



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

Report Number: G442-525

Client Project: KUHLMAN ELECTRIC

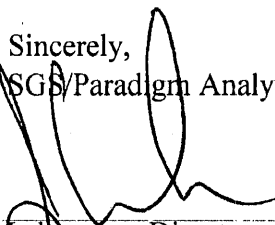
Dear Mr. Martin:

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

3/5/2007  
Date



**Results for PCBs**  
by EPA 8082

Client Sample ID: MS1-EFS-024-001      Analyzed By: DES  
Client Project ID: KUHLMAN ELECTRIC      Date Collected: 2/15/07 12:45  
Lab Sample ID: G442-525-1B      Date Received: 2/26/07  
Lab Project ID: G442-525      Date Extracted: 3/1/07  
Sample Wt/Vol: 10.42      ColumnID: STX-CLPest      Matrix: Soil  
Report Basis: Dry Weight      %SOLIDS: 92.1

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	104	1	03/01/07
Aroclor-1221	BQL	104	1	03/01/07
Aroclor-1232	BQL	104	1	03/01/07
Aroclor-1242	BQL	104	1	03/01/07
Aroclor-1248	BQL	104	1	03/01/07
Aroclor-1254	BQL	104	1	03/01/07
Aroclor-1260	BQL	104	1	03/01/07
Aroclor-1262	BQL	104	1	03/01/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	91.5	91.5
DCBP	100	110.0	110.0

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

Reviewed By: fm

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**Results for PCBs**  
by EPA 8082

Client Sample ID: DUPLICATE (LL046)      Analyzed By: DES  
Client Project ID: KUHLMAN ELECTRIC      Date Collected: 2/15/07  
Lab Sample ID: G442-525-2B      Date Received: 2/26/07  
Lab Project ID: G442-525      Date Extracted: 3/1/07  
Sample Wt/Vol: 11.56      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	98.3	1	03/01/07
Aroclor-1221	BQL	98.3	1	03/01/07
Aroclor-1232	BQL	98.3	1	03/01/07
Aroclor-1242	BQL	98.3	1	03/01/07
Aroclor-1248	BQL	98.3	1	03/01/07
Aroclor-1254	BQL	98.3	1	03/01/07
Aroclor-1260	BQL	98.3	1	03/01/07
Aroclor-1262	BQL	98.3	1	03/01/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	90.9	90.9
DCBP	100	111.0	111.0

**Comments:**

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

Reviewed By:     *fm*    

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Results for PCBs  
by EPA 8082

Client Sample ID: MS1-EFS-027-001 Analyzed By: DES  
Client Project ID: KUHLMAN ELECTRIC Date Collected: 2/16/07 9:25  
Lab Sample ID: G442-525-3B Date Received: 2/26/07  
Lab Project ID: G442-525 Date Extracted: 3/1/07  
Sample Wt/Vol: 12.50 ColumnID: STX-CLPest Matrix: Soil  
Report Basis: Dry Weight %SOLIDS: 81.9

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	97.6	1	03/02/07
Aroclor-1221	BQL	97.6	1	03/02/07
Aroclor-1232	BQL	97.6	1	03/02/07
Aroclor-1242	BQL	97.6	1	03/02/07
Aroclor-1248	BQL	97.6	1	03/02/07
Aroclor-1254	BQL	97.6	1	03/02/07
Aroclor-1260	BQL	97.6	1	03/02/07
Aroclor-1262	BQL	97.6	1	03/02/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	83.8	83.8
DCBP	100	88.6	88.6

**Comments:**

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: AME

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Results for PCBs  
by EPA 8082

Client Sample ID: DUPLICATE (LL054)      Analyzed By: DES  
Client Project ID: KUHLMAN ELECTRIC      Date Collected: 2/16/07  
Lab Sample ID: G442-525-4B      Date Received: 2/26/07  
Lab Project ID: G442-525      Date Extracted: 3/1/07  
Sample Wt/Vol: 11.60    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	99.1	1	03/02/07
Aroclor-1221	BQL	99.1	1	03/02/07
Aroclor-1232	BQL	99.1	1	03/02/07
Aroclor-1242	BQL	99.1	1	03/02/07
Aroclor-1248	BQL	99.1	1	03/02/07
Aroclor-1254	BQL	99.1	1	03/02/07
Aroclor-1260	BQL	99.1	1	03/02/07
Aroclor-1262	BQL	99.1	1	03/02/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	88.8	88.8
DCBP	100	89.4	89.4

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

Reviewed By:           *mm*          

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**Results for PCBs**  
by EPA 8082

Client Sample ID: MS1-EFS-030-001	Analyzed By: DES
Client Project ID: KUHLMAN ELECTRIC	Date Collected: 2/19/07 16:35
Lab Sample ID: G442-525-5B	Date Received: 2/26/07
Lab Project ID: G442-525	Date Extracted: 3/1/07
Sample Wt/Vol: 10.44 ColumnID: STX-CLPest	Matrix: Soil
Report Basis: Dry Weight	%SOLIDS: 83.8

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	114	1	03/02/07
Aroclor-1221	BQL	114	1	03/02/07
Aroclor-1232	BQL	114	1	03/02/07
Aroclor-1242	BQL	114	1	03/02/07
Aroclor-1248	BQL	114	1	03/02/07
Aroclor-1254	BQL	114	1	03/02/07
Aroclor-1260	BQL	114	1	03/02/07
Aroclor-1262	BQL	114	1	03/02/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	86.7	86.7
DCBP	100	90.7	90.7

**Comments:**

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

Reviewed By:           *Rue*          

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**Results for PCBs**  
by EPA 8082

Client Sample ID: MS1- DUPLICATE (LL061)      Analyzed By: DES  
Client Project ID: KUHLMAN ELECTRIC      Date Collected: 2/19/07  
Lab Sample ID: G442-525-6B      Date Received: 2/26/07  
Lab Project ID: G442-525      Date Extracted: 3/1/07  
Sample Wt/Vol: 10.91      ColumnID: STX-CLPest      Matrix: Soil  
Report Basis: Dry Weight      %SOLIDS: 80.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	114	1	03/02/07
Aroclor-1221	BQL	114	1	03/02/07
Aroclor-1232	BQL	114	1	03/02/07
Aroclor-1242	BQL	114	1	03/02/07
Aroclor-1248	BQL	114	1	03/02/07
Aroclor-1254	BQL	114	1	03/02/07
Aroclor-1260	BQL	114	1	03/02/07
Aroclor-1262	BQL	114	1	03/02/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	87	87
DCBP	100	91.3	91.3

**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: PB7466

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: 3/1/07

Matrix: SOIL

%SOLIDS: 100.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	31.2	1	03/02/07
Aroclor-1221	BQL	31.2	1	03/02/07
Aroclor-1232	BQL	31.2	1	03/02/07
Aroclor-1242	BQL	31.2	1	03/02/07
Aroclor-1248	BQL	31.2	1	03/02/07
Aroclor-1254	BQL	31.2	1	03/02/07
Aroclor-1260	BQL	31.2	1	03/02/07
Aroclor-1262	BQL	31.2	1	03/02/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96.9	96.9
DCBP	100	100.0	100.0

**Comments:**

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: fm

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**QC Results for PCBs  
by EPA 8082**

Client Sample ID: Batch QC  
Lab Sample ID: G442-524-5B  
Batch ID: 7466

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	1140	1110	97.4	1000	1040	104	6.55

**LCS**

Analyte	Spiked ug/KG	Result ug/KG	REC %	Limits	
				Lower	Upper
Aroclor-1260	312.5	312	99.8	70	130

**Comments:**

# = Outside Control Limits

Reviewed by: fm



## 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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065547

1 CLIENT: MARTIN + SLAGLE PHONE NO: ( )

CONTACT: ROBERT MARTIN PHONE NO: ( )

PROJECT: KUHLMAN ELECTRIC SITE/PWSID#:

REPORTS TO: E-MAIL:

INVOICE TO: SAUCE FAX NO: ( )

SAUCE QUOTE #

P.O. NUMBER

SGS Reference: 69442-525 PAGE 1 OF 1

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	SAMPLE TYPE	Preservatives Used	Analysis Required	REMARKS
	<u>M51-EFS-024-001</u>	<u>02/15/07</u>	<u>1245</u>	<u>S</u>	<u>C</u>	<u>X</u>	<u>3</u>	<u>MOBIL LABS # LL045</u>
	<u>Duplicate</u>	<u>02/15/07</u>	<u>-</u>	<u>S</u>	<u>C</u>	<u>X</u>	<u>3</u>	<u>LL046</u>
	<u>M51-EFS-027-001</u>	<u>02/16/07</u>	<u>0925</u>	<u>S</u>	<u>C</u>	<u>X</u>	<u>3</u>	<u>LL051</u>
	<u>Duplicate</u>	<u>02/16/07</u>	<u>-</u>	<u>S</u>	<u>C</u>	<u>X</u>	<u>3</u>	<u>LL054</u>
	<u>M51-EFS-030-001</u>	<u>2/19/07</u>	<u>1635</u>	<u>S</u>	<u>C</u>	<u>X</u>	<u>3</u>	<u>LL057</u>
	<u>MSA-Duplicate</u>	<u>2/19/07</u>	<u>-</u>	<u>S</u>	<u>C</u>	<u>X</u>	<u>3</u>	<u>LL061</u>

2 CONTAINERS

3

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5

Collected/Relinquished By: (1) Chuck Pei Date 2/23/07 Time 1400 Received By:

Relinquished By: (2) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received By: Mich Pei

Relinquished By: (3) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received By:

Relinquished By: (4) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_ Received By:

Shipping Carrier: \_\_\_\_\_

Shipping Ticket No: \_\_\_\_\_

Special Deliverable Requirements: \_\_\_\_\_

Requested Turnaround Time and Special Instructions: \_\_\_\_\_

Samples Received Cold? (Circle) YES NO

Temperature (C): 3.8

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT