

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

Report Number: G442-536

Client Project: Kuhlman Electric
Report Revised: 4/18/2007

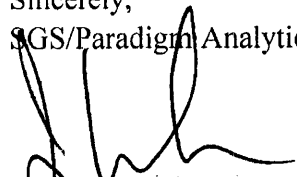
Dear Mr. Martin:

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

4/18/2007
Date



Results for PCBs
by EPA 8082

Client Sample ID: SOJ-TS-163
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-536-1B
Lab Project ID: G442-536
Sample Wt/Vol: 32.62 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 3/8/2007 14:30
Date Received: 3/15/2007
Date Extracted: 3/22/2007
Matrix: Soil
%SOLIDS: 92.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	99.6	1	03/23/07
Aroclor-1221	BQL	99.6	1	03/23/07
Aroclor-1232	BQL	99.6	1	03/23/07
Aroclor-1242	BQL	99.6	1	03/23/07
Aroclor-1248	BQL	99.6	1	03/23/07
Aroclor-1254	BQL	99.6	1	03/23/07
Aroclor-1260	BQL	99.6	1	03/23/07
Aroclor-1262	BQL	99.6	1	03/23/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	83.4	83.4
DCBP	100	56.0	56.0

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: SOJ-Duplicate (E2358) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/8/2007 0:00
Lab Sample ID: G442-536-2B Date Received: 3/15/2007
Lab Project ID: G442-536 Date Extracted: 3/22/2007
Sample Wt/Vol: 34.04 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 87.9

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	100	1	03/23/07
Aroclor-1221	BQL	100	1	03/23/07
Aroclor-1232	BQL	100	1	03/23/07
Aroclor-1242	BQL	100	1	03/23/07
Aroclor-1248	BQL	100	1	03/23/07
Aroclor-1254	BQL	100	1	03/23/07
Aroclor-1260	BQL	100	1	03/23/07
Aroclor-1262	BQL	100	1	03/23/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	81.4	81.4
DCBP	100	51.2	51.2

Comments:

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

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Results for PCBs
by EPA 8082

Client Sample ID: SOJ-TS-164
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-536-3B
Lab Project ID: G442-536
Sample Wt/Vol: 32.73 ColumnID: STX-CLPest
Report Basis: Dry Weight

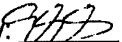
Analyzed By: DES
Date Collected: 3/9/2007 11:30
Date Received: 3/15/2007
Date Extracted: 3/22/2007
Matrix: Soil
%SOLIDS: 91.8

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	99.9	1	03/23/07
Aroclor-1221	BQL	99.9	1	03/23/07
Aroclor-1232	BQL	99.9	1	03/23/07
Aroclor-1242	BQL	99.9	1	03/23/07
Aroclor-1248	BQL	99.9	1	03/23/07
Aroclor-1254	BQL	99.9	1	03/23/07
Aroclor-1260	BQL	99.9	1	03/23/07
Aroclor-1262	BQL	99.9	1	03/23/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	87.5	87.5
DCBP	100	57.5	57.5

Comments:

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

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Results for PCBs
by EPA 8082

Client Sample ID: SOJ-Duplicate (E2368) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/9/2007 0:00
Lab Sample ID: G442-536-4B Date Received: 3/15/2007
Lab Project ID: G442-536 Date Extracted: 3/22/2007
Sample Wt/Vol: 33.08 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 91.8

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	98.8	1	03/26/07
Aroclor-1221	BQL	98.8	1	03/26/07
Aroclor-1232	BQL	98.8	1	03/26/07
Aroclor-1242	BQL	98.8	1	03/26/07
Aroclor-1248	BQL	98.8	1	03/26/07
Aroclor-1254	BQL	98.8	1	03/26/07
Aroclor-1260	BQL	98.8	1	03/26/07
Aroclor-1262	BQL	98.8	1	03/26/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	63.7	63.7
DCBP	100	94.1	94.1

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

Reviewed By: 

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Results for PCBs
by EPA 8082

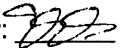
Client Sample ID: SOJ-TS-165
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-536-5B
Lab Project ID: G442-536
Sample Wt/Vol: 33.23 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DES
Date Collected: 3/12/2007 13:30
Date Received: 3/15/2007
Date Extracted: 3/22/2007
Matrix: Soil
%SOLIDS: 86.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	105	1	03/26/07
Aroclor-1221	BQL	105	1	03/26/07
Aroclor-1232	BQL	105	1	03/26/07
Aroclor-1242	BQL	105	1	03/26/07
Aroclor-1248	BQL	105	1	03/26/07
Aroclor-1254	BQL	105	1	03/26/07
Aroclor-1260	BQL	105	1	03/26/07
Aroclor-1262	BQL	105	1	03/26/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	111	111
DCBP	100	102.0	102.0

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

Reviewed By: 
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Results for PCBs
by EPA 8082

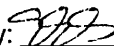
Client Sample ID: SOJ-TS-Duplicate (E2362) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/12/2007 0:00
Lab Sample ID: G442-536-6B Date Received: 3/15/2007
Lab Project ID: G442-536 Date Extracted: 3/22/2007
Sample Wt/Vol: 32.45 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 86.5

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	107	1	03/26/07
Aroclor-1221	BQL	107	1	03/26/07
Aroclor-1232	BQL	107	1	03/26/07
Aroclor-1242	BQL	107	1	03/26/07
Aroclor-1248	BQL	107	1	03/26/07
Aroclor-1254	BQL	107	1	03/26/07
Aroclor-1260	BQL	107	1	03/26/07
Aroclor-1262	BQL	107	1	03/26/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	107	107
DCBP	100	93.1	93.1

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: SOJ-TS-166
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-536-7B
Lab Project ID: G442-536
Sample Wt/Vol: 32.67 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight
Analyzed By: DES
Date Collected: 3/13/2007 7:30
Date Received: 3/15/2007
Date Extracted: 3/22/2007
%SOLIDS: 86.4

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	106	1	03/26/07
Aroclor-1221	BQL	106	1	03/26/07
Aroclor-1232	BQL	106	1	03/26/07
Aroclor-1242	BQL	106	1	03/26/07
Aroclor-1248	BQL	106	1	03/26/07
Aroclor-1254	BQL	106	1	03/26/07
Aroclor-1260	BQL	106	1	03/26/07
Aroclor-1262	BQL	106	1	03/26/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	93.3	93.3
DCBP	100	80.8	80.8

Comments:

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

Reviewed By: 

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: SOJ-TS-Duplicate (E2364) Analyzed By: DES
Client Project ID: Kuhlman Electric Date Collected: 3/13/2007 0:00
Lab Sample ID: G442-536-8B Date Received: 3/15/2007
Lab Project ID: G442-536 Date Extracted: 3/22/2007
Sample Wt/Vol: 33.28 ColumnID: STX-CLPest Matrix: Soil
Report Basis: Dry Weight %SOLIDS: 86.6

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	104	1	03/23/07
Aroclor-1221	BQL	104	1	03/23/07
Aroclor-1232	BQL	104	1	03/23/07
Aroclor-1242	BQL	104	1	03/23/07
Aroclor-1248	BQL	104	1	03/23/07
Aroclor-1254	BQL	104	1	03/23/07
Aroclor-1260	BQL	104	1	03/23/07
Aroclor-1262	BQL	104	1	03/23/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	88.1	88.1
DCBP	100	55.6	55.6

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

Reviewed By: 

8082.xls



Results for PCBs
by EPA 8082

Client Sample ID: Method Blank

Analyzed By: DES

Client Project ID:

Date Collected:

Lab Sample ID: PB7694

Date Received:

Lab Project ID:

Date Extracted: 3/22/2007

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	03/23/07
Aroclor-1221	BQL	31.2	1	03/23/07
Aroclor-1232	BQL	31.2	1	03/23/07
Aroclor-1242	BQL	31.2	1	03/23/07
Aroclor-1248	BQL	31.2	1	03/23/07
Aroclor-1254	BQL	31.2	1	03/23/07
Aroclor-1260	BQL	31.2	1	03/23/07
Aroclor-1262	BQL	31.2	1	03/23/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	98.1	98.1
DCBP	100	62.4	62.4

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: *Paul*

8082



QC Results for PCBs
by EPA 8082

Client Sample ID: Batch QC
Lab Sample ID: G135-338-15E
Batch ID: 7694

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	1650	3400	2790	33.5	3370	2870	36.2	7.75

LCS

Analyte	Spiked ug/KG	Result ug/KG	REC %	Limits	
				Lower	Upper
Aroclor-1260	312.5	267	85.4	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.



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065

1 CLIENT: MARTIN LSLAGGE PHONE NO: ()
 CONTACT: ROBERT MARTIN PHONE NO: ()
 PROJECT: LOUHAN PLACTRK SITE/IPWSID#:
 REPORTS TO: SAOBE E-MAIL:
 INVOICE TO: SAOBE FAX NO: ()
 QUOTE #
 P.O. NUMBER

SGS Reference:

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	CONTAINERS			SAMPLE TYPE	Preservatives Used	Analysis Required	REMARKS
					No	C	G				
	SOJ-TS-163	08/10/07	1430	S	1			WA	X		E2357
	SOJ-DUPPLICATE	08/10/07	-	S	1				X		E2358
	SOJ-TS-164	09/10/07	1130	S	1				X		E2359
	SOJ-DUPPLICATE	09/10/07	-	S	1				X		E2360
	SOJ-TS-165	3/12/07	1330	S	1				X		E2361
	SOJ-TS-DUPPLICATE	3/12/07	-	S	1				X		E2362
	SOJ-TS-166	3/12/07	0730	S	1				X		E2363
	SOJ-TS-DUPPLICATE	3/12/07	-	S	1				X		E2364

PAGE 1 OF 1

mobile LAB #

4 Shipping Carrier: _____ Samples Received Cold? (Circle) YES NO
 Shipping Ticket No: _____ Temperature (C): 5.6°C
 Special Deliverable Requirements: _____ Chain of Custody Seal: (Circle) INTACT BROKEN
 Requested Turnaround Time and Special Instructions: _____

5 Collected/Relinquished By: (1) Charles Peel Date 3/14/07 Time 1400 Received By: _____
 Relinquished By: (2) _____ Date 3/15/07 Time 1010 Received By: Jacob [Signature]
 Relinquished By: (3) _____ Date _____ Time _____ Received By: _____
 Relinquished By: (4) _____ Date _____ Time _____ Received By: _____