## NORTH DRAINAGE CHANNEL SITE CHARACTERIZATION REPORT

APPENDIX 3
Fixed-Base Laboratory
Data Sheets

Volume II

Kuhlman Electric Corporation Crystal Springs, Mississippi

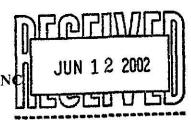
Prepared for

BorgWarner Inc.

January 2003

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 10, 2002



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

Report Number: G442-86

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

## **Results for PCBs** by EPA 8082

Client Sample ID: CSP-GP20-003 Client Project ID: Kuhlman Electric

Lab Sample ID: 44592 Lab Project ID: G442-86

Matrix: Soil

%SOLIDS: 79.0

Date Collected: 5/21/02

Date Received: 5/25/02 Date Analyzed: 6/6/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 67 67 67 67 67 67 67 67 67		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	68	68

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: CSP-GP22-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 44593 Lab Project ID: G442-86

Matrix: Soil

%SOLIDS: 86.2

Date Collected: 5/22/02

Date Received: 5/25/02 Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 59 59 59 59 59 59 59 59		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	68	68

Comments:

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

Reviewed By: 1

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/3/02

Lab Project ID:

Matrix: Soil

Date Collected:

Date Received:

Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	35		BQL
Aroclor-1221	35		BQL
Aroclor-1232	35		BQL
Aroclor-1242	35		BQL
Aroclor-1248	35		BQL
Aroclor-1254	35		BQL
Arocior-1260	35		BQL
Aroclor-1262	35		BQL
		76	
_	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	106	106

Comments:

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

## PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Date Analyzed:

6/6/02

Lab Sample ID: SLCS 3

Analyzed By: Dilution:

CLP 1.0

Lab Project ID:

Matrix:

Soil

Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	358	219	406

## MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed:

Client Project ID:

Analyzed By: CLP

6/7/02

Lab Sample ID:

S-MS.MSD-3

Dilution:

Lab Project ID:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	786	79%	903	90%	13.9

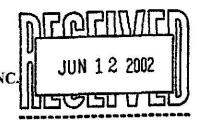
Comments:

BQL = Below Quantitation Limit Results reported are on-column accolumn at the strict was \$\\$481 S.C. Certification \$\\$99029

515274004 Please specify any special reporting 80) 462 757WIF Gol 1314 UB)[317] State Certification Requested 74071 TERMS AND CONDITIONS - 0f SEE REVERSE FOR requirements Comments: Other SAME SAUTE 4%" 0.445-86 34-8: #**303** Invoice To:\_\_ SC Report To: 368 TOPE 480 3608 Z Chain-of Custody Record & Analytical Request Temperature 24h702 3.7°C Analyses Time 5/25/02 10/5 Date: Turnaround: Job Number: P.O. Number: Date Project ID: Kull-UMAN & LECTAL Contact: POBELT MARZIN PC617 dress: B CACK (TODA) TA IN Phone: 828-668-3729 Received By Preservatives RADIGM ANALYTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: ₹ 1/20 Time one: (910)-350-1903 FAX: (910)-350-1557 Time Matrix 5 S 12/1/2 Date 7 Ky 0935 ent: MARZINA SCHOLB 74 62 1430 Date Relinquished By ,P-672-02-5.5 SP-6720-403 Sample ID dress: :0te #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 10, 2002



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

Report Number: G442-87

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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.

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Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: WRP-GP3-001

Client Project ID: Kuhlman Electric

Lab Sample ID: 44594 Lab Project ID: G442-87

Matrix: Soil

%SOLIDS: 86.3

Date Collected: 5/21/02

Date Received: 5/25/02 Date Analyzed: 6/6/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 59 59 59 59 59 59 59 59		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	65	65

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: WRP-GP5-003 Client Project ID: Kuhlman Electric

Lab Sample ID: 44595 Lab Project ID: G442-87

Matrix: Soil

ilman Electric

%SOLIDS: 85.2

Date Collected: 5/22/02

Date Received: 5/25/02

Date Analyzed: 6/5/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	80		BQL
Aroclor-1221	80		BQL
Aroclor-1232	80		BQL
Aroclor-1242	80		BQL
Aroclor-1248	80	8	BQL
Aroclor-1254	80		BQL
Aroclor-1260	80		100
Aroclor-1262	80		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	72	72

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/3/02

Lab Project ID:

Matrix: Soil

Date Collected:

Date Received:

Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

	Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 35 35 35 35 35 35 35 35 35		Result (ug/KG) BQL
,	Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
	TCMX	100	106	106

Comments:

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

#### MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed:

6/7/02

Client Project ID:

Lab Sample ID: S-MS.MSD-3

Analyzed By: CLP

Lab Project ID:

an i rojoot in.

Dilution:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	786	79%	903	90%	13.9

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in up 4481 S.C. Certification #99029

## PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Project ID:

Client Sample ID: Batch QC

Lab Sample ID:

SLCS 3

Lab Project ID:

Matrix:

Soil

Date Analyzed:

6/6/02

Analyzed By:

CLP

Dilution:

1.0

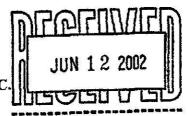
Compound	Spiked	Result	Limit	\$
20 20 20 20 20 CONST	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	358	219	406

Please specify any special reporting 0/0 State Certification Requested **TERMS AND CONDITIONS** SEE REVERSE FOR requirements TILdad Comments: \_ Other \_ 47-481 Page Report To: SHME Invoice To: CAme 18-8hh #202 | | |-7881 1387 3613 S Chain-of Custody Record & Analytical Request **Temperature** Date: 24MYOL STO Analyses /als Time Turnaround: Job Number: P.O. Number: 5/25/0 Date Project ID: Kuthwath were ettle Contact: PUBERT MARTIN Phone: P24-668-3825 - <u>- 2</u> Received By Preservatives ARADIGM A ZYTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: 秀 Time 1400 ione: (910)-350-1903 FAX: (910)-350-1557 Time Matrix 2 74/2 Date **6850** [33] ient: MARTIN'S SLACCE idress: LACK MO WATAIN 地名 Date 弘 Relinquished By (P-GP5-603 RP-633-001 Sample ID dress: ote #:



2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 10, 2002



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

Report Number: G442-88

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

#### **Results for PCBs** by EPA 8082

Client Sample ID: RWP-GP6-001

Client Project ID: Kuhlman Electric

Lab Sample ID: 44596 Lab Project ID: G442-88

Matrix: Soil

%SOLIDS: 83.8

Date Collected: 5/22/02

Date Received: 5/25/02 Date Analyzed: 6/6/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  76  76  76  76  76  76  76  76  76		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	46	46

Comments:

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

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/3/02

Lab Project ID:

Matrix: Soil

Date Collected:

Date Received:

Date Analyzed: 6/5/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG) BQL
Aroclor-1016	35		
Aroclor-1221	35		BQL
Aroclor-1232	35		BQL
Aroclor-1242	35		BQL
Aroclor-1248	35		BQL
Aroclor-1254	35		BQL
Aroclor-1260	35		BQL
Aroclor-1262	35		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Surrogate Spike Necoveries	San Carlo Maria Carlo Ca	400	400
TCMX	100	106	106

Comments:

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

## MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed:

Analyzed By: CLP

6/7/02

Client Project ID:

Lab Sample ID:

S-MS.MSD-3 Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	786	79%	903	90%	13.9

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in: 8481 S.C. Certification #99029

## PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Date Analyzed:

6/6/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID: SLCS 3

Lab Project ID:

Dilution:

1.0

Matrix:

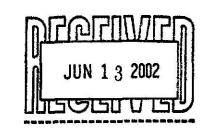
Soil

Company	Spiked	Result	Limits	•
Compound	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	358	219	406

Please specify any special reporting १५ ०५४२ LBAH (201) 3532012 State Certification Requested TERMS AND CONDITIONS KTABCTOW SEE REVERSE FOR requirements SHOTE Comments: Other. 36HG 0-6" Раце — #**303** SC\_ Invoice To:\_ Report To: NC. Chain-of Custody Record & Analytical Request Temperature ら入え Date: 24 HY Ol 1095 Analyses Time P.O. Number: Job Number: Contact: POSELY WHLZ/W Turnaround: 5/25/2 Date int: MARTINASCAGE Project ID: (LUHLIM) ELRIPE Phone: 828-668-3929 3 Received By Preservatives RADIGM AN EXTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: 支 Time S/24/2/1400 ione; (910)-350-1903 FAX; (910)-350-1557 Time | Matrix 5 BLACK HOUNTAIN NG Date 252 Shirt O'L' Date Relinquished By WP-GP6-001 Sample ID dress:\_ tote #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 11, 2002



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

Report Number: G442-89

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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.

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Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### **Results for PCBs** by EPA 8082

Client Sample ID: SMP-GP31-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 44653 Lab Project ID: G442-89

Matrix: Soil

%SOLIDS: 86,4

Date Collected: 5/24/02

Date Received: 5/29/02 Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound	Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	76		BQL
Aroclor-1221	76		BQL
Aroclor-1232	76		BQL
Aroclor-1242	76		BQL
Aroclor-1248	76		BQL
Aroclor-1254	76		BQL
Aroclor-1260	76		BQL
Aroclor-1262	76		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	85	85

Comments:

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

#### **Results for PCBs** by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/3/02

Lab Project ID:

Matrix: Soil

Date Collected:

Date Received:

Date Analyzed: 6/5/02 Analyzed By: CLP

Dilution: 1 Date Extracted: 06/03/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	35		BQL
Aroclor-1221	35		BQL
Aroclor-1232	35		BQL
Aroclor-1242	35		BQL
Aroclor-1248	35		BQL
Aroclor-1254	35		BQL
Aroclor-1260	35		BQL
Aroclor-1262	35		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	106	106

Comments:

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

## MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed:

6/7/02

Client Project ID: Lab Sample ID:

S-MS.MSD-3

Analyzed By: CLP

1.0

Lab Project ID:

Compound

Matrix:

Soil

Dilution:

Sample MS %Rec MSD %Rec RPD

Aroclor-1260 BQL 786 79% 903 90% 13.9

Comments:

**BQL** = Below Quantitation Limit

Results reported are on-column amenification #99029

## PARADUGM A NALATICA LONDO BATORIES, INC. by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 3

Lab Project ID:

Matrix:

Soil

Date Analyzed:

6/6/02

Analyzed By:

CLP

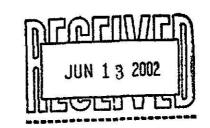
Dilution:

1.0

Compound	Spiked	Result	Limits	 }
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	358	219	406

Please specify any special reporting 3340) HOCD 133H DAKE 力) State Certification Requested **TERMS AND CONDITIONS** requirements SEE REVERSE FOR Comments: とで Other\_ SATI 2 #200 Page \_\_ 把胡 644289 Report To: Invoice To: SCI TO BUCE 3628 ا عر Chain-of Custody Record & Analytical Request Date: 28 17701 Temperature 3.38 Analyses Time 11:10 Turnaround: Job Number: P.O. Number: Date 2 3 Project ID: KVILUIAN BURCAL Contact: Peoplet 1496 IN Phone: 825-669-3929 Received By É Preservatives TYTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: 1400 K 岩 Time ione: (910)-350-1903 FAX: (910)-350-1557 Time Matrix V Subn Date ient: HARTIN LCLAGER 2481 OUS dress: BCACK FOUNTAIN P.C. Date durles oim the Relinquished By 12-6731-00 Sample ID **NRADIGM** dress:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557



Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain, NC 28711 June 11, 2002

Report Number: G442-90

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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.

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Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: BSP-GP5-002 Client Project ID: Kühlman Electric

Lab Sample ID: 44654 Lab Project ID: G442-90

Matrix: Soil

34

%SOLIDS: 89.0

Date Collected: 5/24/02 Date Received: 5/29/02 Date Analyzed: 6/5/02

Date Analyzed: 6/5/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	72		BQL
Aroclor-1221	72		BQL
Aroclor-1232	72		BQL
Aroclor-1242	72		BQL
Aroclor-1248	72		BQL
Aroclor-1254	72		BQL
Aroclor-1260	72		98
Aroclor-1262	72		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Onitodate obite irecording			
TCMX	100	73	73

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/3/02

Lab Project ID:

Matrix: Soil

Date Collected:

Date Received:

Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 35 35 35 35 35 35 35 35		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	106	106

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

## MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Soil

Date Analyzed:

6/7/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID: Lab Project ID:

Matrix:

S-MS.MSD-3

Dilution:

1.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Araclar-1260	BQL	786	79%	903	90%	13.9

Comments:

**BQL** = Below Quantitation Limit

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 3

Lab Project ID:

Matrix:

Soil

Date Analyzed:

6/6/02

Analyzed By:

CLP

Dilution:

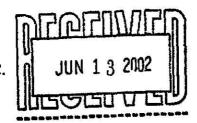
1.0

Compound	Spiked	Result	Limits	•
00mpound	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	358	219	406

Please specify any special reporting 口部出 3532012 काभ State Certification Requested TERMS AND CONDITIONS SYAR DI of o SEE REVERSE FOR Comments: Other \_ SAPLE SHIP **%** 3635 24-30" Page \_ C147-60 #505 | | SC | Invoice To: Report To: S Chain-of Custody Record & Analytical Request **Temperature** Date: 23 HT/07 Received By "F" | Date | Time | Analyses 11:10 Contact: 2068RT HIMRIN Turnaround: Job Number: P.O. Number: 5/31 HARTINISCHEL Project ID: KUHUTAN PURCTIC Phone: 82 - 69-3229 \*\* Preservatives RADIGM AN ATTICAL LABORATORIES, INC. 7 Northchase Parkway SE, Wilmington, NC 28405 Fax: S/28/82/1400 Date | Time ne: (910)-350-1903 FAX: (910)-350-1557 Time Matrix S Iress: BLACK HOUNTAIN D'C 2452 1505 Date They les or miles Relinquished By 16P5-002 Sample ID )te #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 11, 2002



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

Report Number: G442-91

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: CSP-GP26-001

Client Project ID: Kuhlman Electric

Lab Sample ID: 44655 Lab Project ID: G442-91

Matrix: Soil

%SOLIDS: 87.5

Date Collected: 5/25/02 Date Received: 5/29/02

Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1
Date Extracted: 06/03/02

Compound Aroclor-1016	Quantitation Limit (ug/KG) 84		Result (ug/KG) BQL
Aroclor-1221 Aroclor-1232	84 84		BQL BQL
Aroclor-1242	84 84		BQL BQL
Aroclor-1248 Aroclor-1254	84		BQL 830
Aroclor-1260 Aroclor-1262	84 84		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	72	72

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CSP-GP25-001 Client Project ID: Kuhlman Electric Lab Sample ID: 44656

Lab Project ID: G442-91

Matrix: Soil

%SOLIDS: 95.4

Date Collected: 5/25/02

Date Received: 5/29/02 Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound	Quantitation Limit (ug/KG) 82		Result (ug/KG) BQL
Aroclor-1016 Aroclor-1221	82 82		BQL
Aroclor-1232	82		BQL
Aroctor-1242	82		BQL
Aroclor-1248	82		BQL
Aroclor-1254	82		BQL
Araclor-1260	82		BQL
Aroclor-1262	82		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
тсмх	100	74	74

Comments:

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

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/3/02

Lab Project ID:

Matrix: Soil

Date Collected:

Date Received: Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 35 35 35 35 35 35 35 35 35		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	106	106

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

## MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Client Project ID:

Date Analyzed:

6/7/02

Lab Sample ID:

S-MS.MSD-3

Analyzed By: CLP

Dilution:

1.0

Lab Project ID: Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	786	79%	903	90%	13.9

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in the #481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 3

Lab Project ID:

Matrix:

Soil

Date Analyzed:

6/6/02

Analyzed By:

CLP

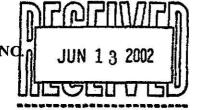
Dilution:

1.0

Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	358	219	406

Please specify any special reporting 58412 口相比 \$20ff 2c 34 State Certification Requested TERMS AND CONDITIONS SEE REVERSE FOR requirements SAME Comments: Other\_ 190 190 #202 Invoice To: Report To: ညွှ S Chain-of Custody Record & Analytical Request Time | Temperature Date: 25 91702 3.3°C STS Analyses Turnaround: \_\_ 01.11 Job Number: P.O. Number: Date 45/5 HARTINGSCAGLE Project ID: KUSTUMP ELECTIC Phone: 814-669-3929 Contact: Robert offetin TE Received By 140 Kily Halle where to 27 most Preservatives YTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: Date Time ione: (910)-350-1903 FAX: (910)-350-1557 Time Matrix 29%25 7482 OUG 25% JUNE Idress: BCACK MOUNTAIN Date Thurbs O. M. Peul Relinquished By SP-622-00 SP-674-00 **NRADIGM A** Sample ID 7. note #: dress: ient:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557



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

June 11, 2002

Report Number: G442-92

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3633 Client Project ID: Kuhlman Electric

Lab Sample ID: 44657 Lab Project ID: G442-92

Matrix: Soil

%SOLIDS: 86.0

Date Collected: 5/24/02 Date Received: 5/29/02 Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1
Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  79  79  79  79  79  79  79  79  79  7		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	75	75

Comments:

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

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3646 Client Project ID: Kuhlman Electric

Lab Sample ID: 44658 Lab Project ID: G442-92

Matrix: Soil

%SOLIDS: 87.7

Date Collected: 5/25/02 Date Received: 5/29/02 Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

3	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	75		BQL
Aroclor-1221	75		BQL
Aroclor-1232	75		BQL
Aroclor-1242	75		BQL
Aroctor-1248	75		BQL
Aroclor-1254	75		BQL
Aroclor-1260	75		1000
Aroclor-1262	75		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	90	90

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3662 Client Project ID: Kuhlman Electric

Lab Sample ID: 44659 Lab Project ID: G442-92

Matrix: Soil

%SOLIDS: 98.9

Date Collected: 5/27/02 Date Received: 5/29/02

Date Analyzed: 6/5/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  79  79  79  79  79  79  79  79  79  7		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	76	76

Comments:

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

Reviewed By: 12

N.C. Certification #481 S.C. Certification #99029

### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/3/02

Lab Project ID:

Matrix: Soil

Date Collected:

Date Received:

Date Analyzed: 6/5/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Araclor-1016	35		BQL
Aroclor-1221	35		BQL
Aroclor-1232	35		BQL
Aroclor-1242	35		BQL
Aroclor-1248	35		BQL
Aroclor-1254	35		BQL
Aroclor-1260	35		BQL
Aroclor-1262	35		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	106	106

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

# PARADIGM ANALYTICAL LABORATORIES, INC. MS/MSD Results for PCBs

by GC 8082

Client Sample ID: Client Project ID:

Batch QC

Date Analyzed:

Analyzed By: CLP

6/7/02

Lab Sample ID:

S-MS.MSD-3

Dilution:

1.0

Lab Project ID: Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	786	79%	903	90%	13.9

Comments:

BQL = Below Quantitation Limit

# PARABIGIMANA LA PRINCIPA DE LA PROPERTICIONA DEL PROPERTICIONA DEL PROPERTICIONA DEL PROPERTICIONA DEL PROPERTICIONA DEL LA PROPERTICIONA DEL PROPERTICIONA DELIPORA DEL PROPERTICIONA DEL PROPERTICIONA DEL PROPERTICIONA DEL P

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 3

Lab Project ID:

Matrix:

Soil

Date Analyzed:

6/6/02

Analyzed By:

CLP

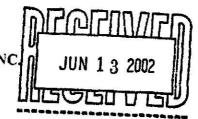
Dilution:

1.0

Compound	Spiked	Result	Limits	1
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	358	219	406

5)52/10/19 Please specify any special reporting 341) \$20H State Certification Requested 2007 TERMS AND CONDITIONS SEE REVERSE FOR イ下路 requirements Comments: Other Page \_ Ch-Chr.S #**303** 3667 Report To: Invoice To: SS である。 3633 3646 S Chain-of Custody Record & Analytical Request Temperature 784707 3.38 Amalyses Time 01:11 Date: Contact: Debell MATIN Turnaround: Job Number: P.O. Number: Date 8/24 Project ID: KUNUMAN & UBCZRC Phone: 924-169-3929 Received By Preservatives XTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: C/15/62 1400 Time ione: (910)-350-1903 FAX: (910)-350-1557 Time Matrix M Idress: BCACK HEUNTHIN, MC Date MARTIN ASCINECE नियं में Mrs. 是是 Date Relinquished By なえ るというため **RADIGM** Sample ID といれた Thurb. Puctile 10te #: ient:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557



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

June 11, 2002

Report Number: G442-93

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: LPP-GP89-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 44660 Lab Project ID: G442-93

Matrix: Soil

%SOLIDS: 99.1

Date Collected: 5/27/02 Date Received: 5/29/02

Date Analyzed: 6/5/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound	Quantitation Limit (ug/KG)		Resuit (ug/KG)
Aroclor-1016	78	26	BQL
Aroclor-1221	78		BQL
Aroclor-1232	78		BQL
Aroclor-1242	78		BQL
Aroclor-1248	7B		BQL
Aroclor-1254	78		BQL
Aroclor-1260	78		BQL
Aroclor-1262	78		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
тсмх	100	81	81

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

#### Results for PCBs by EPA 8082

Client Sample ID: LPP-GP88-001 Client Project ID: Kuhlman Electric Lab Sample ID: 44661

Lab Project ID: G442-93

Matrix: Soil

%SOLIDS: 92.4

Date Collected: 5/27/02 Date Received: 5/29/02 Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 64 64 64 64 64 64 64	*	Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries TCMX	Added	<b>Result</b> 66	Recovered 66

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Bik 6/3/02

Lab Project ID:

Matrix: Soil

Date Collected:

Date Received:

Date Analyzed: 6/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

Compound	Quantitation Limit (ug/KG)		Result
Aroclor-1016	35		(ug/K <b>G</b> ) BQL
Aroclor-1221	35		BQL
Aroclor-1232	35		BQL
Aroclor-1242	35		BQL
Aroclor-1248	35		BQL
Aroclor-1254	35		BQL
Aroclor-1260	35		BQL
Aroclor-1262	35		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Daniegate Opine Necotion	Madoa	11000110	110001010
TCMX	100	106	106

Comments:

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

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed:

Client Project ID:

6/7/02 CLP

Lab Sample ID: Lab Project ID:

Analyzed By: S-MS.MSD-3 Dilution:

Matrix:

Soil

1.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	786	79%	903	90%	13.9

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts an ug/#481 S.C. Certification #99029

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 3

Lab Project ID:

Matrix:

Soil

Date Analyzed:

6/6/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	358	219	406

Please specify any special reporting SIZ 25 DAPS 2834 53201. 1 7 \$70H 15817447700 524577 State Certification Requested TERMS AND CONDITIONS Lors requirements SEE REVERSE FOR Sond Comments: Other 19-0 19-0 G442-93 #000 Report To: \_ Invoice To:\_ SC 25 3633 3656 S Chain-of Custody Record & Analytical Request **Temperature** Date: 28H702 みぶれ Analyses 07:01 Time Turnaround: \_ Job Number: P.O. Number: Date 2/34 Project ID: KUNCAMI ELECTIC Phone: \$28-669-3929 Contact: ROBELT 11AU-711N 8 Received By Preservatives YTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: 12 product 5 92862 14w Time ione: (910)-350-1903 FAX: (910)-350-1557 Time Matrix S Idress: 6 WHICK MOONTAND MC Date 12 315 ient: HARTINGSCAGGE 12 July Date My. 35 Relinquished By Hunles O. M. S S S 15-CP87-001 P-6738-001 Sample ID **NRADIGM** Э dress ote #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

JUN 1 7 2002 June 13, 2002

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

Report Number: G442-94

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: LPP-GP92-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 44950 Lab Project ID: G442-94

Matrix: Soil

%SOLIDS: 93.2

Date Collected: 5/28/02 Date Received: 6/1/02

Date Analyzed: 6/7/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

Compound	Quantitation Limit (ug/KG)		Røsult (ug/KG)
Aroclor-1016	66		BQL
Aroclor-1221	66		BQL
Aroclor-1232	66		BQL
Aroclor-1242	66		BQL
Aroclor-1248	66		BQL
Aroclor-1254	66		BQL
Aroclor-1260	66		BQL
Aroclor-1262	66		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
ТСМХ	100	83	83

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: LPP-GP94-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 44951 Lab Project ID: G442-94

Matrix: Soil

%SOLIDS: 96.7

Date Collected: 5/28/02 Date Received: 6/1/02

Date Analyzed: 6/10/02 Analyzed By: CLP

Dilution: 5

Date Extracted: 06/06/02

Compound Arocior-1016 Arocior-1221 Arocior-1232 Arocior-1242 Arocior-1248 Arocior-1254 Arocior-1260 Arocior-1262	Quantitation Limit (ug/KG) 370 370 370 370 370 370 370 370 370		Result (ug/KG) BQL
Surrogate Spike Recoveries TCMX	Spike	Spike	Percent
	Added	Result	Recovered
	100	55	55

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: LPP-GP29-002 Client Project ID: Kuhlman Electric Lab Sample ID: 44952

Lab Project ID: G442-94

Matrix: Soil

%SOLIDS: 89.3

Date Collected: 5/29/02 Date Received: 6/1/02

Date Analyzed: 6/7/02 Analyzed By: CLP

Ditution: 1

Date Extracted: 06/06/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	90		BQL
Aroclor-1221	90		BQL
Aroclor-1232	90		BQL
Arocior-1242	90		BQL
Aroclor-1248	90		BQL
Aroclor-1254	90		BQL
Aroclor-1260	90		BQL
Aroclor-1262	90		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
тсмх	100	74	74

Comments:

**BQL** = **Below Quantitation Limit** 

NA = Not applicable, surrogate diluted out.

## MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 6/10/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID:

Aroclor-1260

Dilution: S-MS.MSD-4

960

5.0

Lab Project ID: Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Araclar-1260	960	1105	73%	1130	85%	15.9

Comments:

BQL = Below Quantitation Limit

Results reported are on-column areounts in UR/#481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Date Analyzed:

6/7/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID: SLCS 4

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Spiked	Result	Limits		
Compound	(ug/KG)	(ug/KG)	Lower	Upper	
Aroclor 1260	313	325	219	406	

### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/6/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/7/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 31 31 31 31 31 31 31 31		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	77	77

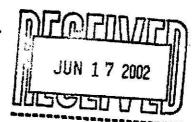
Comments:

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

Please specify any special reporting TA(I) 40 ]574012 5440 a) 20H State Certification Requested 238W SEE REVERSE FOR TERMS AND CONDITIONS gorne gord requirements 24-30" 24-3011 19-0 Comments: Other. DER'T Page\_ 2412-94 #**303** ည္တ Invoice To: \_\_ Report To: \_ 3672A 31901 3679 NC Chain-of Custody Record & Analytical Request Temperature 3(m/oz 6/1/02/10:00 Analyses Time Contact: 106881 1718-710 Jurnaround: Date: dress: 6 CACK Proud TALL De Phone: 878-669-3929 Job Number: P.O. Number: Date Project ID: KUHLTIMA ELECTRIC P. S. Received By Preservatives RADIGM ANALYTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: 左 Time 1300 one: (910)-350-1903 FAX: (910)-350-1557 Time Matrix S Date ent: MAGINASCAGLE 51% P-6P4-001 28 82 1105 \$ 5 B Party. Date 当场 Refinguished By 1P-6P29-002 P-6792-001 Sample ID ote #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 13, 2002



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

Report Number: G442-95

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CSP-GP28-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 44953

Lab Project ID: G442-95 Matrix: Soil

%SOLIDS: 94.5

Date Collected: 5/29/02 Date Received: 6/1/02

Date Analyzed: 6/10/02 Analyzed By: CLP

Dilution: 20

Date Extracted: 06/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 1300 1300 1300 1300 1300 1300 1300 130		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

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

## Results for PCBs by EPA 8082

Client Sample ID: CSP-GP29-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 44954 Lab Project ID: G442-95

Matrix: Soil

%SOLIDS: 91.1

Date Collected: 5/29/02 Date Received: 6/1/02 Date Analyzed: 6/10/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 06/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 710 710 710 710 710 710 710 710 710		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID: Client Project ID:

**Batch QC** 

S-MS.MSD-4

Date Analyzed: 6/10/02

Analyzed By:

Dilution:

CLP 5.0

Lab Sample ID: Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	960	1105	73%	1130	85%	15.9

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Date Analyzed:

6/7/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID:

SLCS 4

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Spiked	Result	Limits	5
Compound	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	325	219	406

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/6/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/7/02

Analyzed By: CLP

77

Dilution: 1

Date Extracted: 06/06/02

Quantitation Limit (ug/KG)		Result (ug/KG)				
10 10 10 10 10 10 10 10 10 10 10 10 10 1		BQL				
31		BQL				
31	101	BQL				
31		BQL				
31		BQL				
31		BQL				
31		BQL				
31		BQL				
Spike Added	Spike Result	Percent Recovered				
	Limit (ug/KG) 31 31 31 31 31 31 31 31 31	Limit (ug/KG) 31 31 31 31 31 31 31 31 31 31 Spike Spike				

100

Comments:

**TCMX** 

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

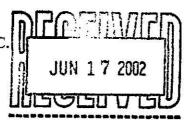
Reviewed By:

77

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	NC.	RUHUTA PASACI TI	Phone: \$25-669-3919	Preservatives											Received By	Malle	**
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	RADIGM AN. LYTICAL LABORATORIES, INC. 7 Northchase Parkway SE, Wilmington, NC 28405	nt: MATINISTACLE	Iress: & CACK FOOPTHU		Sample ID	low orang		]						1992 to 1880 state and a	Relinquished By	The Out	

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 13, 2002



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

Report Number: G442-96

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paladigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

### Results for PCBs by EPA 8082

Client Sample ID: WRP-GP10-001

Client Project ID: Kuhlman Electric

Lab Sample ID: 44955 Lab Project ID: G442-96

Matrix: Soil

%SOLIDS: 83.7

Date Collected: 5/30/02

Date Received: 6/1/02 Date Analyzed: 6/7/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 75 75 75 75 75 75 75 75		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	74	74

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: WRP-GP7-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 44956 Lab Project ID: G442-96

Surrogate Spike Recoveries

Matrix: Soil

%SOLIDS: 87.7

Date Collected: 5/30/02

Date Received: 6/1/02 Date Analyzed: 6/7/02 Analyzed By: CLP

Dilution: 1

Result

79

Date Extracted: 06/06/02

Recovered

79

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	74		BQL
Aroclor-1221	74		BQL
Aroclor-1232	74		BQL
Aroclor-1242	74		BQL
Aroclor-1248	74		BQL
Aroclor-1254	74		BQL
Aroclor-1260	74		BQL
Aroclor-1262	74		BQL
	Spike	Spike	Percent

Added

100

Comments:

**TCMX** 

**BQL** = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

#### **Results for PCBs** by EPA 8082

Client Sample ID: WRP-GP13-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 44957

Lab Project ID: G442-96

Matrix: Soil

%SOLIDS: 86.8

Date Collected: 5/31/02

Date Received: 6/1/02 Date Analyzed: 6/7/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

	Quantitation	Result
Compound	Limit (ug/KG)	(ug/KG)
Aroclor-1016	75	BQL
Aroclor-1221	75	BQL
Aroclor-1232	75	BQL
Aroclor-1242	75	BQL
Aroclor-1248	75	BQL
Aroclor-1254	75	BQL
Aroclor-1260	75	BQL
Aroclor-1262	75	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	65	65

Comments:

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

### MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Soil

Date Analyzed: 6/10/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID: Lab Project ID:

Matrix:

S-MS.MSD-4

Dilution:

5.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	960	1105	73%	1130	85%	15.9

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in Half #481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Date Analyzed:

6/7/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID: SLCS 4

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Spiked	Result	Limits	5
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	325	219	406

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/6/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/7/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	31		BQL
Aroclor-1221	31		BQL
Aroclor-1232	31		BQL
Aroclor-1242	31		BQL
Aroclor-1248	31		BQL
Aroclor-1254	31		BQL
Aroclor-1260	31		BQL
Aroclor-1262	31		BQL
	Spike Added	Spike Result	Percent Recovered

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	77	77



Comments:

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

Reviewed By: \(\frac{\frac{1}{\frac{1}{2}}}{2}\)

Please specify any special reporting (TOH) 1334 State Certification Requested SEE REVERSE FOR TERMS AND CONDITIONS STOP gone requirements Other Comments: 24-30" 3704 0-6" 3695 24-30" 96-266 #**303** SC Invoice To: Report To: 3714 五多 S Temperature Chain-of Custody Record & Analytical Request Date: 31 HYO? 10:00 Time Analyses Turnaround: Job Number: P.O. Number: Date Project ID: KOHUMN ELRIRK Contact: ANGERT HARTIN Phone: 828-669-3929 Received By Preservatives ADIGM AN AVILYTICAL LABORATORIES, INC. 7 Northchase Parkway SE, Wilmington, NC 28405 Fax: 辛 Time 15/62 120 ne: (910)-350-1903 FAX: (910)-350-1557 Time Matrix S Date 080 rame 3/4/2 10815 Iress: BLACK HOWYARN NC P-676-001 20/2 100-015-9. nt: MRZILD&SCALCE Date Relinquished By 700-19-d RP-6P13-002 Sample ID ite#:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 13, 2002



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

Report Number: G442-97

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paladigni Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### **Results for PCBs** by EPA 8082

Client Sample ID: SMP-GP33-001

Client Project ID: Kuhlman Electric

Lab Sample ID: 44958 Lab Project ID: G442-97

Matrix: Soil

%SOLIDS: 85.1

Date Collected: 5/31/02

Date Received: 6/1/02 Date Analyzed: 6/7/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	78		BQL
Aroclor-1016 Aroclor-1221	78		BQL
Aroclor-1232	78		BQL
Aroclor-1242	78		BQL
Aroclor-1248	78		BQL
Aroclor-1254	78		BQL
Aroclor-1260	78		BQL
Aroclor-1262	78		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
Surrogate opine reportation			
TCMX	100	58	58

Comments:

**BQL** = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

### MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 6/10/02

Client Project ID: Lab Sample ID:

S-MS.MSD-4

Analyzed By: CLP Dilution:

5.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	960	1105	73%	1130	85%	15.9

Comments:

**BQL** = Below Quantitation Limit

Results reported are on-column argounts in white 481 S.C. Certification #99029

## PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Date Analyzed:

6/7/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID:

SLCS 4

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Spiked	Result	Limits	5
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	325	219	406

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/6/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/7/02 Analyzed By: CLP

Dilution: 1

77

77

Date Extracted: 06/06/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	31		BQL
Aroclor-1221	31		BQL
Aroclor-1232	31		BQL
Aroclor-1242	31		BQL
Aroclor-1248	31		BQL
Aroclor-1254	31		BQL
Aroclor-1260	31		BQL
Aroclor-1262	31		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered

100

Comments:

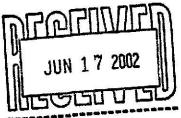
**TCMX** 

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

Please specify any special reporting State Certification Requested TERMS AND CONDITIONS SEE REVERSE FOR てるの requirements Other \_ 355 Comments: 1.9-0 DEPTH 2442-9 #**303** ပ္တ Report To: Invoice To: 3719 S Chain-of Custody Record & Analytical Request Temperature Date: 3 (41/01 Analyses Co:01 10/1/0 Time Turnaround: P.O. Number: Job Number: Date Project ID: KUHCMAN BLECTAIC Contact: ROBERT HALTIN Phone: \$18-69-39.9 द्ध × Received By Preservatives RADIGM AN CYTICAL LABORATORIES, INC. 17 Northchase Parkway SE, Wilmington, NC 28405 Fax: \_ Z 5/302 1300 Time one: (910)-350-1903 FAX: (910)-350-1557 Time Matrix Date अंद्रिक्ट विश्व dress: BLACK MOUNTAIN NG ont: MARTIN & SCALLE Date Charles O.M. Yeal Relinquished By (P-6P3300) Sample ID ote #: \_ dress:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 13, 2002



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

Report Number: G442-98

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytidal Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3672 Client Project ID: Kuhlman Electric

Lab Sample ID: 44959 Lab Project ID: G442-98

Surrogate Spike Recoveries

**TCMX** 

Matrix: Soil

14959

%SOLIDS: 93.5

Date Collected: 5/28/02

Date Received: 6/1/02 Date Analyzed: 6/7/02

Analyzed By: CLP

Dilution: 1

Result

73

Date Extracted: 06/06/02

Recovered

73

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	69		BQL
Aroclor-1221	69		BQL
Aroclor-1232	69		BQL
Aroclor-1242	69		BQL
Aroclor-1248	69		BQL
Aroclor-1254	69		BQL
Aroclor-1260	69		BQL
Aroclor-1262	69		BQL
	Spike	Spike	Percent

Added

100

Comments:

**BQL** = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3687 Client Project ID: Kuhlman Electric

Lab Sample ID: 44960 Lab Project ID: G442-98

Matrix: Soil

%SOLIDS: 87.6

Date Collected: 5/29/02 Date Received: 6/1/02 Date Analyzed: 6/7/02

Analyzed By: CLP Dilution: 1

Date Extracted: 06/06/02

	Quantitation	Result
Compound	Limit (ug/KG)	(ug/KG)
Aroclor-1016	77	BQL
Aroclor-1221	77	BQL
Aroclor-1232	77	BQL
Aroclor-1242	77	BQL
Aroclor-1248	77	BQL
Aroclor-1254	77	BQL
Aroclor-1254 Aroclor-1260	77	BQL
	77	BQL
Aroclor-1262	***	

Surrogate Spike Recoveries	Spike	Spike	Percent	
	Added	Result	Recovered	
TCMX	100	61	61	

Comments:

**BQL** = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3703 Client Project ID: Kuhlman Electric

Lab Sample ID: 44961 Lab Project ID: G442-98

Matrix: Soil

%SOLIDS: 87.4

Date Collected: 5/30/02 Date Received: 6/1/02

Date Analyzed: 6/7/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

Compound	Quantitation Llmit (ug/KG)	Result (ug/KG)
Aroclor-1016	68	BQL
Aroclor-1221	68	BQL
Aroclor-1232	68	BQL
Aroclor-1242	68	BQL
Aroclor-1248	68	BQL
Aroclor-1254	68	BQL
Aroclor-1260	68	BQL
Aroclor-1262	68	BQL

Surrogate Spike Recoveries Spike Result Recovered

TCMX Spike Spike Percent Recovered Result Recovered

Comments:

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

#### **Results for PCBs** by EPA 8082

Client Sample ID: Duplicate-3722 Client Project ID: Kuhlman Electric

Lab Sample ID: 44962 Lab Project ID: G442-98

Matrix: Soil

%SOLIDS: 86.2

Date Collected: 5/31/02 Date Received: 6/1/02

Date Analyzed: 6/7/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 77 77 77 77 77 77 77 77 77		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

100

Comments:

**TCMX** 

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

59

59

N.C. Certification #481 S.C. Certification #99029

#### MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

S-MS.MSD-4

Date Analyzed:

6/10/02

Client Project ID:

):

Analyzed By:

CLP 5.0

Lab Sample ID: Lab Project ID:

Matrix:

Soil

Dilution:	

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	960	1105	73%	1130	85%	15.9



Comments:

BQL = Below Quantitation Limit

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Date Analyzed:

6/7/02

Client Project ID:

Analyzed By:

Dilution:

CLP

Lab Sample ID: SLCS 4

1.0

Lab Project ID:

Matrix:

Soil

Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	325	219	406

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/6/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/7/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 31 31 31 31 31 31 31 31		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	77	77

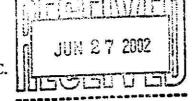
Comments:

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

015 Please specify any special reporting 1532912 State Certification Requested TERMS AND CONDITIONS 28907 SEE REVERSE FOR good requirements Other Comments: #202 HOBICE SC Report To: \_ メンソ Invoice To: 3687 3763 S Z Chain-of Custody Record & Analytical Request Temperature Date: 311107 BY Date Time 61.102 10:00 Analyses P.O. Number: Job Number: Contact: Debeat 1942(Murnaround: ent: MARTIN 452-A6 C. Project ID: LOULIND RUECIRIC dress: BCACK NOUNTAIL DC Phone: 828-69-3919 2 Received By × Preservatives RADIGM ANALYTICAL LABORATORIES, INC. 27 Northchase Parkway SE, Wilmington, NC 28405 Fax: 麦 5/21/02 /300 Time one: (910)-350-1903 FAX: (910)-350-1557 Time Matrix V Date उद्भारक 2846 3450 Date 287 Relinquished By UPLICATIF PLACT P SPLL CA7E Sample ID JANUAGE . iote #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 25, 2002



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

Report Number: G442-99

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: PWP-GP37-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 45471

Lab Project ID: G442-99

Matrix: Soil

%SOLIDS: 67.4

Date Collected: 6/4/02

Date Received: 6/8/02 Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 2

Date Extracted: 06/10/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 290 290 290 290 290 290 290 290 290		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	86	86

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: PWP-GP39-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 45472 Lab Project ID: G442-99

Matrix: Soil

%SOLIDS: 73.9

Date Collected: 6/4/02 Date Received: 6/8/02

Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 2

Date Extracted: 06/10/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 260 260 260 260 260 260 260 260		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	88	88

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: PWP-GP43-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 45473 Lab Project ID: G442-99

Matrix: Soil

%SOLIDS: 55.2

Date Collected: 6/5/02 Date Received: 6/8/02

Date Received: 6/6/02 Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/11/02

Сотроина	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	180		BQL
Aroclor-1221	180		BQL
Aroclar-1232	180		BQL
Aroclor-1242	180		BQL
Aroclor-1248	180		BQL
Aroclor-1254	180		BQL
Aroclor-1260	180		BQL
Aroclor-1262	180		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	41	41

Comments:

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

#### **Results for PCBs** by EPA 8082

Client Sample ID: PWP-GP44-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 45474 Lab Project ID: G442-99

Matrix: Soil

%SOLIDS: 74.5

Date Collected: 6/6/02 Date Received: 6/8/02

Date Analyzed: 6/18/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/10/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130 130	¥	Result (ug/KG) BQL
Surrogate Spike Recoveries TCMX	Spike Added 100	Spike Result	Percent Recovered 74

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/10/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/14/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/10/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  37  37  37  37  37  37  37  37		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ	
Surrogate Spike Recoveries	Spike	Spike	Percent	
	Added	Result	Recovered	

Comments:

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

Reviewed By: 1

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N.C. Certification #481 S.C. Certification #99029

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/11/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/14/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/11/02

Compound Arocior-1016 Arocior-1221 Arocior-1232 Arocior-1242 Arocior-1248 Arocior-1254 Arocior-1260 Arocior-1262	Quantitation Limit (ug/KG) 37 37 37 37 37 37 37		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	60	60

Comments:

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

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 6/18/02

!==: ID:

Analyzed By:

CLP

Client Project ID: Lab Sample ID:

S-MS.MSD-5

Dilution:

1.0

Lab Project ID: Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in up/#481 S.C. Certification #99029

#### PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 5

Lab Project ID:

Matrix:

Soil

Date Analyzed: 6/18/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	287	219	406

Please specify any special reporting 2/1 State Certification Requested SEE REVERSE FOR TERMS AND CONDITIONS ō requirements Comments: Other \_ STANE 66-8hhS STATE Page. Invoice To: SC Report To: 3762-3734 A ISIL 3744 3729 # NC Chain-of Custody Record & Analytical Request Temperature 575 Analyses Time Date: Job Number: P.O. Number: Turnaround: Date Project ID: ICHHUMMU GUETWIL Contact: Lobert MARTIN Phone: \$2f-668-7929 . . . . pesi X X Received By Preservatives 3627 Northchase Parkway SE, Wilmington, NC 28405 Fax: X X Time Woo thorne: (910)-350-1903 FAX: (910)-350-1557 Time Matrix Ŋ S Z S Date JWP-CP37-00) OUTWOL 1040 0815 is.d W.P-GP44-002 06JNUL 0945 1.10 WP-6839-001 6471002 1255 SLAGIE ddress: butch MOUNTAIN STABLE Date /i (dat Relinquished By Tient: ##CTIO + WP-6143-001 Sample ID ないるほかっ )uote #: \_\_ ddress:

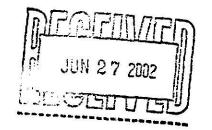
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'ARADIGM ANALYTICAL LABORATORIES, INC.

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 25, 2002



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

Report Number: G442-101

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3733 Client Project ID: Kuhlman Electric

Lab Sample ID: 45476 Lab Project ID: G442-101

Matrix: Soil

%SOLIDS: 67.9

Date Collected: 6/4/02

Date Received: 6/8/02 Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 2

Date Extracted: 06/10/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 280 280 280 280 280 280 280 280 280		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	66	66

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3751 Client Project ID: Kuhlman Electric

Lab Sample ID: 45477 Lab Project ID: G442-101

Matrix: Soil

%SOLIDS: 83.8

Date Collected: 6/5/02

Date Received: 6/8/02 Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/10/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added 100	Spike Result 70	Percent Recovered

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3766 Client Project ID: Kuhlman Electric

Lab Sample ID: 45478 Lab Project ID: G442-101

Matrix: Soil

%SOLIDS: 75.9

Date Collected: 6/6/02

Date Received: 6/8/02 Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/10/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	130		BQL
Aroclor-1221	130		BQL
Aroclor-1232	130		BQL
Aroclor-1242	130		BQL
Aroclor-1248	130		BQL
Aroclor-1254	130		BQL
Aroclor-1260	130		BQL
Aroclor-1262	130		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	73	73

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3791 Client Project ID: Kuhlman Electric

Lab Sample ID: 45479 Lab Project ID: G442-101

Matrix: Soil

%SOLIDS: 95.0

Date Collected: 6/7/02 Date Received: 6/8/02

Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/10/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 100 100 100 100 100 100		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	74	74

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/10/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/14/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/10/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	37		BQL
Aroclor-1221	37		BQL
Aroclor-1232	37		BQL
Aroclor-1242	37		BQL
Aroclor-1248	37		BQL
Aroclor-1254	37		BQL
Aroclor-1260	37		BQL
Aroclor-1262	37		BQL
•			
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	58	58

Comments:

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

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 6/18/02

Client Project ID:

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S-MS.MSD-5

Analyzed By: CLP

Lab Sample ID:

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L S.C. Certification #99029

## PARADUGINION ALOTTICIA E JAMBOBATORES, INC. by GC 8082

Client Sample ID: Batch QC

Date Analyzed: 6/18/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID: SLCS 5

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	287	219	406

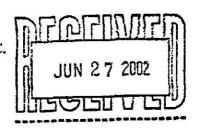
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'ARADIGM A VITICAL LABORATORIES, INC.

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 25, 2002



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

Report Number: G442-103

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradtom Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: WRP-GP16-001 Client Project ID: Kuhlman Electric Lab Sample ID: 45544

Lab Project ID: G442-103

Matrix: Soil

%SOLIDS: 83.7

Date Collected: 6/5/02 Date Received: 6/8/02

Date Analyzed: 6/18/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/12/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	77	77

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### **Results for PCBs** by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk6/12/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/12/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	38		BQL
Aroclor-1221	38		BQL
Aroclor-1232	38		BQL
Aroclor-1242	38		BQL
Aroclor-1248	38		BQL
Arocior-1254	38		BQL
Aroclor-1260	38		BQL
Aroclor-1262	38		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
ouriogate opine recoveries	Added	Kesuit	RESOTETOE
TCMX	100	45	45

Comments:

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

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 6/18/02

Analyzed By:

CLP

Client Project ID: Lab Sample ID:

S-MS.MSD-5

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

Comments:

BQL = Below Quantitation Limit

Results reported are on-column affectiffs aniog/#481 S.C. Certification #99029

## PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Date Analyzed: 6/18/02

Client Project ID:

Analyzed By:

Lab Sample ID: SLCS 5

CLP 1.0

Lab Project ID:

Matrix:

Soil

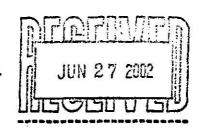
Dilution:

Compound	Spiked	Result	Limits	
Compound	(ug/KG)	(ug/KG)	Lower	<u>Upper</u>
Arocior 1260	313	287	219	406

State Certification Requested TEDAJE ANID CONIDITIONIC SEE REVERSE FOR "Please specify any special Comments Other Page\_ SFEE STATE #**303** Report To: \_ Invoice To: A16811 3745 CH B S Chain-of Custody Record & Analytical Request Temperature Time Analyses Date: Contact: LOBERT MAKEIN Turnaround: Job Number: P.O. Number: Date Energetic WHAT MEN Phone: P24-669-8929 Pebs Received By Project ID: Kultuado Preservatives [1] ARADIGM ANTICAL LABORATORIES, INC. '627 Northchase Parkway SE, Wilmington, NC 28405 Fax: Time FAX: (910)-350-1557 کا Date MAKTID + SLAFEE 0150 20MISO BLACK WOUNTAIN hone: (910)-350-1903 Relinquished By Sample ID いるからいとなってい 中国の名が JRP-Chi-001 ddress:\_ ddress: uote #: lient:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 25, 2002



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

Report Number: G442-100

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

#### **Results for PCBs** by EPA 8082

Client Sample ID: RDW-GP5-01 Client Project ID: Kuhlman Electric

Lab Sample ID: 45475 Lab Project ID: G442-100

Matrix: Soil

%SOLIDS: 90.3

Date Collected: 6/5/02

Date Received: 6/8/02 Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/10/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		BQL
Aroclor-1262	110		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	72	72

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/10/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 6/14/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/10/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 37 37 37 37 37 37 37 37		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	58	58

Comments:

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

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID: Client Project ID:

Batch QC

Date Analyzed: 6/18/02

Analyzed By:

CLP

Lab Sample ID:

S-MS.MSD-5

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Araclor-1260	BQL	883	88%	1066	107%	18.8

Comments:

BQL = Below Quantitation Limit

Results reported are on-column appunts in wall 481 S.C. Certification #99029

#### PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 5

Lab Project ID:

Matrix:

Soil

Date Analyzed: 6/18/02

Analyzed By:

CLP

Dilution:

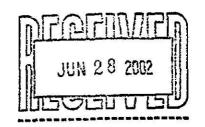
1.0

Compound	Spiked	Result	Limits	\$
-	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	287	219	406

Please specify any special reporting State Certification Requested TERMS AND CONDITIONS 28532 5 SEE REVERSE FOR . requirements Comments: Colher. シサン STARE #**303** SC Invoice To:\_ MOBIL 3758 Report To: S. Chain-of Custody Record & Analytical Request Temperature 17 Analyses Time Date: Contact: LOBERT MARTIN Turnaround: Job Number: P.O. Number: Date ERKIG Phone: P2F-465-3925 1. 1. PS. Received By × Project ID: Kuttented Preservatives ARADIGM AMENTICAL LABORATORIES, INC. 627 Northchase Parkway SE, Wilmington, NC 28405 Fax: SA SA メ Time 1/2 thone: (910)-350-1903 FAX: (910)-350-1557 Matrix Z Date 1540 1.光线 1984 lient: MITATIN + SLITCLE ddress: BUACK MOUNTHIN Date 43250 1. . K. t. R. a. 13.4 1.1 1.1 Relinquished By は最後であると こ Sample ID KDW-GPS-001 13 . W. P. W. ddress: uote #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

June 26, 2002



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

Report Number: G442-104

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradism Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3816 Client Project ID: Kuhlman Electric

Lab Sample ID: 45653 Lab Project ID: G442-104

Matrix: Soil

%SOLIDS: 86.0

Date Collected: 6/8/02

Date Received: 6/11/02 Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 06/12/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 570 570 570 570 570 570 570 570 570		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	85	85

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3841 Client Project ID: Kuhlman Electric

Lab Sample ID: 45654 Lab Project ID: G442-104

Matrix: Soil

%SOLIDS: 86.8

Date Collected: 6/9/02

Date Received: 6/11/02 Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 2

Date Extracted: 06/12/02

Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	210 210 210 210 210 210 210		BQL BQL BQL BQL <b>2200</b> BQL
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

Comments:

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

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk6/12/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

45

Date Analyzed: 6/18/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/12/02

	Quantitation		Result
Compound	Limit (ug/KG)	82	(ug/KG)
Aroclar-1016	38		BQL
Aroclor-1221	38		BQL
Aroclor-1232	38		BQL
Aroclor-1242	. 38		BQL
Aroclor-1248	38		BQL
Aroclor-1254	38		BQL
Aroclor-1260	38		BQL
Aroclor-1262	38		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

Comments:

**TCMX** 

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

45

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

S-MS.MSD-5

Date Analyzed: 6/18/02

Client Project ID:

Analyzed By:

Lab Sample ID:

Dilution:

CLP 1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	883	88%	1066	107%	18.8

Comments:

BQL = Below Quantitation Limit Certification #481 S.C. Certification #99029 Results reported are on-column amounts in ug/L.

#### Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Date Analyzed: 6/18/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID: SLCS 5

Dilution:

1.0

Lab Project ID:

Matrix:

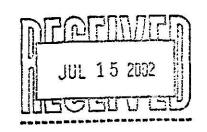
Soil

Compound	Spiked	Result	Limits	\$
Compound	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	287	219	406

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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

July 11, 2002



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

Report Number: G442-109

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP1-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 46796

Lab Project ID: G442-109

Matrix: Soil

%SOLIDS: 77.5

Date Collected: 6/14/02

Date Received: 6/22/02 Date Analyzed: 7/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/26/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	109	109

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/26/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/3/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/26/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 35 35 35 35 35 35 35 35 35		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result 112	Percent Recovered

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID: Client Project ID:

Batch QC

Date Analyzed: 6/26/02

Analyzed By:

CLP

Lab Sample ID:

S-MS.MSD-6

Dilution:

100.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	676	N/A	N/A	N/A	N/A	N/A

Note: Matrix spike cannot be analyzed due to dilution

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L S.C. Certification #99029

# PARADIGM OF LAND SPIKE (PLES), INC. by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 6

Lab Project ID:

Matrix:

Soil

Date Analyzed: 6/26/02

Analyzed By:

CLP

Dilution:

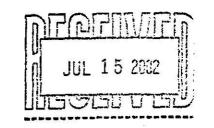
1.0

Compound	Spiked	Result	Limits	3
V → CO → C	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	268	219	406

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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

July 11, 2002



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

Report Number: G442-110

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3878 Client Project ID: Kuhlman Electric

Lab Sample ID: 46797 Lab Project ID: G442-110

Matrix: Soil

%SOLIDS: 77.7

Date Collected: 6/14/02 Date Received: 6/22/02

Date Analyzed: 7/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/26/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	120		BQL
Arocior-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		1200
Aroclor-1262	120		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	120	120

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 6/26/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/3/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 06/26/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 35 35 35 35 35 35 35 35 35		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
	100	112	112

Comments:

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

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 6

Lab Project ID:

Matrix:

Soil

Date Analyzed: 6/26/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	}
SSSACRES S ■ W	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	268	219	406

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 6/26/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID: S-MS.MSD-6 Dilution:

100.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
----------	--------	----	------	-----	------	-----

Aroclor-1260 676 N/A N/A N/A N/A N/A

Note: Matrix spike cannot be analyzed due to dilution

Comments:

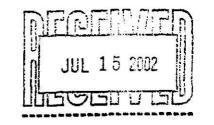
BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L S.C. Certification #99029

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Time   Beceived By   Date   Time   Temperature   State Certification Request   Model	Date   Time   Received By   Date   Time   Temperature   NC   NC   NC   NC   NC   NC   NC   N	Date Time Received By Date Time Temperature    1/21/02   0:10   4:2°C   NC				_	<b>*</b> .							THE DAKE A RICH CANDING TO A STATE OF THE PARTY OF THE PA

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

July 12, 2002



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

Report Number: G442-112

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP3-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 47300 Lab Project ID: G442-112

Matrix: Soil

%SOLIDS: 83.9

Date Collected: 6/23/02

Date Received: 6/28/02 Date Analyzed: 7/6/02

Analyzed By: CLP

Dilution: 20

Date Extracted: 07/02/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 2200 2200 2200 2200 2200 2200 2200 22		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP7-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 47301 Lab Project ID: G442-112

Matrix: Soil

%SOLIDS: 78.0

Date Collected: 6/23/02

Date Received: 6/28/02

Date Analyzed: 7/6/02 Analyzed By: CLP

Dilution: 20

Date Extracted: 07/02/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 2500 2500 2500 2500 2500 2500 2500 250		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

Reviewed By: \_

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP12-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 47302 Lab Project ID: G442-112

Matrix: Soil

%SOLIDS: 82.8

Date Collected: 6/23/02

Date Received: 6/28/02 Date Analyzed: 7/6/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 07/02/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  1100  1100  1100  1100  1100  1100  1100  1100		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP13-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 47303 Lab Project ID: G442-112

Matrix: Soil

%SOLIDS: 91.8

Date Collected: 6/24/02 Date Received: 6/28/02

Date Analyzed: 7/3/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 07/02/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	110	110

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP15-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 47304 Lab Project ID: G442-112

Matrix: Soil

%SOLIDS: 72.9

Date Collected: 6/24/02

Date Received: 6/28/02 Date Analyzed: 7/11/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 07/02/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 1200 1200 1200 1200 1200 1200 1200 120		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/2/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/3/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 07/02/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	100		BQL
Aroclor-1221	100		BQL
Aroclor-1232	100		BQL
Aroclor-1242	100		BQL
Aroclor-1248	100		BQL
Aroclor-1254	100		BQL
Aroclor-1260	100		BQL
Aroclor-1262	100		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	124	124

Comments:

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

## MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 6/26/02

Analyzed By:

CLP

Client Project ID: Lab Sample ID:

S-MS.MSD-6

Dilution:

100.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Arocior-1260	676	N/A	N/A	N/A	N/A	N/A

Note: Matrix spike cannot be analyzed due to dilution

Comments:

BQL = Below Quantitation Limit

Results reported are on-column fordifficationy#481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Lab Sample ID: SLCS 6

Client Project ID:

Date Analyzed: 6/26/02

Analyzed By:

Dilution:

CLP 1.0

Lab Project ID:

Matrix:

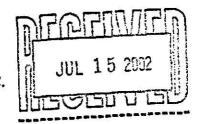
Soil

Compound	Spiked	Result	Limits	5
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	268	219	406

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نِ	Project ID: 1ChHungto 6 Contact: Arbert M	Phone:	<u>*</u> 2	×	××	×	× ×					1/4/ X. C. 1/4/fe	1
ICAL LABORATOR y SE, Wilmington, NC FAX: (910)-350-1557	SLAK LE	N. 0.4	Time M	Sheo	2 pero	2011	5 3461				4	1	-
PARADIGM LYTICAL LABORATORIES, IN 2627 Northchase Parkway SE, Wilmington, NC 28405 Phone: (910)-350-1903 FAX: (910)-350-1557	Client: MMarin + St.	Address: Better Mountain	Sample ID Date	CNP-6P3-001 23JNO2	CNP-CP7-002 235WOZ	CNP-CP13-001 245WIL	CNF-CPIS-001 2452002 1445				Relinanished Br	Noch Los	

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

July 12, 2002



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

Report Number: G442-114

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3886 Client Project ID: Kuhlman Electric

Lab Sample ID: 47307 Lab Project ID: G442-114

Matrix: Soil

%SOLIDS: 83.8

Date Collected: 6/22/02

Date Received: 6/28/02 Date Analyzed: 7/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/02/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries TCMX	Spike	Spike	Percent
	Added	Result	Recovered
	100	117	117

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3902 Client Project ID: Kuhlman Electric

Lab Sample ID: 47308 Lab Project ID: G442-114

Matrix: Soil

%SQLIDS: 84.2

Date Collected: 6/23/02

Date Received: 6/28/02 Date Analyzed: 7/6/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 07/02/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 1100 1100 1100 1100 1100 1100 1100		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3932 Client Project ID: Kuhlman Electric

Lab Sample ID: 47309 Lab Project ID: G442-114

Matrix: Soil

%SOLIDS: 92.0

Date Collected: 6/24/02 Date Received: 6/28/02

Date Analyzed: 7/3/02

Analyzed By: CLP
Dilution: 1

Date Extracted: 07/02/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  100  100  100  100  100  100  100  1	5	Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/2/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/02/02

Compound Aroclor-1016	Quantitation Limit (ug/KG) 100		Result (ug/KG) BQL
Aroclor-1221	100		BQL
Aroclor-1232	100		BQL
Aroclor-1242	100		BQL
Aroclor-1248	100		BQL
Aroclor-1254	100		BQL
Aroclor-1260	100		BQL
Aroclor-1262	100		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	124	124

Comments:

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

## MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

S-MS.MSD-6

Date Analyzed: 6/26/02

Client Project ID:

Analyzed By:

Lab Sample ID:

Dilution:

CLP 100.0

Lab Project ID:

Matrix:

Soil

Sample MS %Rec MSD %Rec RPD

Aroclor-1260

Compound

676

N/A

N/A

N/A

N/A

NA

Note: Matrix spike cannot be analyzed due to dilution

Comments:

BQL = Below Quantitation Limit
Results reported are on-column amounts in by/L.

S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 6

Lab Project ID:

Matrix: -

Soil

Date Analyzed: 6/26/02

Analyzed By:

CLP

Dilution:

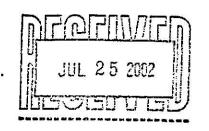
1.0

Compound	Spiked	Result	Limits	5
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	268	219	406

st 200 '86	Report To: Spine		Invoice To: SHAME	Please specify aily special reporting	יו ב	189E	3902	7532	965 -	G442-114 ;	m }.	7	الدوا	Ju	W	State Certification Requested	NCSCOther	SEE REVERSE FOR TERMS AND CONDITIONS
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PARADIGM LYTICAL LABORATORIES, IN 2627 Northchase Parkway SE, Wilmington, NC 28405 Phone: (910)-350-1903 FAX: (910)-350-1557	Jient: MALTINE	Iddress: butter mounth w	Juote #:		Sample ID	Duplication	Duplichte	DUPLICATE								Relinquished By	Make Fact	

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

July 22, 2002



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

Report Number: G442-119

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP18-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 48221 Lab Project ID: G442-119

Matrix: Soil

9

%SOLIDS: 69.2

Date Collected: 7/9/02

Date Received: 7/11/02 Date Analyzed: 7/17/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 07/16/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 1400 1400 1400 1400 1400 1400 1400	·	Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP19-001

Client Project ID: Kuhlman Electric

Lab Sample ID: 48222 Lab Project ID: G442-119

Matrix: Soil

%SOLIDS: 74.2

Date Collected: 7/9/02

Date Received: 7/11/02 Date Analyzed: 7/17/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 07/16/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 660 660 660 660 660 660		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	95	95

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3996

Client Project ID: Kuhlman Electric

Lab Sample ID: 48223 Lab Project ID: G442-119

Matrix: Soil

%SOLIDS: 70.7

Date Collected: 7/9/02

Date Received: 7/11/02 Date Analyzed: 7/17/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 07/16/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 680 680 680 680 680 680 680		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

100

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

**TCMX** 

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

Reviewed By:

95

95

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/16/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/17/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/16/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	44		BQL
Aroclor-1221	44		BQL
Aroclor-1232	44		BQL
Aroclor-1242	44		BQL
Aroclor-1248	44		BQL
Aroclor-1254	44		BQL
Aroclor-1260	44		BQL
Aroclor-1262	44		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	62	62

Comments:

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

Reviewed By: עיבו

## MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 7/15/02

Client Project ID:

CLP Analyzed By:

Lab Sample ID:

S-MS.MSD-7

Dilution: 1.0

Lab Project ID: Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	819	82%	847	85%	3.4

Comments:

BQL = Below Quantitation Limit. Certification #481 Results reported are on-column amounts in ug/L. S.C. Certification #99029

Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Date Analyzed: 7/15/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID: SLCS 7

Dilution:

1.0

Lab Project ID:

Matrix:

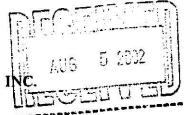
Soil

Compound	Spiked	Result	Limits	
Compound	(ug/KG)	(ug/KG)	Lower	Upper
Arocior 1260	313	358	219	406

Please specify any special reporting State Certification Requested **TERMS AND CONDITIONS** SEE REVERSE FOR requirements \_ Other \_\_ Comments: Report To: State Simil #J02 SC Invoice To:\_ Megir 1868 これ 3913 3668 Z Chain-of Custody Record & Analytical Request Temperature Analyses 07.35 Time Date: Turnaround: Job Number: P.O. Number: Date Project ID: Kustunita Flevance Contact: Kaderit phithirm Pels X X X Received By Preservatives ARADIGM AN SYTICAL LABORATORIES, INC. 227 Northehase Parkway SE, Wilmington, NC 28405 Phone: Fax: \$ 5 53 Time hone; (910)-350-1903 FAX; (910)-350-1557 Time Matrix S M S 7/6/62 ل. چ Date lient: 111th2Ting = State LET Pres 1707 Idress: Blikk Mundithio NP-6818-601 095202 OFFICE Date 67.11.12 Relinquished By NP-61 13-60) Sample ID Which TE !dress:\_ mole#:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

August 1, 2002



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

Report Number: G442-120

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP21-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 48744 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 82.0

Date Collected: 7/11/02

Date Received: 7/16/02 Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120	*	Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	92	92

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Arocior 1260 and Aroclor 1262

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP25-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 48745 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 75.2

Date Collected: 7/11/02

Date Received: 7/16/02 Date Analyzed: 7/28/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 07/24/02

Compound	Quantitation		Result
Compound	Llmit (ug/KG)		(ug/KG)
Aroclor-1016	1300		BQL
Aroclor-1221	1300		BQL
Aroclor-1232	1300		BQL
Aroclor-1242	1300		BQL
Aroclor-1248	1300		BQL
Aroclor-1254	1300		BQL
Aroclor-1260	1300		9100
Aroclor-1262	1300		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	NA	NA

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP26-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 48746 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 81.3

Date Collected: 7/12/02

Date Received: 7/16/02 Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries TCMX	Spike	Spike	Percent
	Added	Result	Recovered
	100	86	86

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP30-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 48747 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 80.5

Date Collected: 7/12/02

Date Received: 7/16/02 Date Analyzed: 7/28/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 560 560 560 560 560 560 560 560		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP33-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 48748 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 83.6

Date Collected: 7/12/02

Date Received: 7/16/02 Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound	Quantitation Limit (ug/KG)	慈	Result (ug/KG)				
Aroclor-1016	110		BQL				
Aroclor-1221	110		BQL				
Aroclor-1232	110		BQL				
Aroclor-1242	110 110 110 110		BQL BQL BQL BQL				
Aroclor-1248 Aroclor-1254 Aroclor-1260							
				Arocior-1262	110		BQL
				Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered

100

85

Comments:

TCMX

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

Reviewed By: \_

85

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP35-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 48749 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 75.6

Date Collected: 7/13/02 Date Received: 7/16/02

Date Analyzed: 7/26/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
DBC	100	119	119

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## **Results for PCBs** by EPA 8082

Client Sample ID: CNP-GP39-003 Client Project ID: Kuhlman Electric

Lab Sample ID: 48750

Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 81.9

Date Collected: 7/13/02

Date Received: 7/16/02 Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)	
Aroclor-1016	110		BQL	
Aroclor-1221	110		BQL	
Aroclor-1232	110		BQL	
Aroclor-1242	110		BQL	
Aroclor-1248	110		BQL	
Aroclor-1254	110		BQL	
Aroclor-1260	110		BQL	
Aroclor-1262	110		BQL.	
Surrogate Spike Recoveries	Spike Adde <del>d</del>	Spike Result	Percent Recovered	
TCMX	100	118	118	

Comments:

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

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP42-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 48751 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 77.7

Date Collected: 7/13/02

Date Received: 7/16/02 Date Analyzed: 7/28/02

Analyzed By: CLP

Dilution: 2

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 260 260 260 260 260 260 260 260		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP44-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 48752 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 79.7

Date Collected: 7/14/02

Date Received: 7/16/02 Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	108	108

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP49-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 48753 Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 74.7

Date Collected: 7/14/02

Date Received: 7/16/02 Date Analyzed: 7/28/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 650 650 650 650 650 650 650 650		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	90	90

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP52-001
Client Project ID: Kuhlman Electric
Lab Sample ID: 48754

Lab Project ID: G442-120

Matrix: Soil

%SOLIDS: 80.6

Date Collected: 7/14/02

Date Received: 7/16/02 Date Analyzed: 7/28/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 600 600 600 600 600 600 600 600	•	Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added 100	Spike Result	Percent Recovered

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/24/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	39		BQL
Aroclor-1221	39		BQL
Aroclor-1232	39		BQL
Aroclor-1242	39		BQL
Aroclor-1248	39		BQL
Aroclor-1254	39		BQL
Aroclor-1260	39		BQL
Aroclor-1262	39		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	114	114

Comments:

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

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 7/26/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID: Lab Project ID:

S-MS.MSD-9

Dilution:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	289	1265	98%	1036	75%	26.6

Comments:

**BQL** = Below Quantitation Limit

Results reported are on-column amounts in ug/L \$\text{N.C. Certification #481}\$ S.C. Certification #99029

# PARADIGINIO VALUTICA & JABORATORIES, INC. by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 9

Lab Project ID:

Matrix:

Soil

Date Analyzed: 7/29/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	227	219	406

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YTICAL LABORATORIES, INC. 'ARADIGM A

'627 Northchase Parkway SE, Wilmington, NC 28405 hone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

coc# 31C3

Please specify any special reporting Requested SINTINNA requirements FOR (DING) Comments: CAME SAME State Certificativ SEE REV TERMS AF SC Report To: Invoice To: 11814 148 S Temperature Analyses 000 Time Date: \_ Turnaround: Job Number: P.O. Number: Date . KAHLMAN GUESTRIC Contact: RIBERT MARTIN Received By É Preservatives Project ID: \_ ddress: BLACK MOUNTAIN NC Phone: Fax: Time 4 11/1/11 Date 14502 1305/ lient: MACTINT CLACIE Relinquished By 100-2587-001 Sample ID ddress: note #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

August 1, 2002

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

Report Number: G442-122

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc. .

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4009 Client Project ID: Kuhlman Electric

Lab Sample ID: 48758 Lab Project ID: G442-122

Matrix: Soil

%SOLIDS: 79.5

Date Collected: 7/11/02

Date Received: 7/16/02 Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	87	87

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4048 Client Project ID: Kuhlman Electric

Lab Sample ID: 48759 Lab Project ID: G442-122

Matrix: Soil

%SOLIDS: 74.6

Date Collected: 7/13/02

Date Received: 7/16/02 Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130 130		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	57	57

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4075 Client Project ID: Kuhlman Electric Lab Sample ID: 48760

Lab Project ID: G442-122

Matrix: Soil

%SOLIDS: 80.1

Date Collected: 7/14/02

Date Received: 7/16/02 Date Analyzed: 7/28/02

Analyzed By: CLP

Dilution: 2

Date Extracted: 07/24/02

Compound Arocior-1016 Arocior-1221 Arocior-1232 Arocior-1242 Arocior-1248 Arocior-1254 Arocior-1260 Arocior-1262	Quantitation Limit (ug/KG) 240 240 240 240 240 240 240 240 240		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	98	- 98

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/24/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 39 39 39 39 39 39 39 39		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	114	114

Comments:

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

Reviewed By: \( \frac{1}{\lambda \infty}

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 7/26/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID: Lab Project ID:

Lab Flojeci

S-MS.MSD-9

Dilution:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	289	1265	98%	1036	75%	26.6

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L S.C. Certification #99029

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 9

Lab Project ID:

Matrix:

Soil

Date Analyzed: 7/29/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	3
•	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	227	219	406

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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

August 1, 2002



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

Report Number: G442-123

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP55-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49207 Lab Project ID: G442-123

Matrix: Soil

%SOLIDS: 83.6

Date Collected: 7/15/02

Date Received: 7/20/02 Date Analyzed: 7/30/02

Analyzed By: CLP

Dilution: 25

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 2700 2700 2700 2700 2700 2700 2700 270	e	Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP54-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49208 Lab Project ID: G442-123

Matrix: Soil

%SOLIDS: 80.4

Date Collected: 7/15/02

Date Received: 7/20/02 Date Analyzed: 7/30/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 570 570 570 570 570 570 570 570		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	70	70

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/24/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 39 39 39 39 39 39 39 39		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added 100	Spike Result	Percent Recovered

Comments:

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

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 7/26/02

Client Project ID:

Analyzed By:

Dilution:

Lab Sample ID:

S-MS.MSD-9

CLP 1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	289	1265	98%	1036	75%	26.6

Comments:

BQL = Below Quantitation Limit
Results reported are on-column amounts in ugu. 

S.C. Certification #99029

#### PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Date Analyzed: 7/29/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID: SLCS 9

Lab Project ID:

Dilution:

1.0

Matrix:

Soil

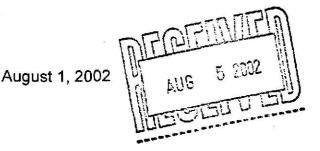
Сотроили	Spiked	Result	Limits	•
Compound	(ug/KG)	(ug/KG)	Lower	Upper
Arocior 1260	313	227	219	406

Please specify any special reporting 159412 ROOM 52407 1012-1112 State Certification Requested SEE REVERSE SAME requirements SAOR Comments: Other. 6412-123 至3年 4098 <u>₽</u>88 #202 SC Invoice To: Report To: 10-01 SC Chain-of Custody Record & Analytical Request Temperature 20768 Analyses グング Time Date: \_ Turnaround: Job Number: P.O. Number: 7.20/02. Date Project ID: KUHLTIND ELECTUC Phone: 828-669-3929 Contact: Pobling MARIN Received By Preservatives 'ARADIGM AN YTICAL LABORATORIES, INC. 627 Northchase Parkway SE, Wilmington, NC 28405 Fax: Time 1192 1500 hone: (910)-350-1903 FAX: (910)-350-1557 Time Matrix 9 Date 8835 ddress: BLACK FOUNTHIN N.C. 900 lient: MANTINGSCAGLE Date 13/2 Relinquished By, 1.00 Sample ID UP-6P55-001 NP-6754-00 Filt Berrant ddress: uote #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903

Fax (910) 350-1557

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



Report Number: G442-124

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4103

Client Project ID: Kuhlman Electric

Lab Sample ID: 49209 Lab Project ID: G442-124

Matrix: Soil

%SOLIDS: 79.8

Date Collected: 7/15/02

Date Received: 7/20/02

Date Analyzed: 7/30/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 07/24/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	610		BQL
Aroclor-1221	610		BQL
Aroclor-1232	610		BQL
Aroclor-1242	610		BQL
Aroclor-1248	610		BQL
Aroclor-1254	610		BQL
Aroclor-1260	610		4200
Aroclor-1262	610		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	85	85

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/24/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 7/26/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/24/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 39 39 39 39 39 39 39 39		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	114	114

Comments:

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

## PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 9

Lab Project ID:

Matrix:

Soil

Date Analyzed: 7/29/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	\$
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	227	219	406

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 7/26/02

Client Project ID:

Analyzed By:

Lab Sample ID:

S-MS.MSD-9

Dilution:

CLP 1.0

Lab Project ID:

Matrix:

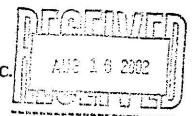
Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	289	1265	98%	1036	75%	26.6

さるおとまる 524Q 071 524QD/ Please specify any special reporting 23gW CHOH 15/34/12 State Certification Requested SEE REVERSE FOR 6)278H 9/3][8 #303 requirements SAME SATE Comments: Other 21-24Ks 1061CR 14B Invoice To:\_ ညွှ Report To: S S Chain-of Custody Record & Analytical Request Temperature 67005 Analyses 7/20/02 9:45 Time Date: \_ Turnaround: P.O. Number: Phone: \$28-669-3929 Job Number: Date Project ID: KUNLTAN PURCAIC WCG 1 Contact: Robert UNACIN Received By Preservatives 1 PARADIGM ANTICAL LABORATORIES, INC. 2627 Northchase Parkway SE, Wilmington, NC 28405 Fax: 3 Time 1/19/12/500 Phone: (910)-350-1903 FAX: (910)-350-1557 Address: beach itountain NC Date Client: HAKTIP & School Relinquished By DUTTE Address: Quote #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

August 12, 2002



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

Report Number: G442-125

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP60-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49718 Lab Project ID: G442-125

Matrix: Soil

%SOLIDS: 87.5

Date Collected: 7/23/02

Date Received: 7/27/02 Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/31/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  100  100  100  100  100  100  100  1		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added 100	Spike Result	Percent Recovered

Comments:

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

Reviewed By: الرما

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP63-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49719 Lab Project ID: G442-125

Matrix: Soil

%SOLIDS: 66.9

Date Collected: 7/23/02

Date Received: 7/27/02 Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 07/31/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 1400 1400 1400 1400 1400 1400 1400 140		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

Reviewed By: Vivi

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP66-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49720 Lab Project ID: G442-125

Matrix: Soil

%SOLIDS: 84.8

Date Collected: 7/23/02

Date Received: 7/27/02 Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 25

Date Extracted: 07/31/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 2500 2500 2500 2500 2500 2500 2500 250		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP78-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49721 Lab Project ID: G442-125

Matrix: Soil

%\$OLIDS: 83.6

Date Collected: 7/25/02

Date Received: 7/27/02 Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 20

Date Extracted: 07/31/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 2300 2300 2300 2300 2300 2300 2300 230	Limit (ug/KG)  2300  2300  2300  2300  2300  2300  2300  2300	
Surrogate Spike Recoveries TCMX	Spike Added	Spike Result NA	Percent Recovered NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP73-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49722 Lab Project ID: G442-125

Matrix: Soil

%SOLIDS: 83.4

Date Collected: 7/25/02 Date Received: 7/27/02

Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 50
Date Extracted: 07/31/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 5800 5800 5800 5800 5800 5800 5800 580	Limit (ug/KG) 5800 5800 5800 5800 5800 5800 5800 580	
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP75-003 Client Project ID: Kuhlman Electric

Lab Sample ID: 49723 Lab Project ID: G442-125

Matrix: Soil

%SOLIDS: 90.6

Date Collected: 7/25/02

Date Received: 7/27/02 Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 2

Date Extracted: 07/31/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 210 210 210 210 210 210 210 210 210	Limit (ug/KG) 210 210 210 210 210 210 210 210 210	
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	68	68

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: \underset{\lambda}\underset{\lambda}

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/31/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

53

53

Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/31/02

	Quantitation		Result		
Compound	Limit (ug/KG)		(ug/KG)		
Arocior-1016	120		BQL		
Aroclor-1221	120		BQL		
Aroclor-1232	120		BQL		
Aroclor-1242	120		BQL		
Aroclor-1248	120		BQL		
Aroclor-1254	120		BQL		
Aroclor-1260	120		BQL		
Aroclor-1262	120		BQL		
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered		

100

Comments:

DBC

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

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 8/1/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID: Lab Project ID:

S-MS.MSD-10

Dilution:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	976	98%	956	96%	2.1

Comments:

BQL = Below Quantitation Limit

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 10

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/5/02

Analyzed By: CLP

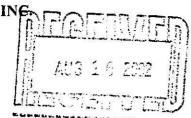
Dilution:

1.0

Compound	Spiked	Result	Limit	5
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	280	219	406

Please specify any special reporting (72 H State Certification Requested SEE REVERSE FOR 4441 CAME requirements SAME Comments: Other. G443-125 4165 4157 R63 4173 Page-4(38 4129 410 #**303**  $S_{2}$ Invoice To: Report To: 42-48" ,,9-01 10-6" 1,9-9 ,90 N N Chain-of Custody Record & Analytical Request Temperature Date: 253col 6:30 Analyses Time Contact: Lobel ( MARIN Turnaround: P.O. Number: Job Number: 12763 Date Project ID: KUHCIAH 配配可 PCB2 人 Received By Preservatives ARADIGM ANTICAL LABORATORIES, INC. 627 Northchase Parkway SE, Wilmington, NC 28405 Phone: Fax: 委 义  $\prec$ Time 140 hone: (910)-350-1903 FAX: (910)-350-1557 Time Matrix V) S n Date ddress. BCACK HOUNTAIN N.S. 6305 639 **2**定 125/ 22 8238 なに lient: HARINGSCACCE 35, 3,02 37 Date 470 20 25 20 25 చన్మ Relinquished By UP-6P3-001 100-19d5-dr -HP-GP73-201 UP-6P75-803 5-102005-003 JP-G778-001 INP-67-10-001 Sample ID JANA) ddress: note #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557



August 12, 2002

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

Report Number: G442-126

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4122 Client Project ID: Kuhlman Electric

Lab Sample ID: 49725 Lab Project ID: G442-126

Matrix: Soil

%SOLIDS: 88.9

Date Collected: 7/23/02

Date Received: 7/27/02 Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/31/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	100		BQL
Aroclor-1221	100		BQL
Aroclor-1232	100	·	BQL
Aroclor-1242	100		BQL
Aroclor-1248	100		BQL
Aroclor-1254	100		BQL ,
Aroclor-1260	100		BQL
Aroclor-1262	100		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	79	79

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4169

Client Project ID: Kuhlman Electric

Lab Sample ID: 49726 Lab Project ID: G442-126

Matrix: Soil

%SOLIDS: 85.0

Date Collected: 7/25/02

Date Received: 7/27/02

Date Analyzed: 8/5/02 Analyzed By: CLP

Dilution: 50

Date Extracted: 07/31/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 5700 5700 5700 5700 5700 5700 5700 570		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-R64A Client Project ID: Kuhlman Electric

Lab Sample ID: 49727 Lab Project ID: G442-126

Matrix: Soil

%SOLIDS: 78.6

Date Collected: 7/24/02

Date Received: 7/27/02 Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 10
Date Extracted: 07/31/02

Compound Arocior-1016 Arocior-1221 Arocior-1232 Arocior-1242 Arocior-1248 Arocior-1254 Arocior-1260 Arocior-1262	Quantitation Limit (ug/KG) 1200 1200 1200 1200 1200 1200 1200 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 7/31/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 07/31/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120	Limit (ug/KG) 120 120 120 120 120 120 120 120	
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
DBC	100	53	53

Comments:

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

#### MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 8/1/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID:

Dilution: S-MS.MSD-10

1.0

Lab Project ID: Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	976	98%	956	96%	2.1

Comments:

BQL = Below Quantitation Limit

Results reported are on-column arrounts in 184481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Date Analyzed: 8/5/02

Lab Sample ID:

Analyzed By:

CLP 1.0

Lab Project ID:

Matrix:

Soil

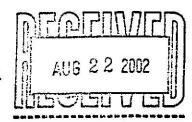
SLCS 10 Dilution:

Compound	Spiked	Result	Limits	S
2. 0. 2.	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	280	219	406

	COC#	Report To:	Invoice To: SA-018	Comments: Please specify any special reporting requirements	208CA4		4169	R64A 05	G442-126 3	412	Q7	भे	29	g H	State Certification Requested	NCSCOther	SEE REVERSE FOR TERMS AND CONDITIONS
15 16	Chain-of Custody Record & Analytical Request	257602													Temperature	73,6%	
	scord & An		er:	Analyses											Time	10:30	
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	ARADIGM AMAZYTICAL LABORATORIES, INC. 627 Northchase Parkway SE, Wilmington, NC 28405 hone: (910)-350-1903 FAX: (910)-350-1557	lient: HAR7U	ddress: BCACK		Sample ID	, PUCATE	JOPHORT P.	UPLICATE.				0.00			Relinquished By	Clock, Au	

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

August 21, 2002



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

Report Number: G442-128

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP81-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49967
 Lab Project ID: G442-128

Matrix: Soil

%SOLIDS: 79.5

Date Collected: 7/26/02 Date Received: 8/1/02 Date Analyzed: 8/12/02

Analyzed By: CLP

Dilution: 100

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 12000 12000 12000 12000 12000 12000 12000		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP86-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 49968 Lab Project ID: G442-128

Matrix: Soil

%SOLIDS: 92.0

Date Collected: 7/26/02 Date Received: 8/1/02 Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  110  110  110  110  110  110  110  1		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	67	67

Comments:

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

Reviewed By: نير

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP88-001 Client Project ID: Kuhiman Electric

Lab Sample ID: 49969 Lab Project ID: G442-128

Matrix: Soil

%SOLIDS: 58.2

Date Collected: 7/27/02

Date Received: 8/1/02 Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  160  160  160  160  160  160  160  16		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	70	70

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP88-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 49970 Lab Project ID: G442-128

Matrix: Soil

%SOLIDS: 72.7

Date Collected: 7/27/02

Date Received: 8/1/02 Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130 130 130		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	57	57

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP92-003 Client Project ID: Kuhlman Electric

Lab Sample ID: 49971 Lab Project ID: G442-128

Matrix: Soil

%SOLIDS: 77.0

Date Collected: 7/29/02

Date Received: 8/1/02 Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Aroclor-1262	120		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	61	61

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP95-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49972 Lab Project ID: G442-128

Matrix: Soil

%SOLIDS: 58.9

Date Collected: 7/30/02

Date Received: 8/1/02 Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 160 160 160 160 160 160		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	40	40

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP96-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 49973 Lab Project ID: G442-128

Matrix: Soil

\_

%SOLIDS: 75.2

Date Collected: 7/30/02

Date Received: 8/1/02 Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		BQL
Aroclor-1262	120		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
тсмх	100	69	69

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/6/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/8/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 42 42 42 42 42 42 42 42 42 42		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	77	77

Comments:

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

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID: Client Project ID:

Batch QC

S-MS.MSD-11

Date Analyzed: 8/12/02

Analyzed By: CLP

Lab Sample ID:

Lab Project ID:

Dilution:

100.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	889	N/A	N/A	N/A	N/A	N/A

Note:

Matrix spike diluted out of range.

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 11

Lab Project ID:

Matrix:

Soil

Date Analyzed: 6/14/02

Analyzed By:

CLP

Dilution:

1.0

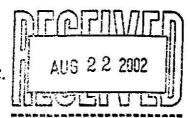
Compound	Spiked	Result	Limits	5
• 83	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	295	219	406

Please specify any special reporting State Certification Requested 1000 ---- 28065 TERMS AND CONDITIONS 20 5,15 A requirements !! SEE REVERSE FOR with bound \_ Other \_ Comments: Page \_\_\_ CARE いまら \_ SC\_ Invoice To: Report To: 722 h 4195 YZIF 2014 MOBIL 1614 4260 1617 SCI Chain-of Custody Record & Analytical Request **Temperature** SES Analyses 10.30 Time Date: Turnaround: Job Number: P.O. Number: 11102 Date Project ID: Kuttenthy & LE CIRIC MARCT IN 64, St. X X × Received By Preservatives ? Contact: [UN EPT 2627 Northchase Parkway SE, Wilmington, NC 28405 Phone: \_ Fax:  $\times$ X × × Time Thone: (910)-350-1903 FAX: (910)-350-1557 1/31/12 1/165 Matrix S S 5 5 5 S ア Date N-CPB-001 (3/23/02) OF52 NP-CP8F-002-10462 0900 07/29/62 0940 1280 20/21/to Eist rotates 07/20/12 10YF 00 01 /20/02/20 Tient: MARTIN + SUACLE iddress: BLACK MOKNITAIN Relinquished By NO-6496-002 UP-CP 95-001 NP-6192-003 100-1845-001 210-1842-ME ddress: )uote #:

PARADIGM AND LYTICAL LABORATORIES, INC.

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

August 21, 2002



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

Report Number: G442-129

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate 4187 Client Project ID: Kuhiman Electric

Lab Sample ID: 49974 Lab Project ID: G442-129

Matrix: Soil

%SOLIDS: 79.9

Date Collected: 7/26/02 Date Received: 8/1/02

Date Analyzed: 8/12/02 Analyzed By: CLP

Dilution: 50

Date Extracted: 08/06/02

Compaund	Quantitation Limit (ug/KG)		Result (ug/KG)
Compound	· · · · · · · · · · · · · · · · · · ·		BQL
Aroclor-1016	5700		
Aroclor-1221	5700		BQL
Aroclor-1232	5700		BQL
Aroclor-1242	5700		BQL
Aroclor-1248	5700		BQL
Aroclor-1254	5700		BQL
Aroclor-1260	5700		130000
Aroclor-1262	5700		BQL
,	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	NA	NA

Comments:

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

Reviewed By: \( \frac{1}{\lambda \lambda} \)

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate 4204 Client Project ID: Kuhlman Electric Lab Sample ID: 49975

Lab Project ID: G442-129

Matrix: Soil

%SOLIDS: 73.5

Date Collected: 7/27/02

Date Received: 8/1/02 Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	64	64

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate 4214 Client Project ID: Kuhlman Electric

Lab Sample ID: 49976 Lab Project ID: G442-129

Matrix: Soil

%SOLIDS: 75.2

Date Collected: 7/29/02 Date Received: 8/1/02

Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130 130		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	62	62

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate 4224 Client Project ID: Kuhlman Electric

Lab Sample ID: 49977 Lab Project ID: G442-129

Matrix: Soil

%SOLIDS: 74.4

Date Collected: 7/30/02

Date Received: 8/1/02 Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	60	60

#### Comments:

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

Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/6/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/8/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  42  42  42  42  42  42  42  42  42  4		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	77	77

Comments:

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

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 8/12/02

Client Project ID:

Lab Sample ID:

Analyzed By: CLP

S-MS.MSD-11

Dilution:

100.0

Lab Project ID:

Matrix:

Soil

Compound Sample MS %Rec MSD %Rec RPD

Aroclor-1260 889 N/A N/A N/A N/A N/A

Note:

Matrix spike diluted out of range.

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/l#481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 11

Lab Project ID:

Matrix:

Soil

Date Analyzed: 6/14/02

Analyzed By: CLP

Dilution:

1.0

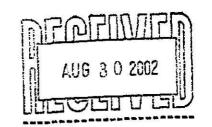
Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Arocior 1260	313	295	219	406

#303 Chain-of Custody Record & Analytical Request PARADIGM AMELYTICAL LABORATORIES, INC. 3627 Northchase Parkway SE, Wilmington, NC 28405 hone: (910)-350-1903 FAX: (910)-350-1557

Report To: Shale		7.470	Invoice To:	Comments:	Please specify any special reporting requirements	71 yo W		4187 to 24	your you	प्राप ने के	以 b b b 72h	- 5	en (	L 29.	أدر	r	N	State Certification Requested	NCSCOther	SEE REVERSE FOR	TERMS AND CONDITIONS
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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

August 29, 2002



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

Report Number: G442-131

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

# Results for PCBs

by EPA 8082

Client Sample ID: Duplicate-4248
Client Project ID: Kuhlman Electric

Lab Sample ID: 50617 Lab Project ID: G442-131

Matrix: Soil

%SOLIDS: 84.6

Date Collected: 7/31/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	61	61

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4258 Client Project ID: Kuhlman Electric

Lab Sample ID: 50618 Lab Project ID: G442-131

Matrix: Soil

%SOLIDS: 85.8

Date Collected: 8/1/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	65	65

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4267

Client Project ID: Kuhlman Electric

Lab Sample ID: 50619 Lab Project ID: G442-131

**Surrogate Spike Recoveries** 

**TCMX** 

Matrix: Soil

%SOLIDS: 81.3

Date Collected: 8/2/02

Date Received: 8/9/02

Date Analyzed: 8/16/02 Analyzed By: CLP

Dilution: 1

Result

54

Recovered

54

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	Quantitation Limit (ug/KG) 110 110 110 110 110 110	Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL
Aroclor-1260 Aroclor-1262	110 110	BQL BQL
	Spike Sp	ike Percent

Added

100

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4284 Client Project ID: Kuhlman Electric

Lab Sample ID: 50620 Lab Project ID: G442-131

Matrix: Soil

%SOLIDS: 60.2

Date Collected: 8/6/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

160 160 160 160 160 160	•	BQL BQL BQL BQL BQL BQL 870
Spike Added	Spike Result	Percent Recovered
	160 160 160 160 160 160 160	160 160 160 160 160 160 Spike Spike Added Result

Comments:

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

Reviewed By: \\\

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4307 Client Project ID: Kuhlman Electric

Lab Sample ID: 50621 Lab Project ID: G442-131

Matrix: Soil

%SOLIDS: 80.2

Date Collected: 8/7/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	68	68

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/13/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	39		BQL
Aroclor-1221	39		BQL
Aroclor-1232	39		BQL
Aroclor-1242	39		BQL
Aroclor-1248	39		BQL
Aroclor-1254	39		BQL
Aroclor-1260	39		BQL
Aroclor-1262	39		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	70	70

Comments:

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

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID: Client Project ID:

Batch QC

Date Analyzed: 8/23/02

Analyzed By:

CLP

Lab Sample ID:

S-MS.MSD-13

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	137	1411	127%	1432	130%	1.6

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/l #481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 12

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/23/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	<u></u>
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	296	219	406

ARADIGM A. T.TICAL LABORATORIES, INC.

627 Northchase Parkway SE, Wilmington, NC 28405

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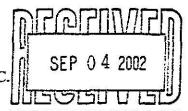
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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

August 28, 2002



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

Report Number: G442-130

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP98-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 50608 Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 83.8

Date Collected: 7/31/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	64	64

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP103-001 Client Project ID: Kuhlman Electric Lab Sample ID: 50609

Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 84.4

Date Collected: 7/31/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	57	57

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP105-002
Client Project ID: Kuhlman Electric

Lab Sample ID: 50610 Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 85.9

Date Collected: 8/1/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added 100	Spike Result	Percent Recovered

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP108-003

Client Project ID: Kuhlman Electric

Lab Sample ID: 50611 Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 80.3

Date Collected: 8/2/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries TCMX	Spike Added 100	Spike Result 48	Percent Recovered

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP114-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 50612 Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 56.1

Date Collected: 8/2/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	160		BQL
Aroclor-1221	160		BQL
Aroclor-1232	160		BQL
Aroclor-1242	160		BQL
Aroclor-1248	160		BQL
Aroclor-1254	160		BQL
Aroclor-1260	160		300
Aroclor-1262	160		BQL
1	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	67	67

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP115-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 50613 Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 58.4

Date Collected: 8/6/02 Date Received: 8/9/02

Date Analyzed: 8/16/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 170 170 170 170 170 170 170 170		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	59	59

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP119-003 Client Project ID: Kuhlman Electric

Lab Sample ID: 50614 Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 76.5

Date Collected: 8/6/02 Date Received: 8/9/02

Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130 130		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	58	58

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP122-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 50615 Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 80.1

Date Collected: 8/6/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	57	57

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP78-004 Client Project ID: Kuhlman Electric

Lab Sample ID: 50616 Lab Project ID: G442-130

Matrix: Soil

%SOLIDS: 78.7

Date Collected: 8/7/02

Date Received: 8/9/02 Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	66	66

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/13/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/16/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/13/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	39		BQL
Aroclor-1221	39		BQL
Aroclor-1232	39		BQL
Aroclor-1242	39		BQL
Aroclor-1248	39		BQL
Aroclor-1254	39		BQL
Aroclor-1260	39		BQL
Aroclor-1262	39		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	70	70

Comments:

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

## MS/MSD Results for PCBs

by GC 8082

Client Sample ID: Client Project ID:

Batch QC

Date Analyzed: 8/23/02

Analyzed By:

CLP

S-MS.MSD-13

Dilution:

1.0

Lab Sample ID: Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	137	1411	127%	1432	130%	1.6

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L. N.C. Certification #481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 12

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	\$
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	296	219	406

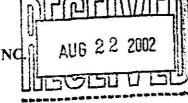
ARADIGM AICAL LABORATORIES, INC. '627 Northchase Parkway SE, Wilmington, NC 28405 hone; (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC#

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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557



August 20, 2002

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

Report Number: G442-132

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP55-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 49207 Lab Project ID: G442-123

Matrix: Soil

%SOLIDS: 83.6

Date Collected: 7/15/02

Date Received: 7/20/02 Date Analyzed: 8/9/02

Analyzed By: CLP

Dilution: 20

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 2400 2400 2400 2400 2400 2400 2400 240		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries TCMX	Spike Added	Spike Result NA	Percent Recovered NA

#### Notes:

Samples extracted out of hold.

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: DUPLICATE-3610
Client Project ID: Kuhlman Electric

Lab Sample ID: 44589 Lab Project ID: G442-84

Matrix: Soil

%SOLIDS: 86.5

Date Collected: 5/22/02 Date Received: 5/25/02

Date Analyzed: 6/6/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 06/03/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		3400
Aroclor-1262	110		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	71	71

Comments:

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

Reviewed By: المنا

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CSP-GP22-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 44593 Lab Project ID: G442-86

Matrix: Soil

%SOLIDS: 86.2

Date Collected: 5/22/02

Date Received: 5/25/02 Date Analyzed: 6/6/02

Analyzed By: CLP

Dilution: 1

36

36

Date Extracted: 05/29/02

-	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		2500
Aroclor-1262	110		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

#### Notes:

**TCMX** 

Limited sample could not confirm low surrogates.

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3687 Client Project ID: Kuhlman Electric

Lab Sample ID: 44960 Lab Project ID: G442-98

Matrix: Soil

%SOLIDS: 87.6

Date Collected: 5/29/02

Date Received: 6/1/02 Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

100

Comments:

**TCMX** 

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

Reviewed By: 110

73

73

#### Results for PCBs by EPA 8082

Client Sample ID: CSP-GP29-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 44954 Lab Project ID: G442-95

Matrix: Soil

%SOLIDS: 91.1

Date Collected: 5/29/02 Date Received: 6/1/02

Date Analyzed: 8/5/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  1000  1000  1000  1000  1000  1000  1000  1000		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Addeđ	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3886 Client Project ID: Kuhlman Electric

Lab Sample ID: 47307 Lab Project ID: G442-114

Matrix: Soil

%SOLIDS: 83.8

Date Collected: 6/22/02

Date Received: 6/28/02 Date Analyzed: 8/9/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

	Quantitation	Result
Compound	Limit (ug/KG)	(ug/KG)
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	BQL
Aroclor-1260	110	230
Aroclor-1262	110	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	68	68

#### Notes:

Samples extracted out of hold.

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: MSL-GP16-006

Client Project ID: Kuhlman Electric

Lab Sample ID: 47305 Lab Project ID: G442-113

Matrix: Soil

%SOLIDS: 83.4

Date Collected: 6/22/02

Date Received: 6/28/02

Date Analyzed: 8/9/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 08/06/02

66

66

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		240
Aroclor-1262	120		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

#### Notes:

TCMX

Samples extracted out of hold.

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: MSL-GP12-006 Client Project ID: Kuhlman Electric

Lab Sample ID: 46148 Lab Project ID: G442-106

Matrix: Soil

%SOLIDS: 89.2

Date Collected: 6/13/02 Date Received: 6/15/02

Date Received: 6/15/02 Date Analyzed: 8/9/02

Analyzed By: CLP

Dilution: 100

Date Extracted: 08/06/02

Compound Arocior-1016 Arocior-1221 Arocior-1232 Arocior-1242 Arocior-1248 Arocior-1254 Arocior-1260 Arocior-1262	Quantitation Limit (ug/KG) 9700 9700 9700 9700 9700 9700 9700		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

#### Notes:

Samples extracted out of hold.

Comments:

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

Reviewed By: <u>しい</u>

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-3868 Client Project ID: Kuhlman Electric

Lab Sample ID: 46150 Lab Project ID: G442-107

Matrix: Soil

107

%SOLIDS: 82.2

Date Collected: 6/13/02 Date Received: 6/15/02

Date Analyzed: 8/9/02

Analyzed By: CLP

Dilution: 100

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  12000 12000 12000 12000 12000 12000 12000 12000		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

#### Notes:

Samples extracted out of hold.

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: MSL-GP10-005 Client Project ID: Kuhlman Electric

Lab Sample ID: 46795 Lab Project ID: G442-108

Matrix: Soil

%SOLIDS: 85.5

Date Collected: 6/13/02

Date Received: 6/22/02 Date Analyzed: 8/9/02

Analyzed By: CLP

Dilution: 100

Date Extracted: 08/06/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	11000		BQL
Aroclor-1221	11000	(%)	BQL
Aroclor-1232	11000		BQL
Aroclor-1242	11000		BQL
Aroclor-1248	11000		BQL
Aroclor-1254	11000		BQL
Aroclor-1260	11000		190000
Aroclor-1262	11000		BQL
6			
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	NA	NA

#### Notes:

Samples extracted out of hold.

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: MSL-GP11-005

Client Project ID: Kuhlman Electric

Lab Sample ID: 46147 Lab Project ID: G442-106

Matrix: Soil

%SOLIDS: 88.2

Date Collected: 6/13/02

Date Received: 6/15/02 Date Analyzed: 8/9/02

Analyzed By: CLP

Dilution: 50

Date Extracted: 08/06/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232	Quantitation Limit (ug/KG) 5300 5300		Result (ug/KG) BQL BQL BQL
Aroclor-1242	5300		BQL
Aroclor-1248	5300		BQL
Aroclor-1254	5300		BQL
Aroclor-1260	5300		98000
Aroclor-1262	5300		BQL
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

100

#### Notes:

**TCMX** 

Samples extracted out of hold.

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

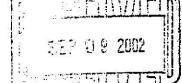
NA

NA

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Mabil \* 5608 - Mandayis ROBERT MARTIN State Certification Requested Phone; 617 - 845 - 63-77 Job Number; C42-132 2((**♠**7, #202 SEB REVERSE FOR Other \_ KIM RED " Invoice Tot 0192 " 4895 1 11 11 36.87 1 386 3 798C 11 11 8985 11 11 1111 3885 11 3886 11 11 3871 . Report To: Chain-of Custon-Record & Analytical Request. Nime | Temperature "... 'm. Mar Fax: "617 - 346"-5700 -" P.O. Number: Contact: Kim REID ... "Turnaround; Date Received By AUTOIN AITHER LACAL LABORATORIES, HIV. 09477 72.7 41843 74754 ay SE, Wilmington, NC 28405 Time 3:: (910)-350-1903 FAX: (910)-350-1557 Date MAKTIN-STAGLE ONF. OP22-003 8/2/6 1/2/10 Of the Parish Pro-Relinquished By - COL-005 3 154-690-05 MSL-6P12-000 Northchase N \$154-6Pl6-004 1.1-GP39-001 3 Inplinete 2862 Lpliate vplane": Applicate (S)(S)

IATUT Mobil # 4160 - Cranalysi Page & of & Time to Temperature See Sette Certification Requested Consect Cirl 345 255 44 July Number: KOBIERT MARTIN coc# 2( )22 6442-132 SEE REVERSE FOR Report To: Kim REIO \_ SC\_\_\_ Other\_ N N Chain-of Custody Record & Analytical Request. "... 'm the Faxt' 6 74 363 500 " ... RO, Number: Date: . : Turnaround: Date Project ID: Kirkingal E-EReic Received By ¥ . ,l, Contact: MM KS10 12 h TICAL LABORATORIES, INC. Northchase Parthay SB, Wilmington, NC 28405 4 Time e: (910)-350-1903 PAX: (910)-350-1557 Date " MARTN-Shale "INP-6005 W 8/2/101 O B # Strong In. was . . . . Rellnquished By **ADICM AN** 74:47



2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

September 6, 2002

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

Report Number: G442-133

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP19-004 Client Project ID: Kuhlman Electric

Lab Sample ID: 50865

Lab Project ID: G442-133

Matrix: Soil

%SOLIDS: 83.0

Date Collected: 8/8/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		BQL
Aroclor-1262	120		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

113

113

Comments:

**TCMX** 

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

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP124-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 50866 Lab Project ID: G442-133

Matrix: Soil

%SOLIDS: 75.5

Date Collected: 8/9/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	130		BQL
Aroclor-1221	130		BQL
Aroclor-1232	130		BQL
Aroclor-1242	130		BQL
Arocior-1248	130		BQL
Aroclor-1254	130		BQL
Aroclor-1260	130		3500
Aroclor-1262	130		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	121	121

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP125-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 50867 Lab Project ID: G442-133

Matrix: Soil

%SOLIDS: 72.0

Date Collected: 8/9/02

Date Received: 8/14/02 Date Analyzed: 8/27/02

Analyzed By: CLP

Dilution: 25

Date Extracted: 08/19/02

NA

NA

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	3400		BQL
Aroclor-1221	3400		BQL
Aroclor-1232	3400		BQL
Aroclor-1242	3400		BQL
Aroclor-1248	3400		BQL
Aroclor-1254	3400		BQL
Aroclor-1260	3400		31000
Aroclor-1262	3400		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered

100

Comments:

**TCMX** 

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

Reviewed By: \(\frac{1}{\sqrt{N}}\)

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP129-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 50868 Lab Project ID: G442-133

Matrix: Soil

%SOLIDS: 66.3

Date Collected: 8/10/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 150 150 150 150 150 150 150 150		Result (ug/KG) BQL
Surrogate Spike Recoveries TCMX	Spike	Spike	Percent
	Added	Result	Recovered
	100	100	100

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP130-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 50869 Lab Project ID: G442-133

Matrix: Soil

%SOLIDS: 77.1

Date Collected: 8/10/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		3600
Aroclor-1262	120		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	129	129

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP135-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 50870 Lab Project ID: G442-133

Matrix: Soil

%SOLIDS: 86.9

Date Collected: 8/12/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Aroclor-1262	110		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
тсмх	100	102	102

Comments:

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP135-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 50871 Lab Project ID: G442-133

Matrix: Soil

%SOLIDS: 74.9

Date Collected: 8/13/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130 130 130		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	98	98

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID: Client Project ID:

Batch QC

Date Analyzed: 8/27/02

Analyzed By:

Lab Sample ID:

S-MS.MSD-13

Dilution:

CLP 1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	2016	3261	125%	3003	99%	23.1

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 13

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/27/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	260	219	406

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/19/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

127

Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 31 31 31 31 31 31 31 31		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

100

Comments:

**TCMX** 

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

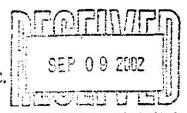
Reviewed By: الما

127

Please specify any special reporting State Certification Requested T SEE REVERSE FOR ス <u>| 三</u>]で requirements 1 19-0 Comments: Other SAME 1,9-0 x 7% SHUE DEP7H 1,9-0 24-30" #**303** Report To: \_ SC Invoice To: 4345 7.88.L LA3 4312 4330 4326 €38 436 S Chain-of Custody Record & Analytical Request **Temperature** 34W07 Analyses Time 11:10 Date: Turnaround: \_ Job Number: P.O. Number: 8/11/102 Date Project ID: Ku HLMAN ELE OMIC CHANCEID RE メ × Received By Contact: Los VAT Preservatives PARADIGM ANTLYTICAL LABORATORIES, INC. 2627 Northchase Parkway SE, Wilmington, NC 28405 Phone: Fax: AZ メ × × Time Phone: (910)-350-1903 FAX: (910)-350-1557 140 是人 特工 行 Matrix S Date 4880 Time K <u>8</u> 7060 700Val 9 10/80/ TON/01 6903 9/w/2 | 1355 かんていり ナシレイヤ しの 9/102 Date 一一一一一一 しつのして CHP-9735 -007 13402 Address: Butch munthed Relinquished By CM-67130-002 Sample ID CHP-GP(15-00) CHP-GPIN-001 CAP-GR135-601 CNP-6P119-001 CNP-6P19-004 "人人工" Address: Quote #: Client:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

September 6, 2002



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

Report Number: G442-134

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

#### **Results for PCBs** by EPA 8082

Client Sample ID: Duplicate-4314

Client Project ID: Kuhlman Electric

Lab Sample ID: 50872 Lab Project ID: G442-134

Matrix: Soil

%SOLIDS: 81.4

Date Collected: 8/8/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	124	124

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4329

Client Project ID: Kuhlman Electric

Lab Sample ID: 50873 Lab Project ID: G442-134

Matrix: Soil

%SOLIDS: 74.8

Date Collected: 8/9/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130 130 130		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries		Spike Result	Percent Recovered

100

118

118

Comments:

**TCMX** 

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

Reviewed By:

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4353 Client Project ID: Kuhlman Electric

Lab Sample ID: 50874 Lab Project ID: G442-134

Matrix: Soil

%SOLIDS: 70.0

Date Collected: 8/10/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Arocior-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  140  140  140  140  140  140  140  14		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries TCMX	Spike Added 100	Spike Result	Percent Recovered

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4368 Client Project ID: Kuhlman Electric

Lab Sample ID: 50875 Lab Project ID: G442-134

Matrix: Soil

%SOLIDS: 85.6

Date Collected: 8/12/02

Date Received: 8/14/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	106	106

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

S-MS.MSD-13

Date Analyzed: 8/27/02

Client Project ID:

Analyzed By: CLP

Lab Sample ID:

Lab Project ID:

Dilution:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	2016	3261	125%	3003	99%	23.1

Comments:

BQL = Below Quantitation Limit

Results reported are on-column arounts in the #481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

SLCS 13

Lab Sample ID: Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/27/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	U 00 000000
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	260	219	406

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/19/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	Quantitation Limit (ug/KG) 31 31 31 31 31		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL
Aroclor-1260 Aroclor-1262	31 31		BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	127	127

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903

Fax (910) 350-1557

September 6, 2002

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

Report Number: G442-135

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradiam Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP139-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51204 Lab Project ID: G442-135

Matrix: Soil

%SOLIDS: 88.2

Date Collected: 8/13/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		2100
Aroclor-1262	110		BQL
	0.01		
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	122	122

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP141-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51205 Lab Project ID: G442-135

Matrix: Soil

%SOLIDS: 67.4

Date Collected: 8/13/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	Quantitation Limit (ug/KG) 150 150 150 150 150 150		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL
Aroclor-1260 Aroclor-1262 Surrogate Spike Recoveries	150 150 150 Spike Added	Spike Result	2900 BQL Percent Recovered
TCMX	100	131	131

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP143-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51206 Lab Project ID: G442-135

Matrix: Soil

%SOLIDS: 52.2

Date Collected: 8/14/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 190 190 190 190 190 190 190 190		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	117	117

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP145-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51207 Lab Project ID: G442-135

Matrix: Soil

%SOLIDS: 72.0

Date Collected: 8/14/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 140 140 140 140 140 140 140 140		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	117	117

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP149-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51208 Lab Project ID: G442-135

oject ID: G442-13

Matrix: Soil

%SOLIDS: 74.7

Date Collected: 8/14/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  130  130  130  130  130  130  130  13		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	99	99

Comments:

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

Reviewed By: 🄱

N.C. Certification #481 S.C. Certification #99029

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP151-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51209 Lab Project ID: G442-135

Matrix: Soil

%SOLIDS: 79.1

Date Collected: 8/15/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		2900
Aroclor-1262	120		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	105	105

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP154-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51210 Lab Project ID: G442-135

Matrix: Soil

%SOLIDS: 79.9

Date Collected: 8/15/02 Date Received: 8/17/02

Date Analyzed: 8/27/02 Analyzed By: CLP

Dilution: 50

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 6200 6200 6200 6200 6200 6200 6200 620		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
тсмх	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP156-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51211 Lab Project ID: G442-135

Matrix: Soil

%SOLIDS: 73.3

Date Collected: 8/16/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  130  130  130  130  130  130  130  13		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

100

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

**TCMX** 

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

128

128

### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

S-MS.MSD-13

Date Analyzed: 8/27/02

Client Project ID:

Analyzed By:

Lab Sample ID:

Dilution:

CLP 1.0

Lab Project ID: Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	2016	3261	125%	3003	99%	23.1

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L N.C. Certification #481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Date Analyzed: 8/27/02

Analyzed By:

Dilution:

CLP 1.0

Lab Sample ID: SLCS 13 Lab Project ID:

Matrix

X:	2011

Compound	Spiked	Result	Limits	
M.	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	260	219	406

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/19/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	31		BQL
Aroclor-1221	31		BQL
Aroclor-1232	31		BQL
Aroclor-1242	31		BQL
Aroclor-1248	31		BQL
Aroclor-1254	31		BQL
Aroclor-1260	31		BQL
Aroclor-1262	31		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	127	127

Comments:

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

244604 Please specify any special reporting 515274 中洲 (534) State Certification Requested 06)27477-43 4-1/1 7 SEE REVERSE FOR same requirements Comments: Other\_ SFEE :=; :=; Page \_ 4426 6442-135 4464 4385 4410 4420 インにケ 4379 ## F 439 #**303** SC Report To: . Invoice To: ,,9-0 19-0 ,,9-0 , 9-0 1,9-0 ,9-0 79-0 ;,9-a NC Chain-of Custody Record & Analytical Request **Temperature** 16 AU02 83 Analyses 1:0 Time Date: \_\_ Contact: Pobla 1714-71W Turnaround: Job Number: P.O. Number: Date Project ID: KUHCHAM PLECIRK X Received By Preservatives PARADIGM ANALYTICAL LABORATORIES, INC. 2627 Northchase Parkway SE, Wilmington, NC 28405 Phone: Fax: 去 ×  $\prec$ Time B Phone: (910)-350-1903 FAX: (910)-350-1557 Time Matrix C) 120 conts Date "ddress: But of Houndled, N.C. 1410 0245 5/0/ 0905 5355 843 Tient: HM-7/104-5CB6CP 1302 1702 15/ MAN 1 200 1402, E TO Date <u>ज</u>्द Relinquished By 12P-GP143-001 CIP-GPIST +001 J.W-67145 -201 100-P119-91 JUP-GP151-00 -NP-6P139-001 14P-6P156-001 NP-6P141-001 Sample ID Address: \u00e40 | \u00e4

SEP 0.9 2002

# PARADIGM ANALYTICAL LABORATORIES, INC.

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

September 6, 2002

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

Report Number: G442-136

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4378

Client Project ID: Kuhlman Electric

Lab Sample ID: 51212 Lab Project ID: G442-136

Matrix: Soil

%SOLIDS: 87.9

Date Collected: 8/13/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

113

113

Date Extracted: 08/19/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  110  110  110  110  110  110  110  1		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

100

Comments:

**TCMX** 

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4394

Client Project ID: Kuhlman Electric

Lab Sample ID: 51213 Lab Project ID: G442-136

Matrix: Soil

%SOLIDS: 58.9

Date Collected: 8/14/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	160		BQL
Aroclor-1221	160		BQL
Arocior-1232	160		BQL
Arocior-1242	160		BQL
Aroclor-1248	160		BQL
Aroclor-1254	160		BQL
Aroclor-1260	160		3300
Aroclor-1262	160		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

**TCMX** 

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

Reviewed By:

120

120

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4416 Client Project ID: Kuhlman Electric

Lab Sample ID: 51214 Lab Project ID: G442-136

Matrix: Soil

Kuhlman Electric

%SOLIDS: 78.2

Date Collected: 8/15/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound	Quantitation Limit (ug/KG)		Resuit (ug/KG)
Aroclor-1016	130		BQL
Aroclor-1221	130		BQL
Aroclor-1232	130		BQL
Aroclor-1242	130		BQL
Aroclor-1248	130		BQL
Aroclor-1254	130		BQL
Aroclor-1260	130		2900
Aroclor-1262	130		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	110	110

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4429 Client Project ID: Kuhlman Electric

Lab Sample ID: 51215

Lab Project ID: G442-136

Matrix: Soil

%SOLIDS: 72.8

Date Collected: 8/16/02

Date Received: 8/17/02 Date Analyzed: 8/23/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	140		BQL
Aroclor-1221	140		BQL
Aroclor-1232	140		BQL
Aroclor-1242	140		BQL
Aroclor-1248	140		BQL
Aroclor-1254	140		BQL
Aroclor-1260	140		1300
Aroclor-1262	140		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
тсмх	100	115	115

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 8/27/02

Client Project ID:

S-MS.MSD-13

Analyzed By: CLP

Lab Sample ID: Lab Project ID:

Dilution:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	2016	3261	125%	3003	99%	23.1

Comments:

BQL = Below Quantitation Limit

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 13 Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/27/02

Analyzed By: CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	260	219	406

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/19/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/23/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 08/19/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	31		BQL
Aroclor-1221	31		BQL
Aroclor-1232	31		BQL
Aroclor-1242	31		BQL
Aroclor-1248	31		BQL
Aroclor-1254	31		BQL
Aroclor-1260	31		BQL
Aroclor-1262	31		BQL
Overs made On the December	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	127	127

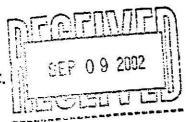
Comments:

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

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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

September 6, 2002



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

Report Number: G442-137

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laberatory Director
J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: KEP-PEX-053 Client Project ID: Kuhlman Electric

Lab Sample ID: 51536 Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 83.4

Date Collected: 8/19/02

Date Received: 8/24/02 Date Analyzed: 9/4/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 08/28/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 580 580 580 580 580 580 580 580		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	70	70

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-E94 Client Project ID: Kuhlman Electric

Lab Sample ID: 51537 Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 82.9

Date Collected: 8/19/02

Date Received: 8/24/02 Date Analyzed: 8/29/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/28/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		4400
Aroclor-1262	120	ij	BQL
	Spike	Spike	Percent

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
ТСМХ	100	102	102

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: KEP-PEX-059 Client Project ID: Kuhlman Electric

Lab Sample ID: 51538 Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 83.1

Date Collected: 8/19/02

Date Received: 8/24/02 Date Analyzed: 8/29/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/28/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries TCMX	Spike	Spike	Percent
	Added	Result	Recovered
	100	98	98

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP157-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51539 Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 85.4

Date Collected: 8/22/02

Date Received: 8/24/02 Date Analyzed: 9/4/02

Analyzed By: CLP

Dilution: 1
Date Extracted: 08/28/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
The second secon		8 25
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	BQL
Aroclor-1260	110	1300
Aroclor-1262	110	BQL

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	126	126

Comments:

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

Reviewed By: 山い

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4434 Client Project ID: Kuhlman Electric

Lab Sample ID: 51540 Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 86.3

Date Collected: 8/22/02

Date Received: 8/24/02 Date Analyzed: 8/29/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/28/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	105	105

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP161-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 51541 Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 80.7

Date Collected: 8/22/02

Date Received: 8/24/02 Date Analyzed: 8/29/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/28/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	110		BQL
Arocior-1221	110		BQL
Arocior-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		700
Aroclor-1262	110		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered

100

Comments:

TCMX

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

Reviewed By:

91

91

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP163-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 51542 Lab Project ID: G442-137

Surrogate Spike Recoveries

**TCMX** 

Matrix: Soil

%SOLIDS: 80.8

Date Collected: 8/23/02

Date Received: 8/24/02 Date Analyzed: 8/29/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/28/02

Result

107

Recovered

107

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	BQL
Aroclor-1260	110	1100
Aroclor-1262	110	BQL
	Spike S	Spike Percent

Added

100

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4457

Client Project ID: Kuhlman Electric

Lab Sample ID: 51543 Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 80.0

Date Collected: 8/23/02

Date Received: 8/24/02 Date Analyzed: 8/29/02

Analyzed By: CLP

Dilution: 1

102

102

Date Extracted: 08/28/02

Commont	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		870
Aroclor-1262	110		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

Comments:

**TCMX** 

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP161-004 Client Project ID: Kuhlman Electric

Lab Sample ID: 51544 Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 86.0

Date Collected: 8/23/02

Date Received: 8/24/02 Date Analyzed: 8/29/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/28/02

Compound	Quantitation Limit (ug/KG)	Result (ug/KG)
Aroclor-1016	120	BQL
Aroclor-1221	120	BQL
Aroclor-1232	120	BQL
Aroclor-1242	120	BQL
Aroclor-1248	120	BQL
Aroclor-1254	120	BQL
Aroclor-1260	120	BQL
Aroclor-1262	120	BQL
	Calles Call	ka Davaant

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	104	104

Comments:

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

Reviewed By: 1

#### **Results for PCBs** by EPA 8082

Client Sample ID: RFP-GP38-001

Client Project ID: Kuhlman Electric

Lab Sample ID: 51545

Lab Project ID: G442-137

Matrix: Soil

%SOLIDS: 93.0

Date Collected: 8/23/02

Date Received: 8/24/02

Date Analyzed: 8/29/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 08/28/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	100		BQL
Aroclor-1221	100		BQL
Aroclor-1232	100		BQL
Aroclor-1242	100		BQL
Aroclor-1248	100		BQL
Aroclor-1254	100		BQL
Aroclor-1260	100		BQL
Aroclor-1262	100		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	101	101

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 8/28/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 8/29/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 08/28/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  100  100  100  100  100  100  100  1		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	99	99

Comments:

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

#### MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 8/27/02

Client Project ID:

Lab Sample ID:

Analyzed By: CLP

S-MS.MSD-13

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	2016	3261	125%	3003	99%	23.1

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L S.C. Certification #99029

## PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 13

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/27/02

Analyzed By: 0

CLP

Dilution:

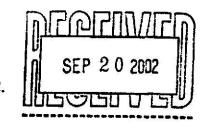
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Compound	Spiked	Result	Limits	3
s ar as •1	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	260	219	406

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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

September 18, 2002



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

Report Number: G442-138

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laberatory Director

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP167-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 52293 Lab Project ID: G442-138

Matrix: Soil

%SOLIDS: 73.5

Date Collected: 9/4/02

Date Received: 9/10/02 Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  130  130  130  130  130  130  130  13		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	71	71

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP168-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 52294 Lab Project ID: G442-138

Matrix: Soil

%SOLIDS: 85.0

Date Collected: 9/4/02 Date Received: 9/10/02

Date Analyzed: 9/13/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	73	73

Comments:

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

Reviewed By: VV

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP171-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52295 Lab Project ID: G442-138

Matrix: Soil

%SOLIDS: 73.6

Date Collected: 9/5/02

Date Received: 9/10/02 Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation LimIt (ug/KG) 140 140 140 140 140 140 140 140		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	75	75

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP176-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52296 Lab Project ID: G442-138

Matrix: Soil

%SOLIDS: 79.9

Date Collected: 9/5/02 Date Received: 9/10/02

Date Analyzed: 9/16/02 Analyzed By: CLP

Dilution: 10

Date Extracted: 09/11/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	1300		BQL
Aroclor-1221	1300		BQL
Aroclor-1232	1300		BQL
Aroclor-1242	1300		BQL
Aroclor-1248	1300		BQL
Aroclor-1254	1300		BQL
Aroclor-1260	1300		11000
Aroclor-1262	1300		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	NA	NA

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP177-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52297 Lab Project ID: G442-138

Matrix: Soil

%SOLIDS: 79.2

Date Collected: 9/6/02

Date Received: 9/10/02 Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
	100	85	85

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP179-001 Client Project ID: Kuhlman Electric Lab Sample ID: 52298

Lab Project ID: G442-138

Matrix: Soil

%SOLIDS: 85.2

Date Collected: 9/6/02

Date Received: 9/10/02 Date Analyzed: 9/16/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 09/11/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	1100		BQL
Aroclor-1221	1100		BQL
Arocior-1232	1100		BQL
Aroclor-1242	1100		BQL
Aroclor-1248	1100		BQL
Aroclor-1254	1100		BQL
Aroclor-1260	1100		5300
Aroclor-1262	1100		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	NA	NA

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP183-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52299 Lab Project ID: G442-138

Matrix: Soil

%SOLIDS: 79.6

Date Collected: 9/9/02

Date Received: 9/10/02 Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries TCMX	Spike Added 100	Spike Result 79	Percent Recovered 79

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP185-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52304 Lab Project ID: G442-138

Matrix: Soil

%SOLIDS: 95.8

Date Collected: 9/9/02 Date Received: 9/10/02

Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  100  100  100  100  100  100  100  1		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	86	86

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 9/11/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 9/13/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  100  100  100  100  100  100  100  1		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	104	104

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 8/29/02

Analyzed By:

CLP

Client Project ID: Lab Sample ID:

S-MS.MSD-14

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	974	97%	986	99%	1.2

#### PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 14

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/29/020

Analyzed By:

CLP

Dilution:

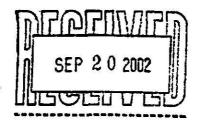
1.0

Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	308	219	406

Please specify any special reporting 641778 BYTHRESION AWALYSIS OD HVQ 35241)] 1794 ) BBW State Certification Requested SEE REVERSE FOR TEPMS AND CONDITIONS 되 5 requirements Comments Other\_ くんれた SAMR yszs/ 4482 4497 4500 4504 451P Page. 4474 大なさ 4770 #**303** # Report To: \_ SC 78-70 Invoice To: 119-0 ,, 9-0 ,9-0 ニターナ ;, 9-0 .. 7-0 = S N Chain-of Custody Record & Analytical Request **Temperature** 05:21 20/01 Analyses Time Date: Contact: ROBELT HARDIN Turnaround: Job Number: P.O. Number: Date Project ID: KUHLITAN BLECTAC X Received By Preservatives LYTICAL LABORATORIES, INC. Phone: 627 Northchase Parkway SE, Wilmington, NC 28405 Fax: X X 1/20 Time Thorne: (910)-350-1903 FAX: (910)-350-1557 2/6/4 Date ddress: 15 Chack Hoon and , NG 1450 0815 <u>අ</u> Tient: HARTING SCINGUE 1305 1280 32 包川 <u>ラ</u> 14802 3en \$\$. 65g 25. 25. 29. んりょう NP-CP183 00 1 SEB2 Relinquished By CNP-CP185-001 NP-67126-001 NP-9168-002 JP-67177-001 NP-GP179-001 NP-GP171-001 NP-GP167-002 'ARADIGM A ddress: uote #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

September 18, 2002



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

Report Number: G442-139

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4472 Client Project ID: Kuhlman Electric

Lab Sample ID: 52300 Lab Project ID: G442-139

Matrix: Soil

%SOLIDS: 72.7

Date Collected: 9/4/02

Date Received: 9/10/02 Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 140 140 140 140 140 140 140 140		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	56	56

Comments:

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

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4489 Client Project ID: Kuhlman Electric

Lab Sample ID: 52301 Lab Project ID: G442-139

Matrix: Soil

%SOLIDS: 77.3

Date Collected: 9/5/02 Date Received: 9/10/02

Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	67	67

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4503 Client Project ID: Kuhlman Electric

Lab Sample ID: 52302 Lab Project ID: G442-139

Matrix: Soil

%SOLIDS: 78.8

Date Collected: 9/6/02

Date Received: 9/10/02 Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  130  130  130  130  130  130  130  13		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	96	96

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: نيريا

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4521 Client Project ID: Kuhlman Electric

Lab Sample ID: 52303 Lab Project ID: G442-139

Matrix: Soil

%SOLIDS: 81.6

Date Collected: 9/9/02
Date Received: 9/10/02

Date Analyzed: 9/13/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	81	81

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 9/11/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 9/13/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/11/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	100		BQL
Aroclor-1221	100		BQL
Aroclor-1232	100		BQL
Aroclor-1242	100		BQL
Aroclor-1248	100	100	BQL
Aroclor-1254	100		BQL
Aroclor-1260	100		BQL
Aroclor-1262	100		BQL
	Cnike	Cuilea	Percent
Surrogate Spike Recoveries	Spike Added	Spike Result	Recovered
TCMX	100	104	104

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

# MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Date Analyzed: 8/29/02

Client Project ID:

Analyzed By:

CLP

Lab Sample ID: Lab Project ID:

S-MS.MSD-14

Dilution:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	974	97%	986	99%	1.2

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 14

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/29/020

Analyzed By:

CLP

Dilution:

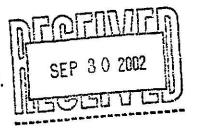
1.0

Compound	Spiked	Result	Limits	1
2 SS	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	308	219	406

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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

September 25, 2002



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

Report Number: G442-140

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

# Results for PCBs

by EPA 8082

Client Sample ID: CNP-GP188-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52705 Lab Project ID: G442-140

Matrix: Soil

%SOLIDS: 89.7

Date Collected: 9/10/02 Date Received: 9/17/02

Date Analyzed: 9/20/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 09/18/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  100  100  100  100  100  100  100  1		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	85	85

Comments:

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

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP191-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52706 Lab Project ID: G442-140

Matrix: Soil

%SOLIDS: 88.3

Date Collected: 9/10/02 Date Received: 9/17/02

Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 09/18/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 1100 1100 1100 1100 1100 1100 1100		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP198-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52707 Lab Project ID: G442-140

Matrix: Soil

%SOLIDS: 79.4

Date Collected: 9/11/02

Date Received: 9/17/02 Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/18/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	95	95

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP199-001 Client Project ID: Kuhlman Electric Lab Sample ID: 52708

Lab Project ID: G442-140

Matrix: Soil

%SOLIDS: 77.6

Date Collected: 9/12/02

Date Received: 9/17/02 Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/18/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		2900
Aroclor-1262	120		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
		***************************************	•••••
TCMX	100	93	93

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

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

Reviewed By:  $\int_{0}^{\infty}$ 

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP202-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52709 Lab Project ID: G442-140

Matrix: Soil

%SOLIDS: 85.7

Date Collected: 9/12/02

Date Received: 9/17/02 Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 09/18/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 570 570 570 570 570 570 570 570		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP204-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 52710 Lab Project ID: G442-140

Matrix: Soil

%SOLIDS: 89.0

Date Collected: 9/14/02

Date Received: 9/17/02 Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 10

Date Extracted: 09/18/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 1100 1100 1100 1100 1100 1100 1100 11		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	NA	NA

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 9/18/02

Lab Project ID:

Matrix:

Date Collected: 9/14/02

Date Received: 9/17/02 Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/18/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		BQL
Aroclor-1262	110		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

99

99

Comments:

**TCMX** 

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

# MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Client Project 1D:

Lab Sample ID:

Date Analyzed: 8/29/02 Analyzed By:

CLP

Lab Project ID:

Matrix:

S-MS.MSD-14

Dilution:

1.0

Com	poun	d

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	974	97%	986	99%	1.2

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 14

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/29/020

Analyzed By:

Dilution:

1.0

Compound	Spiked	Result	Limits	\$
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	308	219	406

Please specify any special reporting الماهد requirements Comments SAME SAME #**303** 725 4.61.7 15.5/2 1156 Invoice To: h23h hhsh 4557 Report To: Chain-of Custody Record & Analytical Request 6 SPOR Analyses Date: \_ Turnaround: Job Number: P.O. Number: Project ID: Kuthinghol Electric Contact: ROBERT MARTIN Pels X  $\searrow$ X X X X Preservatives 'ARADIGM ARTCYTICAL LABORATORIES, INC. Phone: \_ 627 Northchase Parkway SE, Wilmington, NC 28405 Fax: \*2 X X ×  $\prec$ X × Trone: (910)-350-1903 FAX: (910)-350-1557 Time Matrix 7 5 S S 4 4 4 lient: MARTIN + SCHELLE 7005 2NP-6P18P-cul 105802 0750 SIO OFIS 1555 0757 ddress: BLACIC MOUNTAIN 17,7(2) :NP-CP191-001 105802 2172557 11See2 Date HSEO2 NP-CP19F-001 NP-6P199-001 100-6 Piez-ce 1 NP-C124-001 Sample ID ddress: uote#:

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State Certification Requested

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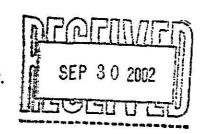
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1400

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

September 25, 2002



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

Report Number: G442-141

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4537 Client Project ID: Kuhlman Electric

Lab Sample ID: 52711 Lab Project ID: G442-141

Matrix: Soil

%SOLIDS: 88.9

Date Collected: 9/10/02

Date Received: 9/17/02 Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/18/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  10  10  10  10  10  10  10  10  10  1		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100

Comments:

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

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4557 Client Project ID: Kuhlman Electric

Lab Sample ID: 52712 Lab Project ID: G442-141

Matrix: Soil

%SOLIDS: 76.5

Date Collected: 9/11/02

Date Received: 9/17/02 Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/18/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		4300
Aroclor-1262	120		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
•			
TCMX	100	99	99

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4565 Client Project ID: Kuhlman Electric

Lab Sample ID: 52713 Lab Project ID: G442-141

Matrix: Soil

%SOLIDS: 77.7

Date Collected: 9/12/02

Date Received: 9/17/02 Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/18/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	92	92

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4575 Client Project ID: Kuhlman Electric

Lab Sample ID: 52714 Lab Project ID: G442-141

Matrix: Soil

%SOLIDS: 88.4

Date Collected: 9/14/02 Date Received: 9/17/02

Date Analyzed: 9/20/02 Analyzed By: CLP

Dilution: 10

NA

NA

Date Extracted: 09/18/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	1100		BQL
Aroclor-1221	1100		BQL
Aroclor-1232	1100		BQL
Aroclor-1242	1100		BQL
Aroclor-1248	1100		BQL
Aroclor-1254	1100		BQL
Aroclor-1260	1100		11000
Aroclor-1262	1100		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

**TCMX** 

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

# Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Bik 9/18/02

Lab Project ID:

Matrix:

Date Collected: 9/14/02 Date Received: 9/17/02

Date Analyzed: 9/20/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/18/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		BQL
Aroclor-1262	110		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered

100

99

99

Comments:

**TCMX** 

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS)

by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 14

Lab Project ID:

Matrix:

Soil

Date Analyzed: 8/29/020

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	<u> </u>
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	308	219	406

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

Client Project ID:

Lab Sample ID:

S-MS.MSD-14

Analyzed By:

Date Analyzed: 8/29/02

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	BQL	974	97%	986	99%	1.2

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L481 S.C. Certification #99029

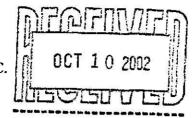
Reviewed By: \(\frac{\lambda\_{\range}}{\lambda}\)

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'ARADIGM AND YTICAL LABORATORIES, INC.

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557



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

October 9, 2002

Report Number: G442-142

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP207-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53142 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 87.2

Date Collected: 9/16/02

Date Received: 9/24/02 Date Analyzed: 10/2/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 550 550 550 550 550 550 550 550		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
DBC	100	55	55

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

# Results for PCBs by EPA 8082

Client Sample ID: CNP-GP208-001 Client Project ID: Kuhiman Electric

Lab Sample ID: 53143 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 70.3

Date Collected: 9/16/02

Date Received: 9/24/02 Date Analyzed: 10/2/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 690 690 690 690 690 690		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	50	50

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

# Results for PCBs by EPA 8082

Client Sample ID: CNP-GP214-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53144 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 84.2

Date Collected: 9/17/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120 120 120	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	84	84

Comments:

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

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP219-001
Client Project ID: Kuhlman Electric

Lab Sample ID: 53145 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 67.1

Date Collected: 9/17/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 140 140 140 140 140 140 140 140		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	87	87

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP221-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 53146 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 70.8

Date Collected: 9/18/02 Date Received: 9/24/02

Date Analyzed: 9/27/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 140 140 140 140 140 140 140 140		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered

100

Comments:

**TCMX** 

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

Reviewed By: w

92

92

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP227-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53147 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 63.8

Date Collected: 9/18/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 160 160 160 160 160 160 160 160		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries TCMX	Spike Added 100	Spike Result	Percent Recovered

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## Results for PCBs by EPA 8082

Client Sample ID: CNP-GP230-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53148 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 67.7

Date Collected: 9/19/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 140 140 140 140 140 140 140		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	84	84

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

## **Results for PCBs** by EPA 8082

Client Sample ID: CNP-GP229-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53149 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 74.7

Date Collected: 9/18/02 Date Received: 9/24/02

Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	83	83

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By

# Results for PCBs by EPA 8082

Client Sample ID: CNP-GP234-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53150 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 76.5

Date Collected: 9/19/02

Date Received: 9/24/02 Date Analyzed: 10/2/02

Analyzed By: CLP

Dilution: 5

Date Extracted: 09/25/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	640		BQL
Aroclor-1221	640		BQL
Aroclor-1232	640		BQL
Aroclor-1242	640		BQL
Aroclor-1248	640		BQL
Aroclor-1254	640		BQL
Aroclor-1260	640		6700
Aroclor-1262	640		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
SASTERIAL PROPERTY.		T(C)	necovered
TCMX	100	50	50

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP237-001 Client Project ID: Kuhlman Electric Lab Sample ID: 53151

Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 72.5

Date Collected: 9/21/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  130  130  130  130  130  130  130  13		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	79	79

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP241-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53152 Lab Project ID: G442-142

Matrix: Soil

%SOLIDS: 48.2

Date Collected: 9/21/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	Quantitation Limit (ug/KG) 200 200 200 200 200 200 200		Result (ug/KG) BQL BQL BQL BQL BQL BQL
Aroclor-1260	200		3000
Aroclor-1262	200		BQL
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	78	78

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 9/25/02

Lab Project ID:

Matrix:

Date Collected:

Date Received: Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	43		BQL
Aroclor-1221	43.		BQL
Aroclor-1232	43		BQL
Aroclor-1242	43		BQL
Aroclor-1248	43		BQL
Aroclor-1254	43		BQL
Aroclor-1260	43		BQL
Aroclor-1262	43		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	70	70

#### Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

# MS/MSD Results for PCBs by GC 8082

Client Sample ID: Client Project ID:

Batch QC

Date Analyzed: 9/20/02

Analyzed By:

CLP

Lab Sample ID:

Lab Project ID:

S-MS.MSD-15

Dilution:

1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	3491	4354	86%	4477	99%	13.3

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L. N.C. Certification #481

S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 15

Lab Project ID:

Matrix:

Soil

Date Analyzed: 9/20/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits		
	(ug/KG)	(ug/KG)	Lower	Upper	
Aroclor 1260	313	324	219	406	

2627 Northchase Parkway SE, Wilmington, NC 28405 Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

coc# 30216

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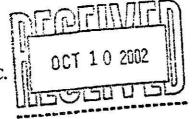
mober 6442-14 400 9/7 Please specify any special reporting requirements State Certification Requested TERMS AND CONDITIONS SEE REVERSE FOR Page 2 \_ Other \_ Comments: Report To: SAME 7994 Invoice To: SUNG SC ,9-0 SCI Temperature 200 Analyses Time Turnaround: P.O. Number: \_ Job Number: Date: Date Project ID: Kohlmur Elastoic Contact: Robort Martin 8 Received By Preservatives Phone: Fax Z X Time Phone: (910)-350-1903 FAX: (910)-350-1557 Time Matrix 8 Address: BLACE MOUNTAIN NC Date Client: 7716710 3 9.4567 CAPGPAILOUI 215804 MIO Date Relinquished By Sample ID Address: Quote #:

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Chain-of Custody Record & Analytical Request

PARADIGM ANALYTICAL LABORATORIES, INC. 2627 Northchase Parkway SE, Wilmington, NC 28405

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557



Mr. Robert Martin Martin & Slagle Box 1023 Black Mountain, NC 28711 October 9, 2002

Report Number: G442-143

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Raradigm Analytical Laboratories, Inc.

Laboratory Director J. Patrick Weaver

#### **Results for PCBs** by EPA 8082

Client Sample ID: Duplicate-4585 Client Project ID: Kuhlman Electric

Lab Sample ID: 53153 Lab Project ID: G442-143

Surrogate Spike Recoveries

Aroclor 1260 and Aroclor 1262.

**TCMX** 

Matrix: Soil

%SOLIDS: 88.3

Date Collected: 9/16/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Spike

Result

56

Percent

Recovered

56

Dilution: 1

Date Extracted: 09/25/02

	Quantitation	Result
Compound	Limit (ug/KG)	(ug/KG)
Aroclor-1016	110	BQL
Aroclor-1221	110	BQL
Aroclor-1232	110	BQL
Aroclor-1242	110	BQL
Aroclor-1248	110	BQL
Aroclor-1254	110	BQL
Aroclor-1260	110	4100
Aroclor-1262	110	BQL

Spike

Added

100

*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of	f

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4605 Client Project ID: Kuhlman Electric

Lab Sample ID: 53154 Lab Project ID: G442-143

Matrix: Soil

%SOLIDS: 82.8

Date Collected: 9/17/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	93	93

Comments:

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

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4626
Client Project ID: Kuhlman Electric

Lab Sample ID: 53155 Lab Project ID: G442-143

Matrix: Soil

%SOLIDS: 71.5

Date Collected: 9/18/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

	Quantitation	Result
Compound	Limit (ug/KG)	(ug/KG)
Aroclor-1016	130	BQL
Aroclor-1221	130	BQL
Aroclor-1232	130	BQL
Aroclor-1242	130	BQL
Aroclor-1248	130	BQL
Aroclor-1254	130	BQL
Aroclor-1260	130	BQL
Aroclor-1262	130	BQL
	<b>5.1</b>	

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	57	57

Comments:

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

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4642 Client Project ID: Kuhlman Electric

Lab Sample ID: 53156 Lab Project ID: G442-143

Matrix: Soil

%SOLIDS: 69.4

Date Collected: 9/19/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 140 140 140 140 140 140 140 140		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	84	84

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4656 Client Project ID: Kuhlman Electric

Lab Sample ID: 53157 Lab Project ID: G442-143

Matrix: Soil

%SOLIDS: 72.2

Date Collected: 9/21/02

Date Received: 9/24/02 Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/26/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG)  130  130  130  130  130  130  130  13		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	85	85

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

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

#### **Results for PCBs** by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 9/25/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

70

70

Date Analyzed: 9/27/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 09/25/02

Quantitation		Result (ug/KG)
		BQL
43		BQL
Spike	Spike	Percent Recovered
	Limit (ug/KG) 43 43 43 43 43 43 43 43	Limit (ug/KG) 43 43 43 43 43 43 43 43 43 43 43 5pike Spike

100

Comments:

**TCMX** 

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

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 9/26/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 9/27/02 Analyzed By: CLP

Dilution: 1

Date Extracted: 09/26/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 43 43 43 43 43 43 43 43		Result (ug/KG) BQL
Surrogate Spike Recoveries TCMX	Spike Added 100	Spike Result	Percent Recovered

Comments:

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

Reviewed By:

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Batch QC

S-MS.MSD-15

Date Analyzed: 9/20/02

Client Project ID:

Lab Sample ID:

Analyzed By:

Dilution:

CLP 1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD

Aroclor-1260

3491

4354

86%

4477

99%

13.3

Comments:

**BQL** = Below Quantitation Limit

Results reported are on-column arounts in ug/l #481 S.C. Certification #99029

#### PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 15

Lab Project ID:

Matrix:

Soil

Date Analyzed: 9/20/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	<b>3</b>
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	324	219	406

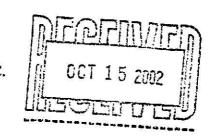
Chain-of Custody Record & Analytical Request PARADIGM ANWLYTICAL LABORATORIES, INC. 2627 Northchase Parkway SE, Wilmington, NC 28405 hone: (910)-350-1903 FAX: (910)-350-1557

COC# 30218

Please specify any special reporting e\$W State Certification Requested SEE REVERSE FOR SAME Comments Other 5,412-143 Invoice To: SAIMS 2494 485S 7294 4656 mobile Report To: \_ SC 5254 500 Ł S Temperature 486 グジア Analyses Time Contact: Rolder MARTH Turnaround: P.O. Number: Project ID: KUKUMAN CLOSTAL Date: Job Number: 1/24/02 Date 8 Received By Preservatives ddress: BACK MOUNTAIN, UC Phone: Fax: 3 Time Matrix Date Tient: MACTIN \$8.4646 Time 175802 2085 13502 1708/1 (2) S60~1 Relinquished By Tall State Con-我们我们我的我 DUPLI CATS DUPLICATE DUPLICATO DUPLICATE DUPLICATE Sample ID ddress: )note #:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

October 10, 2002



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

Report Number: G442-144

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP242-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53663 Lab Project ID: G442-144

Matrix: Soil

%SOLIDS: 74.2

Date Collected: 9/23/02

Date Received: 10/1/02 Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		1600
Aroclor-1262	120		BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	81	81

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP245-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 53667 Lab Project ID: G442-144

Matrix: Soil

%SOLIDS: 75.1

Date Collected: 9/28/02

Date Received: 10/1/02 Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

	Quantitation	Result
Compound	Limit (ug/KG)	(ug/KG)
Aroclor-1016	130	BQL
Aroclor-1221	130	BQL
Aroclor-1232	130	BQL
Aroclor-1242	130	BQL
Aroclor-1248	130	BQL
Aroclor-1254	130	BQL
Aroclor-1260	130	BQL
Aroclor-1262	130	BQL
		₩

Surrogate Spike Recoveries	Spike	Spike	Percent
	Added	Result	Recovered
TCMX	100	83	83

Comments:

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

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP252-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53666 Lab Project ID: G442-144

Matrix: Soil

%SOLIDS: 66.2

Date Collected: 9/27/02

Date Received: 10/1/02 Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

On many state of	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	140		BQL
Aroclor-1221	140		BQL
Aroclor-1232	140		BQL
Aroclor-1242	140		BQL
Aroclor-1248	140		BQL
Aroclor-1254	140		BQL
Aroclor-1260	140		3100
Aroclor-1262	140		BQL
	Ontho	0.11	
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
	7.4404	1.03ult	1,000,000
TCMX	100	78	78

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By: 1

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP251-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 53665 Lab Project ID: G442-144

Matrix: Soil

%SOLIDS: 81.1

Date Collected: 9/24/02

Date Received: 10/1/02 Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries TCMX	Spike Added 100	Spike Result	Percent Recovered

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP246-002 Client Project ID: Kuhlman Electric

Lab Sample ID: 53664 Lab Project ID: G442-144

Matrix: Soil

%SOLIDS: 69.7

Date Collected: 9/24/02

Date Received: 10/1/02 Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	130		BQL
Aroclor-1221	130		BQL
Aroclor-1232	130		BQL
Aroclor-1242	130		BQL
Aroclor-1248	130		BQL
Aroclor-1254	130		BQL
Aroclor-1260	130		1600
Aroclor-1262	130		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	77	77

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 10/1/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

72

72

Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)		
Aroclor-1016	31		BQL		
Aroclor-1221	31		BQL		
Aroclor-1232	31		BQL		
Aroclor-1242	31		BQL		
Aroclor-1248	31		BQL		
Aroclor-1254	31		BQL		
Aroclor-1260	31		BQL		
Aroclor-1262	31		BQL		
	Spike	Spike	Percent		
Surrogate Spike Recoveries	Added	Result	Recovered		

100

Comments:

**TCMX** 

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

#### MS/MSD Results for PCBs by GC 8082

Client Sample ID: Client Project ID:

Batch QC

S-MS.MSD-16

Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1.0

Lab Sample ID: Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	1270	1818	55%	1944	67%	20.6

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/l-#481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Lab Sample ID: SLCS 16

Lab Project ID:

Matrix:

Soil

Date Analyzed: 10/3/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	5
•	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	357	219	406

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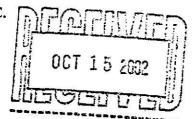
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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

October 10, 2002



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

Report Number: G442-145

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

Laboratory Director
J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4671 Client Project ID: Kuhlman Electric

Lab Sample ID: 53668 Lab Project ID: G442-145

Matrix: Soil

%SOLIDS: 74.3

Date Collected: 9/23/02

Date Received: 10/1/02 Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	76	76

Comments:

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

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4693 Client Project ID: Kuhlman Electric

Lab Sample ID: 53670 Lab Project ID: G442-145

Matrix: Soil

%SOLIDS: 66.7

Date Collected: 9/27/02

Date Received: 10/1/02 Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	140 140 140 140 140 140	5	BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries TCMX	Spike Added	Spike Result 82	Percent Recovered

Comments:

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

Reviewed By: \_

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4680 Client Project ID: Kuhlman Electric

Lab Sample ID: 53669 Lab Project ID: G442-145

Matrix: Soil

%SOLIDS: 69.9

Date Collected: 9/24/02

Date Received: 10/1/02 Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 130 130 130 130 130 130 130 130		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	97	97

100

97

97

Comments:

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

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4701 Client Project ID: Kuhlman Electric

Lab Sample ID: 53671 Lab Project ID: G442-145

Matrix: Soil

%SOLIDS: 75.4

Date Collected: 9/28/02 Date Received: 10/1/02

Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

Compound	Quantitation Limit (ug/KG)		Result (ug/KG)				
Aroclor-1016	110		BQL				
Aroclor-1221	110		BQL				
Aroclor-1232	110		BQL				
Aroclor-1242	110		BQL				
Aroclor-1248	110		BQL				
Aroclor-1254	110		BQL				
Aroclor-1260	110		BQL				
Aroclor-1262	110		BQL				
	Spike	Spike	Percent				
Surrogate Spike Recoveries	Added	Result	Recovered				
TCMX	100	81	81				

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 10/1/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/01/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 31 31 31 31 31 31 31	A	Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	72	72

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID: Lab Sample ID:

**SLCS 16** 

Date Analyzed: 10/3/02 Analyzed By: CLP

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Spiked	Result	Limits	>	
	(ug/KG)	(ug/KG)	Lower	Upper	
Aroclor 1260	313	357	219	406	

# MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Batch QC

Client Project ID: Lab Sample ID:

S-MS.MSD-16

Date Analyzed: 10/3/02 Analyzed By: CLP

Dilution:

1.0

Lab Project ID:

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	1270	1818	55%	1944	67%	20.6

Comments:

BQL = Below Quantitation Limit

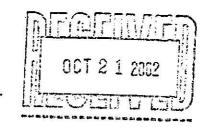
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2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

October 14, 2002



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

Report Number: G442-146

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

# Results for PCBs by EPA 8082

Client Sample ID: CNP-GP251-003

Client Project ID: Kuhlman Electric

Lab Sample ID: 54044 Lab Project ID: G442-146

Matrix: Soil

%SOLIDS: 80.7

Date Collected: 9/30/02

Date Received: 10/4/02 Date Analyzed: 10/10/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/08/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	94	94

Comments:

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

Reviewed By:

### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP254-001 Client Project ID: Kuhlman Electric

Lab Sample ID: 54045 Lab Project ID: G442-146

Matrix: Soil

%SOLIDS: 71.5

Date Collected: 10/1/02

Date Received: 10/4/02 Date Analyzed: 10/10/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/08/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 160 160 160 160 160 160		Result (ug/KG) BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	90	90

Comments:

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

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: CNP-GP193-003 Client Project ID: Kuhlman Electric

Lab Sample ID: 54046

Lab Project ID: G442-146

Matrix: Soil

%SOLIDS: 83.2

Date Collected: 10/2/02

Date Received: 10/4/02 Date Analyzed: 10/10/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/08/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 120 120 120 120 120 120 120	el e	Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	100	100

\*Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

## Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 10/10/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 10/10/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/08/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		BQL
Aroclor-1262	110		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
ТСМХ	100	97	97

Comments:

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

# MS/MSD Results for PCBs

by GC 8082

Client Sample ID:

Client Project ID:

Batch QC

Lab Sample ID: Lab Project ID:

Matrix:

S-MS.MSD-16

Soil

Date Analyzed: 10/3/02

Analyzed By: CLP

Dilution:

1.0

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	1270	1818	55%	1944	67%	20.6

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L N.C. Certification #481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

Date Analyzed: 10/3/02 Analyzed By:

Lab Sample ID: SLCS 16

Dilution:

CLP 1.0

Lab Project ID:

Matrix:

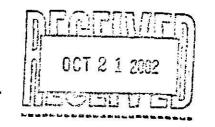
Soil

Compound	Spiked	Result	Limits	5
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	357	219	406

Please specify any special reporting 541071 53412 (704) State Certification Requested TEDAME ANIM CONTONIONIE coc# 30224 SEE REVERSE FOR requirements Comments Other\_ HOBITE 4127 4次的"4706 471 SC Report To: Invoice To: ,,9-0 36-42" S Chain-of Custody Record & Analytical Request Temperature 3 oco 2 - Analyses Time 20:01 20/h/01 Date: Turnaround: Job Number: P.O. Number: Date Project ID: [Luthtrin] Electric Contact: LOBBAY VIANTIN If pay C. Pate Received By . Preservatives ARADIGM ANTICAL LABORATORIES, INC. 627 Northchase Parkway SE, Wilmington, NC 28405 Phone: Fax: Time 115/02 14W hone: (910)-350-1903 FAX: (910)-350-1557 Time Matrix Idress: B CACK HOUNTHAN NO Date 930 200 lient: HARTING SCAGOR Date 700 NP-GP151-603 5802 200 Relinquished By NP-67254-001 N-68193-03 Sample ID 110te #:\_\_ ddress:

2627 Northchase Parkway S.E. Wilmington, North Carolina 28405 (910) 350-1903 Fax (910) 350-1557

October 14, 2002



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

Report Number: G442-147

Client Project ID: Kuhlman Electric

Dear Mr. Martin,

Enclosed are the results of the analytical services performed under the referenced project. 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 for assistance. We will be happy to answer any questions or concerns which you may have.

Thank you for using 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,

Paradigm Analytical Laboratories, Inc.

J. Patrick Weaver

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4707

Client Project ID: Kuhlman Electric

Lab Sample ID: 54047 Lab Project ID: G442-147

Matrix: Soil

%SOLIDS: 81.4

Date Collected: 9/30/02

Date Received: 10/4/02 Date Analyzed: 10/10/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/08/02

49	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	120		BQL
Aroclor-1221	120		BQL
Aroclor-1232	120		BQL
Aroclor-1242	120		BQL
Aroclor-1248	120		BQL
Aroclor-1254	120		BQL
Aroclor-1260	120		BQL
Aroclor-1262	120		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	99	99

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

#### Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4716
Client Project ID: Kuhlman Electric
Lab Sample ID: 54048

Lab Project ID: G442-147

Matrix: Soil

%SOLIDS: 71.1

Date Collected: 10/1/02

Date Received: 10/4/02 Date Analyzed: 10/10/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/08/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 140 140 140 140 140 140 140		Result (ug/KG)  BQL  BQL  BQL  BQL  BQL  BQL  BQL  BQ
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	80	80

Comments:

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

Reviewed By:

## Results for PCBs by EPA 8082

Client Sample ID: Duplicate-4723 Client Project ID: Kuhlman Electric

Lab Sample ID: 54049 Lab Project ID: G442-147

Matrix: Soil

%SOLIDS: 83.0

Date Collected: 10/2/02

Date Received: 10/4/02 Date Analyzed: 10/10/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/08/02

Compound Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262	Quantitation Limit (ug/KG) 110 110 110 110 110 110 110 110		Result (ug/KG) BQL BQL BQL BQL BQL BQL BQL BQL BQL
Surrogate Spike Recoveries	Spike Added	Spike Result	Percent Recovered
TCMX	100	88	88

Comments:

BQL = Below Quantitation Limit

NA = Not applicable, surrogate diluted out.

Reviewed By:

<sup>\*</sup>Sample was quantitated as Aroclor 1260, but appears to contain a mixture of Aroclor 1260 and Aroclor 1262.

#### Results for PCBs by EPA 8082

Client Sample ID: Method Blank

Client Project ID:

Lab Sample ID: Blk 10/10/02

Lab Project ID:

Matrix:

Date Collected:

Date Received:

Date Analyzed: 10/10/02

Analyzed By: CLP

Dilution: 1

Date Extracted: 10/08/02

	Quantitation		Result
Compound	Limit (ug/KG)		(ug/KG)
Aroclor-1016	110		BQL
Aroclor-1221	, 110		BQL
Aroclor-1232	110		BQL
Aroclor-1242	110		BQL
Aroclor-1248	110		BQL
Aroclor-1254	110		BQL
Aroclor-1260	110		BQL
Aroclor-1262	110		BQL
	Spike	Spike	Percent
Surrogate Spike Recoveries	Added	Result	Recovered
TCMX	100	97	97

Comments:

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

# MS/MSD Results for PCBs by GC 8082

Client Sample ID:

Client Project ID:

Batch QC

Lab Sample ID: Lab Project ID:

S-MS.MSD-16

Date Analyzed: 10/3/02 Analyzed By:

Dilution:

CLP 1.0

Matrix:

Soil

Compound	Sample	MS	%Rec	MSD	%Rec	RPD
Aroclor-1260	1270	1818	55%	1944	67%	20.6

Comments:

BQL = Below Quantitation Limit

Results reported are on-column amounts in ug/L N.C. Certification #481 S.C. Certification #99029

# PARADIGM ANALYTICAL LABORATORIES, INC. Results for Laboratory Control Spike (LCS) by GC 8082

Client Sample ID: Batch QC

Client Project ID:

SLCS 16

Lab Sample ID: Lab Project ID:

Matrix:

Soil

Date Analyzed: 10/3/02

Analyzed By:

CLP

Dilution:

1.0

Compound	Spiked	Result	Limits	3
	(ug/KG)	(ug/KG)	Lower	Upper
Aroclor 1260	313	357	219	406

Please specify any special reporting 53412 (100H) State Certification Requested TEBRAG ANTO CONTOTIONED coc# 302.23 SEE REVERSE FOR requirements Comments: SAOTE SAME Other\_ 6412-147 Invoice To:\_ SC Report To: 4716 4707 经是 413 S Chain-of Custody Record & Analytical Request Temperature 30002 Analyses 10/4/02 10:05 Time Date: Job Number: P.O. Number: Turnaround: Date Project ID: LUHLHAN ELECIRC 心をなるのかを見ない PCA21 Contact: [Lobe LT MIN-TIP Jufford C. Pate × Received By Preservatives ARADIGM AN ATTICAL LABORATORIES, INC. 627 Northchase Parkway SE, Wilmington, NC 28405 Phone: \_ Fax: ま Time 14. 14c hone: (910)-350-1903 FAX: (910)-350-1557 Time Matrix ddress: BCACK POUN THO NO Date lient: MARTINGSCAGLE Date 30 198 لہ ھر لام Relinquished By いられてから WPLICA712 Sample ID OPLICATE ddress: note #: