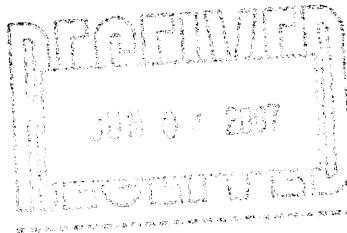




Mr. Robert Martin  
Martin & Slagle  
Box 1023  
Black Mountain NC 28711

Report Number: G442-556  
Client Project: Kuhlman Electric



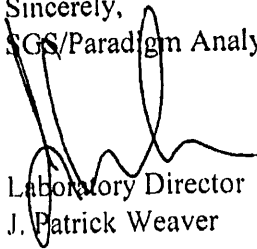
Dear Mr. Martin:

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

5/16/2007  
Date



**Results for PCBs**  
by EPA 8082

Client Sample ID: MS2-EFS-031-002  
Client Project ID: Kuhlman Electric  
Lab Sample ID: G442-556-1B  
Lab Project ID: G442-556  
Sample Wt/Vol: 10.88 ColumnID: STX-CLPest  
Report Basis: Dry Weight

Analyzed By: DCS  
Date Collected: 5/3/2007 9:58  
Date Received: 5/9/2007  
Date Extracted: 5/10/2007  
Matrix: Soil  
%SOLIDS: 89.5

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	103	1	05/10/07
Aroclor-1221	BQL	103	1	05/10/07
Aroclor-1232	BQL	103	1	05/10/07
Aroclor-1242	BQL	103	1	05/10/07
Aroclor-1248	BQL	103	1	05/10/07
Aroclor-1254	BQL	103	1	05/10/07
Aroclor-1260	BQL	103	1	05/10/07
Aroclor-1262	BQL	103	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	89.2	89.2
DCBP	100	91.6	91.6

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

Reviewed By: 

8082



**Results for PCBs**  
by EPA 8082

Client Sample ID: MS2-Duplicate-MM189

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-556-2B

Lab Project ID: G442-556

Sample Wt/Vol: 10.68 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected: 5/3/2007 0:00

Date Received: 5/9/2007

Date Extracted: 5/10/2007

Matrix: Soil

%SOLIDS: 88.7

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	106	1	05/10/07
Aroclor-1221	BQL	106	1	05/10/07
Aroclor-1232	BQL	106	1	05/10/07
Aroclor-1242	BQL	106	1	05/10/07
Aroclor-1248	BQL	106	1	05/10/07
Aroclor-1254	BQL	106	1	05/10/07
Aroclor-1260	BQL	106	1	05/10/07
Aroclor-1262	BQL	106	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	98.9	98.9
DCBP	100	98.7	98.7

**Comments:**

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082



**Results for PCBs**  
by EPA 8082


Client Sample ID: MS2-EFS-032-005  
Client Project ID: Kuhlman Electric  
Lab Sample ID: G442-556-3B  
Lab Project ID: G442-556  
Sample Wt/Vol: 10.58 ColumnID: STX-CLPest  
Report Basis: Dry Weight

Analyzed By: DCS  
Date Collected: 5/3/2007 10:42  
Date Received: 5/9/2007  
Date Extracted: 5/10/2007  
Matrix: Soil  
%SOLIDS: 89.5

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1018	BQL	106	1	05/10/07
Aroclor-1221	BQL	106	1	05/10/07
Aroclor-1232	BQL	106	1	05/10/07
Aroclor-1242	BQL	106	1	05/10/07
Aroclor-1248	BQL	106	1	05/10/07
Aroclor-1254	BQL	106	1	05/10/07
Aroclor-1260	BQL	106	1	05/10/07
Aroclor-1262	BQL	106	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	99.4	99.4
DCBP	100	103.0	103.0

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

Reviewed By:   
8082



**Results for PCBs**  
by EPA 8082

Client Sample ID: MS2-EFS-015-004      Analyzed By: DCS  
Client Project ID: Kuhlman Electric      Date Collected: 5/3/2007 14:12  
Lab Sample ID: G442-556-4B      Date Received: 5/9/2007  
Lab Project ID: G442-556      Date Extracted: 5/10/2007  
Sample Wt/Vol: 10.34    ColumnID: STX-CLPest      Matrix: Soil  
Report Basis: Dry Weight      %SOLIDS: 91.9

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	105	1	05/10/07
Aroclor-1221	BQL	105	1	05/10/07
Aroclor-1232	BQL	105	1	05/10/07
Aroclor-1242	BQL	105	1	05/10/07
Aroclor-1248	BQL	105	1	05/10/07
Aroclor-1254	BQL	105	1	05/10/07
Aroclor-1260	BQL	105	1	05/10/07
Aroclor-1262	BQL	105	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100
DCBP	100	101.0	101.0

**Comments:**

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: \_\_\_\_\_

8082.xls



**Results for PCBs**  
by EPA 8082

Client Sample ID: MS2-EFS-034-003

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-556-5B

Lab Project ID: G442-556

Sample Wt/Vol: 10.29 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected: 5/3/2007 15:44

Date Received: 5/9/2007

Date Extracted: 5/10/2007

Matrix: Soil

%SOLIDS: 92.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	106	1	05/10/07
Aroclor-1221	BQL	106	1	05/10/07
Aroclor-1232	BQL	106	1	05/10/07
Aroclor-1242	BQL	106	1	05/10/07
Aroclor-1248	BQL	106	1	05/10/07
Aroclor-1254	BQL	106	1	05/10/07
Aroclor-1260	BQL	106	1	05/10/07
Aroclor-1262	BQL	106	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100
DCBP	100	104.0	104.0

**Comments:**

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082



**Results for PCBs  
by EPA 8082**

Client Sample ID: MS2-EFS-033-002

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-556-6B

Lab Project ID: G442-556

Sample Wt/Vol: 10.41 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected: 5/4/2007 8:50

Date Received: 5/9/2007

Date Extracted: 5/10/2007

Matrix: Soil

%SOLIDS: 92.5

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	104	1	05/10/07
Aroclor-1221	BQL	104	1	05/10/07
Aroclor-1232	BQL	104	1	05/10/07
Aroclor-1242	BQL	104	1	05/10/07
Aroclor-1248	BQL	104	1	05/10/07
Aroclor-1254	BQL	104	1	05/10/07
Aroclor-1260	BQL	104	1	05/10/07
Aroclor-1262	BQL	104	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	98.3	98.3
DCBP	100	102.0	102.0

**Comments:**

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082



**Results for PCBs  
by EPA 8082**

Client Sample ID: MS2-Duplicate-MM227

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-556-7B

Lab Project ID: G442-556

Sample Wt/Vol: 10.20 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected: 5/4/2007 0:00

Date Received: 5/9/2007

Date Extracted: 5/10/2007

Matrix: Soil

%SOLIDS: 91.4

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	107	1	05/10/07
Aroclor-1221	BQL	107	1	05/10/07
Aroclor-1232	BQL	107	1	05/10/07
Aroclor-1242	BQL	107	1	05/10/07
Aroclor-1248	BQL	107	1	05/10/07
Aroclor-1254	BQL	107	1	05/10/07
Aroclor-1260	BQL	107	1	05/10/07
Aroclor-1262	BQL	107	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	97.6	97.6
DCBP	100	100.0	100.0

**Comments:**

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082





**Results for PCBs**  
by EPA 8082

Client Sample ID: MS2-EFS-004-004  
Client Project ID: Kuhlman Electric  
Lab Sample ID: G442-556-8B  
Lab Project ID: G442-556  
Sample Wt/Vol: 10.30 ColumnID: STX-CLPest  
Report Basis: Dry Weight

Analyzed By: DCS  
Date Collected: 5/4/2007 9:32  
Date Received: 5/9/2007  
Date Extracted: 5/10/2007  
Matrix: Soil  
%SOLIDS: 93.9

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	103	1	05/10/07
Aroclor-1221	BQL	103	1	05/10/07
Aroclor-1232	BQL	103	1	05/10/07
Aroclor-1242	BQL	103	1	05/10/07
Aroclor-1248	BQL	103	1	05/10/07
Aroclor-1254	BQL	103	1	05/10/07
Aroclor-1260	BQL	103	1	05/10/07
Aroclor-1262	BQL	103	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	95.8	95.8
DCBP	100	100.0	100.0

**Comments:**

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

Reviewed By: 

8082



**Results for PCBs**  
by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: PB8121

Lab Project ID:

Sample Wt/Vol: 10.0 g ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected:

Date Received:

Date Extracted: 5/10/2007

Matrix: SOIL

%SOLIDS: 100.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	100	1	05/10/07
Aroclor-1221	BQL	100	1	05/10/07
Aroclor-1232	BQL	100	1	05/10/07
Aroclor-1242	BQL	100	1	05/10/07
Aroclor-1248	BQL	100	1	05/10/07
Aroclor-1254	BQL	100	1	05/10/07
Aroclor-1260	BQL	100	1	05/10/07
Aroclor-1262	BQL	100	1	05/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	101	101
DCBP	100	106.0	106.0

**Comments:**

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082



QC Results for PCBs  
by EPA 8082

Client Sample ID: Batch QC  
Lab Sample ID: G442-556-8B  
Batch ID: 8121

Analyzed By: DCS  
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)
Arochlor-1260	BQL	1060	1100	104	1020	1060	104	0

LCS

Analyte	Sample ug/KG	Spiked ug/KG	Result ug/KG	REC %	Limits	
					Lower	Upper
Arochlor-1260		1000	1030	103	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.

- Locations Nationwide
- Alaska
  - Hawaii
  - Louisiana
  - Maryland
  - New Jersey
  - North Carolina
  - West Virginia
- www.us.sgs.com



1 CLIENT: **MARTIN DSCAGER** PHONE NO. ( )

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

PROJECT: **KUCHMAN ELECTRIC** SITE/PROJECT #:

REPORTS TO: **SAAB** E-MAIL:

INVOICE TO: **SAAB** FAX NO. ( )

QUOTE #

P.O. NUMBER

SGS Reference: **G442-556**

PAGE **1** OF

062

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	CONTAINERS			ANALYSIS REQUIRED	REMARKS
					NO	C	S		
	M52-EFS-031-002	03/10/07	0958	S	1			XX	NOBLAR CAB #
	M52-DUPHLCATE	03/10/07		S	1			XX	MM185
	M52-EFS-032-005	03/10/07	1042	S	1			XX	MM189
	M52-EFS-015-004	03/10/07	1412	S	1			XX	MM193
	M52-EFS-034-003	03/10/07	1544	S	1			XX	MM206
	M52-EFS-033-002	04/10/07	0850	S	1			XX	MM216
	M52-DUPHLCATE	04/10/07		S	1			XX	MM223
	M52-EFS-004-004	04/10/07	0932	S	1			XX	MM227
									MM233

5 Collected/Relinquished By: (1) **Charles Peol** Date **5/18/07** Time **1406**

Relinquished By: (2) Date **5/16/05** Time

Relinquished By: (3) Date Time

Relinquished By: (4) Date Time

Received By: **[Signature]** Date Time

Received By: **[Signature]** Date Time

Received By: Date Time

4 Shipping Carrier: **UPS**

Shipping Ticket No: **44**

Special Deliverable Requirements:

Requested Turnaround Time and Special Instructions:

Samples Received Cold? (Circle) YES **(X)** NO

Temperature (C): **4.4**

Chain of Custody Seal: (Circle) INTACT **(X)** BROKEN **(X)** ABSENT **(X)**