI-EFS-044-001	03/02/07	1030	S
	Duplicate	03/02/07	—	S

No	CONTAINERS	SAMPLE TYPE	Preservatives Used	Analysis Required	REMARKS
			NA	3	MOBILE LAB #
				X	LL062
				X	LL068
				X	LL072
				X	LL074
				X	LL076
				X	LL077
				X	LL078
				X	LL082
				X	LL083

5

Collected/Relinquished By: (1) *[Signature]*

Relinquished By: (2) *[Signature]*

Relinquished By: (3) *[Signature]*

Relinquished By: (4) *[Signature]*

Received By: *[Signature]*

Received By: *[Signature]*

Received By: *[Signature]*

Received By: *[Signature]*

Shipping Carrier: **4**

Shipping Ticket No: **5.2**

Special Deliverable Requirements: **ABSENT**

Requested Turnaround Time and Special Instructions:

Samples Received Cold? (Circle) YES NO

Temperature (C): **5.2**

Chain of Custody Seal: (Circle) INTACT BROKEN