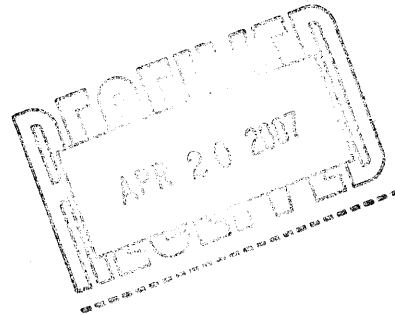




Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain NC 28711

Report Number: G442-541

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

4/10/2007
Date



**Results for PCBs
by EPA 8082**

Client Sample ID: MS2-EFS-041-001	Analyzed By: DES
Client Project ID: Kuhlman Electric	Date Collected: 3/26/2007 12:20
Lab Sample ID: G442-541-1B	Date Received: 3/31/2007
Lab Project ID: G442-541	Date Extracted: 4/3/2007
Sample Wt/Vol: 32.89 ColumnID: STX-CLPest	Matrix: Soil
Report Basis: Dry Weight	%SOLIDS: 82.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	111	1	04/07/07
Aroclor-1221	BQL	111	1	04/07/07
Aroclor-1232	BQL	111	1	04/07/07
Aroclor-1242	BQL	111	1	04/07/07
Aroclor-1248	BQL	111	1	04/07/07
Aroclor-1254	BQL	111	1	04/07/07
Aroclor-1260	180	111	1	04/07/07
Aroclor-1262	BQL	111	1	04/07/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	71.4	71.4
DCBP	100	46.4	46.4

*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: 

8082



Results for PCBs
by EPA 8082

Client Sample ID: DUPLICATE (MM082) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/26/2007 0:00
Lab Sample ID: G442-541-2B Date Received: 3/31/2007
Lab Project ID: G442-541 Date Extracted: 4/3/2007
Sample Wt/Vol: 32.37 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 82.2

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	113	1	04/07/07
Aroclor-1221	BQL	113	1	04/07/07
Aroclor-1232	BQL	113	1	04/07/07
Aroclor-1242	BQL	113	1	04/07/07
Aroclor-1248	BQL	113	1	04/07/07
Aroclor-1254	BQL	113	1	04/07/07
Aroclor-1260	BQL	113	1	04/07/07
Aroclor-1262	BQL	113	1	04/07/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	72.2	72.2
DCBP	100	50.7	50.7

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-048-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-541-3B
Lab Project ID: G442-541
Sample Wt/Vol: 33.90 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 92.2
Analyzed By: DES
Date Collected: 3/28/2007 15:20
Date Received: 3/31/2007
Date Extracted: 4/3/2007

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	96.0	1	04/07/07
Aroclor-1221	BQL	96.0	1	04/07/07
Aroclor-1232	BQL	96.0	1	04/07/07
Aroclor-1242	BQL	96.0	1	04/07/07
Aroclor-1248	BQL	96.0	1	04/07/07
Aroclor-1254	BQL	96.0	1	04/07/07
Aroclor-1260	BQL	96.0	1	04/07/07
Aroclor-1262	BQL	96.0	1	04/07/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	78	78
DCBP	100	53.4	53.4

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

Reviewed By: 

8082



Results for PCBs
by EPA 8082

Client Sample ID: DUPLICATE (MM092) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/28/2007 0:00
Lab Sample ID: G442-541-4B Date Received: 3/31/2007
Lab Project ID: G442-541 Date Extracted: 4/3/2007
Sample Wt/Vol: 33.27 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 89.9

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	100	1	04/07/07
Aroclor-1221	BQL	100	1	04/07/07
Aroclor-1232	BQL	100	1	04/07/07
Aroclor-1242	BQL	100	1	04/07/07
Aroclor-1248	BQL	100	1	04/07/07
Aroclor-1254	BQL	100	1	04/07/07
Aroclor-1260	BQL	100	1	04/07/07
Aroclor-1262	BQL	100	1	04/07/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	77.4	77.4
DCBP	100	53.1	53.1

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-052-001

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-541-5B

Lab Project ID: G442-541

Sample Wt/Vol: 33.85 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DES

Date Collected: 3/29/2007 16:58

Date Received: 3/31/2007

Date Extracted: 4/3/2007

Matrix: Soil

%SOLIDS: 93.7

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	94.6	1	04/07/07
Aroclor-1221	BQL	94.6	1	04/07/07
Aroclor-1232	BQL	94.6	1	04/07/07
Aroclor-1242	BQL	94.6	1	04/07/07
Aroclor-1248	BQL	94.6	1	04/07/07
Aroclor-1254	BQL	94.6	1	04/07/07
Aroclor-1260	BQL	94.6	1	04/07/07
Aroclor-1262	BQL	94.6	1	04/07/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	62.7	62.7
DCBP	100	47.5	47.5

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082



Results for PCBs
by EPA 8082


Client Sample ID: DUPLICATE (MM096) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/29/2007 0:00
Lab Sample ID: G442-541-6B Date Received: 3/31/2007
Lab Project ID: G442-541 Date Extracted: 4/4/2007
Sample Wt/Vol: 11.48 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 93.8

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	92.9	1	04/09/07
Aroclor-1221	BQL	92.9	1	04/09/07
Aroclor-1232	BQL	92.9	1	04/09/07
Aroclor-1242	BQL	92.9	1	04/09/07
Aroclor-1248	BQL	92.9	1	04/09/07
Aroclor-1254	BQL	92.9	1	04/09/07
Aroclor-1260	BQL	92.9	1	04/09/07
Aroclor-1262	BQL	92.9	1	04/09/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	92.5	92.5
DCBP	100	103.0	103.0

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-056-001 Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/30/2007 11:15
Lab Sample ID: G442-541-7B Date Received: 3/31/2007
Lab Project ID: G442-541 Date Extracted: 4/4/2007
Sample Wt/Vol: 11.70 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 91.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	93.6	1	04/09/07
Aroclor-1221	BQL	93.6	1	04/09/07
Aroclor-1232	BQL	93.6	1	04/09/07
Aroclor-1242	BQL	93.6	1	04/09/07
Aroclor-1248	BQL	93.6	1	04/09/07
Aroclor-1254	BQL	93.6	1	04/09/07
Aroclor-1260	BQL	93.6	1	04/09/07
Aroclor-1262	BQL	93.6	1	04/09/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	83.2	83.2
DCBP	100	96.4	96.4

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

Reviewed By: 

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: DUPLICATE (MM101) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/30/2007 0:00
Lab Sample ID: G442-541-8B Date Received: 3/31/2007
Lab Project ID: G442-541 Date Extracted: 4/4/2007
Sample Wt/Vol: 11.80 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 91.5

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	92.6	1	04/09/07
Aroclor-1221	BQL	92.6	1	04/09/07
Aroclor-1232	BQL	92.6	1	04/09/07
Aroclor-1242	BQL	92.6	1	04/09/07
Aroclor-1248	BQL	92.6	1	04/09/07
Aroclor-1254	BQL	92.6	1	04/09/07
Aroclor-1260	BQL	92.6	1	04/09/07
Aroclor-1262	BQL	92.6	1	04/09/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	85.4	85.4
DCBP	100	99.0	99.0

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

Reviewed By: 

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: PB7827

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: 4/4/2007

Matrix: SOIL

%SOLIDS: 100.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	31.2	1	04/10/07
Aroclor-1221	BQL	31.2	1	04/10/07
Aroclor-1232	BQL	31.2	1	04/10/07
Aroclor-1242	BQL	31.2	1	04/10/07
Aroclor-1248	BQL	31.2	1	04/10/07
Aroclor-1254	BQL	31.2	1	04/10/07
Aroclor-1260	BQL	31.2	1	04/10/07
Aroclor-1262	BQL	31.2	1	04/10/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	90.9	90.9
DCBP	100	105.0	105.0

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082.xls



QC Results for PCBs
by EPA 8082

Client Sample ID: Batch QC
Lab Sample ID: G135-357-10P
Batch ID: 7827

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)
Arochlor-1260	BQL	335	330	98.5	315	311	98.7	0.203

LCS

Analyte		Spiked ug/KG	Result ug/KG	REC %	Limits	
					Lower	Upper
Arochlor-1260		312.5	313	100	70	130

Comments:

= Outside Control Limits

Reviewed by: 



Results for PCBs
by EPA 8082

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID: PB7824
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: 4/3/2007
Matrix: SOIL
%SOLIDS: 100.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	31.2	1	04/07/07
Aroclor-1221	BQL	31.2	1	04/07/07
Aroclor-1232	BQL	31.2	1	04/07/07
Aroclor-1242	BQL	31.2	1	04/07/07
Aroclor-1248	BQL	31.2	1	04/07/07
Aroclor-1254	BQL	31.2	1	04/07/07
Aroclor-1260	BQL	31.2	1	04/07/07
Aroclor-1262	BQL	31.2	1	04/07/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	88.9	88.9
DCBP	100	62.3	62.3

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082.xls



QC Results for PCBs
by EPA 8082

Client Sample ID: Batch QC
Lab Sample ID: G135-355-3C
Batch ID: 7824

Analyzed By: DES
Matrix: SOIL

MS/MSD

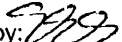
Analyte	Sample ug/KG	Spiked ug/KG	MS ug/KG	%REC (Limit 32-142)	Spiked ug/KG	MSD ug/KG	%REC (Limit 32-142)	RPD (Limit 12)
Arochlor-1260	BQL	340	260	76.5	344	294	85.5	11.1

LCS

Analyte	Spiked ug/KG	Result ug/KG	REC %	Limits	
				Lower	Upper
Arochlor-1260	312.5	247	79	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
 - Louisiana
 - New Jersey
 - West Virginia
 - Hawaii
 - Maryland
 - North Carolina
- www.us.sgs.com 0542103



PAGE 0

SGS Reference: **GH42-541**

1 CLIENT: **MARTIN TSAGGE**

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

PROJECT: **KUICHAN BARGE** SITE/PWSID#: ()

REPORTS TO:

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

SAMP QUOTE #

P.O. NUMBER

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	CONTAINERS			ANALYSIS REQUIRED	REMARKS
					NO	C=COMP	G=GRAB		
	MS2-EFS-041-001	3/26/07	1220	S	1			X	HOBICE LABS # pcbs (3)
	Duplicate	3/26/07		S	1			X	
	MS2-EFS-048-001	3/28/07	1520	S	1			X	
	Duplicate	3/28/07		S	1			X	
	MS2-EFS-052-001	3/29/07	1658	S	1			X	
	Duplicate	3/29/07		S	1			X	
	MS2-EFS-056-001	3/30/07	1115	S	1			X	
	Duplicate	3/30/07		S	1			X	

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	ANALYSIS REQUIRED	REMARKS
	MS2-EFS-041-001	3/26/07	1220	S	X	HOBICE LABS # pcbs (3)
	Duplicate	3/26/07		S	X	
	MS2-EFS-048-001	3/28/07	1520	S	X	
	Duplicate	3/28/07		S	X	
	MS2-EFS-052-001	3/29/07	1658	S	X	
	Duplicate	3/29/07		S	X	
	MS2-EFS-056-001	3/30/07	1115	S	X	
	Duplicate	3/30/07		S	X	

4 Shipping Carrier: _____

Shipping Ticket No: _____

Special Deliverable Requirements: _____

Requested Turnaround Time and Special Instructions: _____

Samples Received Cold? (Circle) YES NO

Temperature (C): **5.8**

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

5 Collected/Relinquished By: (1) *Ch...* Date **3/30/07** Time **1400** Received By: _____

Relinquished By: (2) _____ Date **3/31/07** Time **10:00am** Received By: *M...*

Relinquished By: (3) _____ Date _____ Time _____ Received By: _____

Relinquished By: (4) _____ Date _____ Time _____ Received By: _____