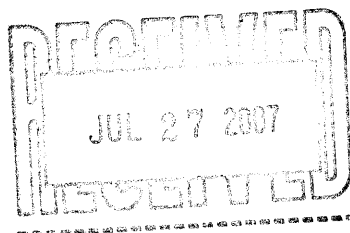




Mr. Robert Martin
Martin & Slagle
Box 1023
Black Mountain NC 28711

Report Number: G442-555

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

5/8/2007
Date



Results for PCBs
by EPA 8082

Client Sample ID: MS2-EFS-098-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-555-1B
Lab Project ID: G442-555
Sample Wt/Vol: 11.28 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 4/30/2007 12:31
Date Received: 5/3/2007
Date Extracted: 5/4/2007
Matrix: Soil
%SOLIDS: 95.5

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	92.8	1	05/04/07
Aroclor-1221	BQL	92.8	1	05/04/07
Aroclor-1232	BQL	92.8	1	05/04/07
Aroclor-1242	BQL	92.8	1	05/04/07
Aroclor-1248	BQL	92.8	1	05/04/07
Aroclor-1254	BQL	92.8	1	05/04/07
Aroclor-1260	BQL	92.8	1	05/04/07
Aroclor-1262	BQL	92.8	1	05/04/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	95.8	95.8
DCBP	100	90.0	90.0

Comments:

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

Reviewed By: hml

8082



Results for PCBs
by EPA 8082

Client Sample ID: MS2-Duplicate-MM170

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-555-2B

Lab Project ID: G442-555

Sample Wt/Vol: 10.91 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected: 4/30/2007 0:00

Date Received: 5/3/2007

Date Extracted: 5/4/2007

Matrix: Soil

%SOLIDS: 94.7

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	96.8	1	05/04/07
Aroclor-1221	BQL	96.8	1	05/04/07
Aroclor-1232	BQL	96.8	1	05/04/07
Aroclor-1242	BQL	96.8	1	05/04/07
Aroclor-1248	BQL	96.8	1	05/04/07
Aroclor-1254	BQL	96.8	1	05/04/07
Aroclor-1260	BQL	96.8	1	05/04/07
Aroclor-1262	BQL	96.8	1	05/04/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	94.8	94.8
DCBP	100	88.8	88.8

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: lu

8082



Results for PCBs
by EPA 8082

Client Sample ID: MS2-EFS-106-001
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-555-3B
Lab Project ID: G442-555
Sample Wt/Vol: 11.57 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 4/30/2007 16:27
Date Received: 5/3/2007
Date Extracted: 5/4/2007
Matrix: Soil
%SOLIDS: 80.3

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	108	1	05/04/07
Aroclor-1221	BQL	108	1	05/04/07
Aroclor-1232	BQL	108	1	05/04/07
Aroclor-1242	BQL	108	1	05/04/07
Aroclor-1248	BQL	108	1	05/04/07
Aroclor-1254	BQL	108	1	05/04/07
Aroclor-1260	BQL	108	1	05/04/07
Aroclor-1262	BQL	108	1	05/04/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	86.1	86.1
DCBP	100	82.9	82.9

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-109-001

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-555-4B

Lab Project ID: G442-555

Sample Wt/Vol: 11.35 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected: 5/1/2007 14:53

Date Received: 5/3/2007

Date Extracted: 5/4/2007

Matrix: Soil

%SOLIDS: 92.9

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	94.9	1	05/04/07
Aroclor-1221	BQL	94.9	1	05/04/07
Aroclor-1232	BQL	94.9	1	05/04/07
Aroclor-1242	BQL	94.9	1	05/04/07
Aroclor-1248	BQL	94.9	1	05/04/07
Aroclor-1254	BQL	94.9	1	05/04/07
Aroclor-1260	BQL	94.9	1	05/04/07
Aroclor-1262	BQL	94.9	1	05/04/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96.9	96.9
DCBP	100	92.7	92.7

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-Duplicate-MM182

Client Project ID: Kuhlman Electric

Lab Sample ID: G442-555-5B

Lab Project ID: G442-555

Sample Wt/Vol: 10.92 ColumnID: STX-CLPest

Report Basis: Dry Weight

Analyzed By: DCS

Date Collected: 5/1/2007 0:00

Date Received: 5/3/2007

Date Extracted: 5/4/2007

Matrix: Soil

%SOLIDS: 93.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	98.5	1	05/04/07
Aroclor-1221	BQL	98.5	1	05/04/07
Aroclor-1232	BQL	98.5	1	05/04/07
Aroclor-1242	BQL	98.5	1	05/04/07
Aroclor-1248	BQL	98.5	1	05/04/07
Aroclor-1254	BQL	98.5	1	05/04/07
Aroclor-1260	BQL	98.5	1	05/04/07
Aroclor-1262	BQL	98.5	1	05/04/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96.6	96.6
DCBP	100	91.5	91.5

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: RM

8082



Results for PCBs
by EPA 8082

Client Sample ID: MS2-ESS-038
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-555-6B
Lab Project ID: G442-555
Sample Wt/Vol: 10.07 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 5/2/2007 10:38
Date Received: 5/3/2007
Date Extracted: 5/4/2007
Matrix: Soil
%SOLIDS: 93.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	107	1	05/04/07
Aroclor-1221	BQL	107	1	05/04/07
Aroclor-1232	BQL	107	1	05/04/07
Aroclor-1242	BQL	107	1	05/04/07
Aroclor-1248	BQL	107	1	05/04/07
Aroclor-1254	BQL	107	1	05/04/07
Aroclor-1260	502	107	1	05/04/07
Aroclor-1262	BQL	107	1	05/04/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	93.7	93.7
DCBP	100	89.0	89.0

*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: *mm*

8082



Results for PCBs
by EPA 8082

Client Sample ID: MS2-Duplicate-MM184
Client Project ID: Kuhlman Electric
Lab Sample ID: G442-555-7B
Lab Project ID: G442-555
Sample Wt/Vol: 11.69 ColumnID: STX-CLPest
Report Basis: Dry Weight

Analyzed By: DCS
Date Collected: 5/2/2007 0:00
Date Received: 5/3/2007
Date Extracted: 5/4/2007
Matrix: Soil
%SOLIDS: 92.4

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	92.6	1	05/04/07
Aroclor-1221	BQL	92.6	1	05/04/07
Aroclor-1232	BQL	92.6	1	05/04/07
Aroclor-1242	BQL	92.6	1	05/04/07
Aroclor-1248	BQL	92.6	1	05/04/07
Aroclor-1254	BQL	92.6	1	05/04/07
Aroclor-1260	528	92.6	1	05/04/07
Aroclor-1262	BQL	92.6	1	05/04/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	92.1	92.1
DCBP	100	86.7	86.7

*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: mm

8082



Results for PCBs
by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: PB8073

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: 5/4/2007

Matrix: SOIL

%SOLIDS: 100.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	100	1	05/04/07
Aroclor-1221	BQL	100	1	05/04/07
Aroclor-1232	BQL	100	1	05/04/07
Aroclor-1242	BQL	100	1	05/04/07
Aroclor-1248	BQL	100	1	05/04/07
Aroclor-1254	BQL	100	1	05/04/07
Aroclor-1260	BQL	100	1	05/04/07
Aroclor-1262	BQL	100	1	05/04/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	102	102
DCBP	100	99.0	99.0

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: Am

8082



QC Results for PCBs
by EPA 8082

Client Sample ID: Batch QC
Lab Sample ID: G442-553-1E
Batch ID: 8073

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	945	1020	108	1050	1190	113	4.52

LCS

Analyte		Spiked ug/KG	Result ug/KG	REC %	Limits	
					Lower	Upper
Arochlor-1260		1000	1100	110	70	130

Comments:

= Outside Control Limits

Reviewed by: mm



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.

