

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

Report Number: G442-531

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 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, 1

SGS/Parad gm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

3/21/207 MAR 2 0 2167



Results for PCBs by EPA 8082

Client Sample ID: MS1-EFS-046-001

Analyzed By: DES

Client Project ID: Kulhman Electric

Date Collected: 3/5/2007 12:05

Lab Sample ID: G442-531-1B

Date Received: 3/9/2007

Lab Project ID: G442-531

Date Extracted: 3/15/2007

Sample Wt/Vol: 33.07 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 84.6

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
Aroclor-1016	BQL	107	1	03/20/07
Aroclor-1221	BQL	107	1	03/20/07
Aroclor-1232	BQL	107	1	03/20/07
Aroclor-1232 Aroclor-1242	BQL	107	1	03/20/07
Aroclor-1248	BQL	107	1	03/20/07
Aroclor-1254	BQL	107	1	03/20/07
Aroclor-1260	BQL	107	1	03/20/07
Aroclor-1262	BQL	107	1	03/20/07

Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered	
TCMX	100	154	154	#
DCBP	100	72.7	72.7	

= Surrogate recovery is outside limits. (40-130%)

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: MS1-Duplicate (LL086)

Analyzed By: DES

Client Project ID: Kulhman Electric

Date Collected: 3/5/2007 0:00

Lab Sample ID: G442-531-2B

Date Received: 3/9/2007 Date Extracted: 3/15/2007

Lab Project ID: G442-531

Sample Wt/Vol: 33.16 ColumnID: STX-CLPest

Matrix: Soil

Report Basis: Dry Weight

%SOLIDS: 85.0

Compound	Result ug/KG	Quantitation Limit ug/KG	Dilution Factor	Date Analyzed
•	BQL	106	1	03/20/07
Aroclor-1016		• • •	1	03/20/07
Aroclor-1221	BQL	106	ì	
Aroclor-1232	BQL	106	1	03/20/07
Aroclor-1242	BQL	106	1	03/20/07
	BQL	106	1	03/20/07
Aroclor-1248			1	03/20/07
Aroclor-1254	BQL	106		
Aroclor-1260	BQL	106	1	03/20/07
Aroclor-1262	BQL	106	1	03/20/07

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	81.2	81.2
DCBP	100	62.5	62.5

Comments:

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

Reviewed By: fw.



Results for PCBs

by EPA 8082

Client Sample ID: Method Blank

Analyzed By: DES

Client Project ID:

Date Collected:

Lab Sample ID: PB7622

Date Received:

Lab Project ID:

Date Extracted: 3/15/2007

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	93.7	1	03/20/07
Aroclor-1221	BQL	93.7	1	03/20/07
Aroclor-1232	BQL	93.7	1	03/20/07
Aroclor-1242	BQL	93.7	1	03/20/07
Aroclor-1248	BQL	93.7	1	03/20/07
Aroclor-1254	BQL	93.7	1	03/20/07
Aroclor-1260	BQL	93.7	1	03/20/07
Aroclor-1262	BQL	93.7	1	03/20/07

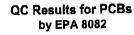
Spike	Spike	Percent
Added	Result	Recovered
100	99.6	99.6
100	92.8	92.8
	Added 100	Added Result

Comments:

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

Reviewed By: _ & Mu

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Analyzed By: DES Matrix: SOIL

MS/MSD

Analyte	Sample	Spiked	MS	%REC	Spiked	MSD	%REC	RPD
	ug/KG	ug/KG	ug/KG	(Limit 32-142)	ug/KG	ug/KG	(Limit 32-142)	(Limit 12)
	ugju							

LCS

Analyte	Analyte Spiked Result		REC	Limits		
Analyto		ug/KG	ug/KG	%	Lower	Upper
Aroclor-1260		312.5	274	87.7	70	130

Comments:

= Outside Control Limits MS\MSD spike diluted out.



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

% soilds = 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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ÁBSENT MONTH. 28077 Chain of Custody Seal: (Circle) 98077 BROKEN Samples Received Cold? PAGE_ Temperature JC: Requested Turnaround Time and Special Instructions: INTACT 12-53 Special Deliverable Requirements: Shipping Ticket No: Shipping Carrier: (m 4 SGS Reference: SAMPLE ე QMP GRAB -z \square α ω MATRIX S M Received By: 3 TIME \$3,65/07 Colsoleo DATE Time P.O. NUMBER PROJECT: KUKAMAN ELECTRIPHISID# CONTACT POBELT MARY (NPHONE NO. FAX NO.:(QUOTE # MSI-EFS-046-001 CLIENT: MARTIN LCAGER Date Date SAMPLE IDENTIFICATION 151-DUPLA72 Collected/Relinquished By:(1) Relinquished By: (2) Relinquished By: (3) Relinquished By: (4) REPORTS TO: LAB NO.

© 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301 © 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

3 1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab Yellow - Returned with Report Pink - Retained by Sampler