



KUHLMAN ELECTRIC CORPORATION

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Email: athomas@kuhlman.com

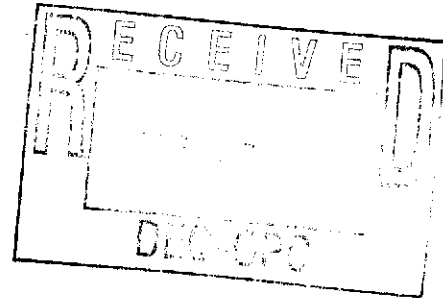
101 Kuhlman Drive • Crystal Springs, Mississippi 39059

Website: www.kuhlman.com

Power Transformers
Instrument Transformers
Distribution Transformers

February 9, 2009

Mr. Tony Russell
Assessment Remediation Branch Chief
Mississippi Department of Environmental Quality
P. O. Box 2261
Jackson, MS 39225



Dear Tony;

I am writing today to summarize the excavation of potentially contaminated soil to construct a pit at the Kuhlman Electric facility in Crystal Springs, MS. The purpose of the pit is to permit placing transformer core/coil assemblies into the transformer tank. KEC completed the project in January of 2009. This pit is the subject of the September 8, 2008 letter to MDEQ.

Kuhlman Electric's manufacturing capability has increased to permit building larger transformers. A pit was needed to permit the assembly of the larger transformers. Because KEC's bridge cranes are at a fixed elevation above the floor, KEC "lowers" the transformer case (via placing it into the pit) to permit placement of larger assemblies into the casing. Potentially contaminated soil was excavated to construct the pit. Walker Hill Environmental was contracted to excavate the soil. Walker Hill was selected because they have completed several environmental projects competently at the KEC site in past years.

Soil was removed to covered roll-offs. Composite samples of each of the roll-offs were taken. Analysis (found in Environmental Management Services (EMS) report in Appendix I) for PCB concentration was completed on the composites. Analysis showed that PCB 1260 was present in the soil. Please note that the EMS report contains data from the Vapor Phase Rail excavation that took place the same weekend. A sketch within the EMS report details the location of the samples from each project site.

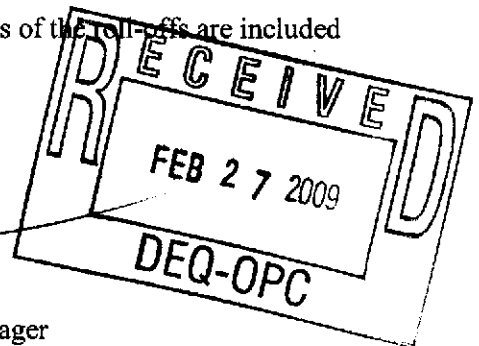
Excavation of the soil took place in KEC's "Assembly Department" (Figure 2 illustrates pit location within the facility). Work to remove the soil was conducted during weekend hours when the Department was nearly empty of KEC personnel. KEC employees were informed of the excavation prior to its taking place.

Soil was disposed of in accordance with regulatory requirements. Manifests of the roll-offs are included as Figures 3 thru 8 inclusive.

Please call me @ 601-892-6462 with any questions or comments.

Sincerely,

Alan Thomas
Maintenance Manager



Cc: Messrs. Paul Acheson, Ron Polk, John Brooks, KEC; Ms. Anastasia Hamel/ Borg Warner/ Mr. Steve Levine/ Phelps, Dunbar, Mr. James Barrett/Latham and Watkins

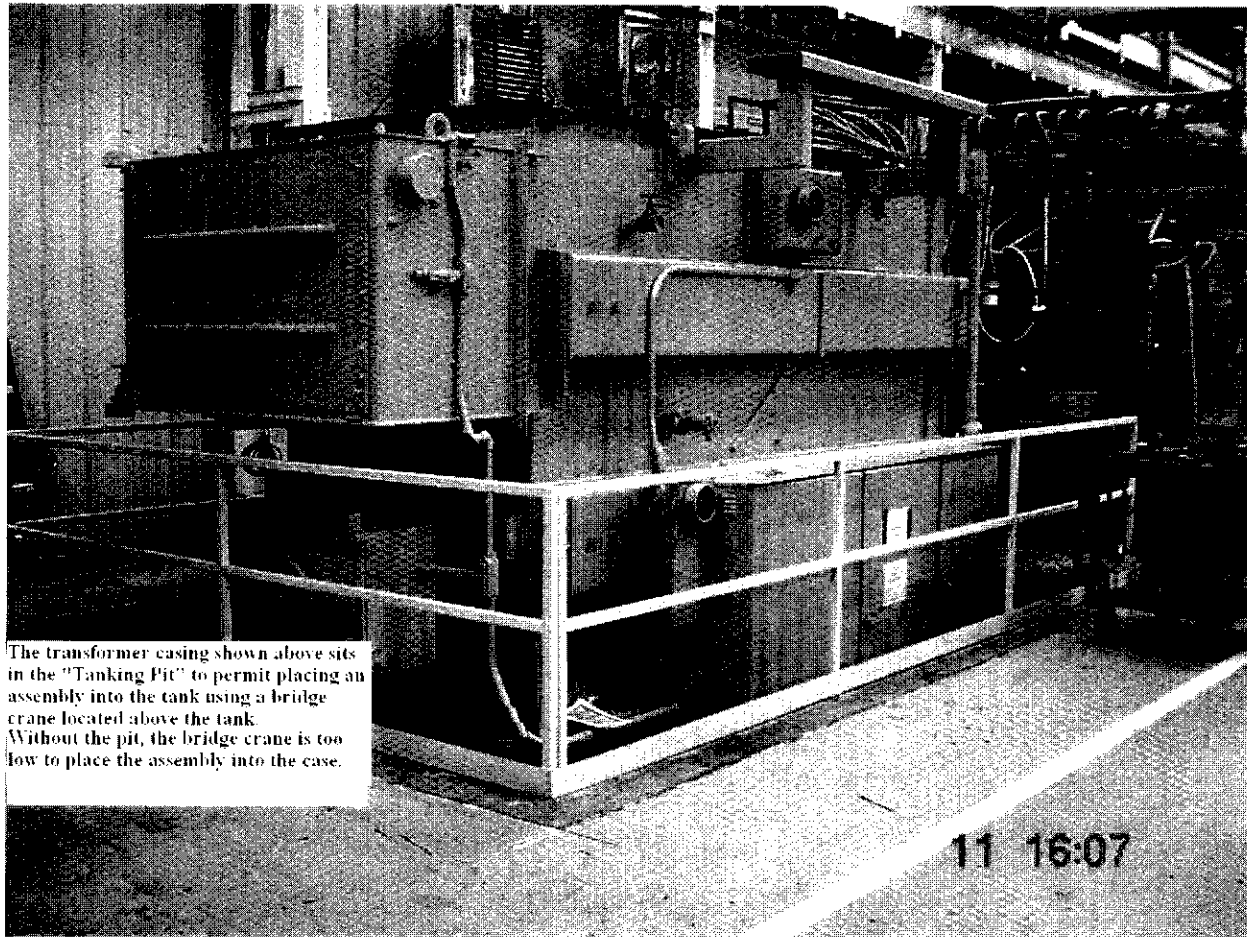


Figure 1

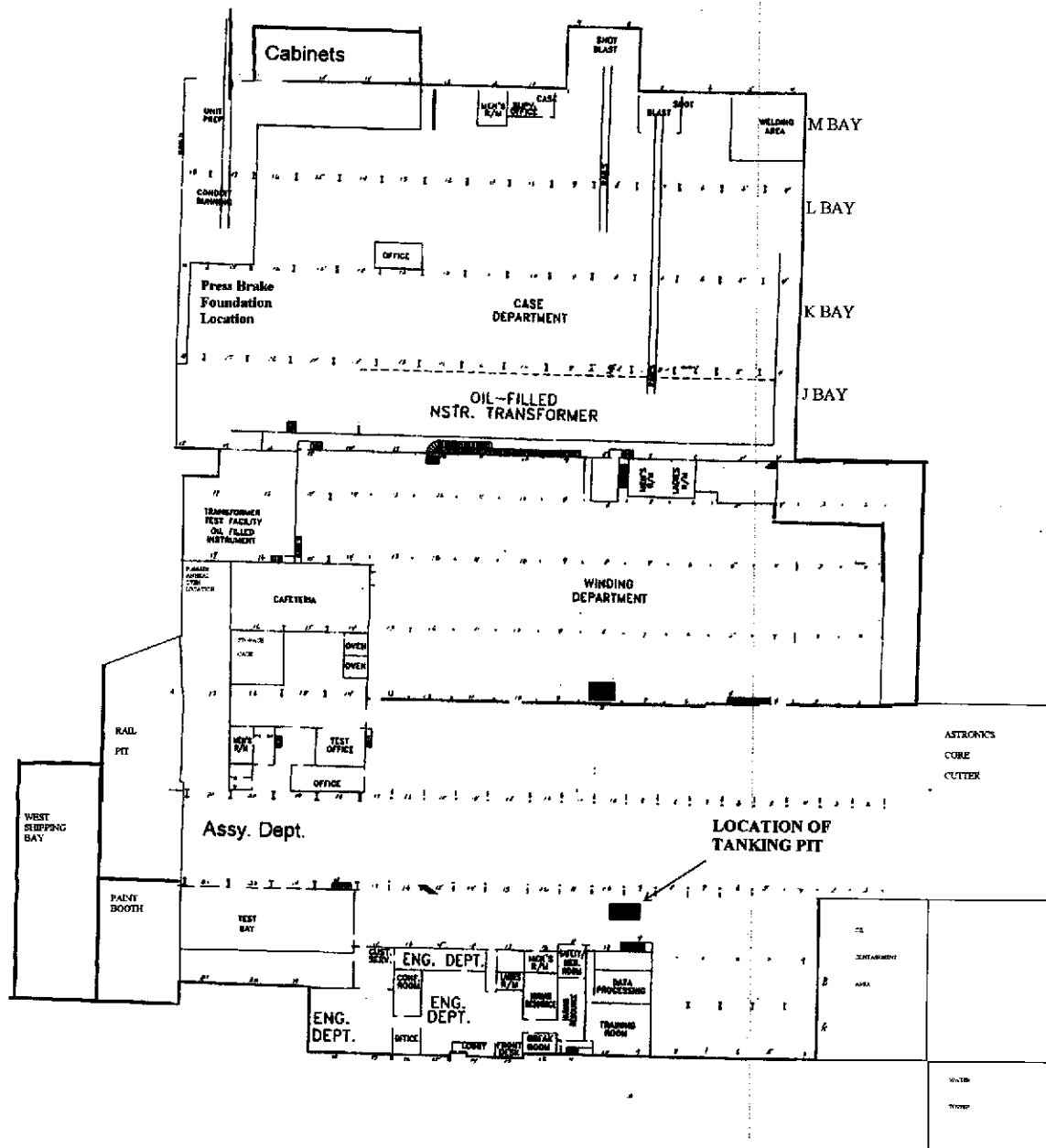



Figure 2




NON-HAZARDOUS WASTE MANIFEST 0168598

| | | | | | |
|---|--|---|---------------------------------------|--|------|
| 1. Generator's US EPA ID Number | | Manifest Document Number | | 2. Page 1 of | |
| 3. Generator Name KUHLMAN ELECTRIC 101 KUHLMAN DR. CRYSTAL SPRINGS, MS 39059 601 892 6462 | | | 6. Generating Location (if different) | | |
| 4. Phone () | | | 8. Phone () | | |
| 7. Transporter #1 Company Name <i>C-5 Trucking</i> | | 8. US EPA ID Number | | 9. Transporter #1's Phone <i>601-592-0422</i> | |
| 10. Transporter #2 Company Name | | 11. US EPA ID Number | | 12. Transporter #2's Phone | |
| 13. Designated TSD Facility Name and Site Address BFI LITTLE DIXIE LANDFILL 1716 N. COUNTY LINE ROAD RIDGELAND, MS 39157 | | 14. US EPA ID Number | | 15. Facility's Phone 601-967-2488 | |
| 16. Waste Shipping Name and Description BOX, CONTAMINATED WITH PCB L38 Y8 13984 | | 17. Allied Waste Approval # and Exp. Date EXPIRES: 03/31/2009 | | 18. Containers | |
| | | | | No. | Type |
| | | | | <i>30yd</i> | |
| 21. Additional Descriptions for Materials Listed Above | | | | | |
| 22. Special Handling Instructions apply to this waste | | BILL TO: KUHLMAN ELECTRIC ACCT# 681108 ATTN: ALAN THOMAS 101 KUHLMAN DRIVE CRYSTAL SPRINGS, MS 39059 | | | |
| 23. GENERATOR'S CERTIFICATION: I certify the materials described on this manifest are not subject to special requirements for reporting paper special of Hazardous Waste. | | | | | |
| Printed/Typed Name <i>ALAN THOMAS</i> | | Signature <i>[Signature]</i> | | Month Day Year <i>12/17/08</i> | |
| 24. Transporter #1: Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name <i>Howard Williams</i> | | Signature <i>[Signature]</i> | | Month Day Year <i>12/17/08</i> | |
| 25. Transporter #2: Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name | | Signature | | Month Day Year | |
| 26. Discrepancy Indication Space | | | | | |
| 27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in item 18) | | | | | |
| Printed/Typed Name <i>Carl Shary</i> | | Signature <i>[Signature]</i> | | Month Day Year <i>12/17/08</i> | |

T/S/D/ECOPY

Figure 3



NON-HAZARDOUS WASTE MANIFEST **0168599**

| | | | | | |
|--|--|---|---------------------------------------|--|--|
| 1. Generator's US EPA ID Number | | Manifest Document Number | | 2. Page 1 of | |
| 3. Generator's Name (Print/Type): CENTRAL SERVICES INC 20040 501 KIMBLE AVE MAY 2004 | | | 3. Generating Location (if different) | | |
| 4. Phone () | | | 5. Phone () | | |
| 7. Transporter #1 Company Name <i>P-G</i> | | 8. US EPA ID Number | | 9. Transporter #1's Phone <i>601-272-0972</i> | |
| 10. Transporter #2 Company Name | | 11. US EPA ID Number | | 12. Transporter #2's Phone | |
| 13. Designated TSD Facility Name and Site Address: CPI LITTEL OFVA LASHBURN 1710 N COUNTY LINE ROAD BIRMINGHAM, AL 35201 | | 14. US EPA ID Number | | 15. Facility's Phone <i>205-982-0448</i> | |
| 16. Waste Shipping Name and Description a. <i>RESIDUAL WASTE</i> <i>100 TO 10000</i> | | 17. Allied Waste Approval # And Exp. Date <i>AB20084</i> <i>EXPIRES 02/1/2009</i> | | 18. Containers | |
| | | | | 19. Total Quantity | |
| | | | | 20. Unit Wt/Vol <i>30 Yd</i> | |
| 21. Additional Descriptions for Materials Listed Above | | | | | |
| 22. Special Handling Instructions and Additional Information: <i>SEE ATTACHED MANIFEST SYSTEMS</i> <i>SEE ATTACHED MANIFEST</i> <i>CENTRAL SERVICES INC 20040</i> | | | | | |
| 23. GENERATOR'S CERTIFICATION: I certify the materials described on this manifest are not subject to special regulations for reporting proper disposal of Hazardous Waste. | | | | | |
| Printed/Typed Name <i>ALAN THOMAS</i> | | Signature <i>[Signature]</i> | | Month Day Year <i>12 12 08</i> | |
| 24. Transporter #1: Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name <i>Howard Williams</i> | | Signature <i>Howard Williams</i> | | Month Day Year <i>12 12 08</i> | |
| 25. Transporter #2: Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name | | Signature | | Month Day Year | |
| 26. Discrepancy Indication Boxes | | | | | |
| 27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in item 18) | | | | | |
| Printed/Typed Name | | Signature | | Month Day Year | |

GENERATOR'S COPY

Figure 4



NON-HAZARDOUS WASTE MANIFEST

0168800

1. Generator's US EPA ID Number: [Redacted] Manifest Document Number: 2, Page 1 of [Redacted]

3. Generator Name and Address:
KUHLMAN ELECTRIC
101 KUHLMAN DR
CRYSTAL SPRINGS, MS 39059
801 892 6462

5. Generating Location (if different): [Redacted]

4. Phone: [Redacted]

6. Phone: [Redacted]

7. Transporter #1 Company Name: **C-G Trucking**

8. US EPA ID Number: [Redacted]

9. Transporter #1's Phone: **601-892-0972**

10. Transporter #2 Company Name: [Redacted]

11. US EPA ID Number: [Redacted]

12. Transporter #2's Phone: [Redacted]

13. Designated TSD Facility Name and Site Address:
BFI LITTLE DIXIE LANDFILL
1716 N. COUNTY LINE ROAD
MOBILE, MS 39157

14. US EPA ID Number: [Redacted]

15. Facility's Phone: **800-967-2488**

18. Waste Shipping Name and Description:
SOIL CONTAMINATED WITH PCB
L38 Y8 13804

17. Allowed Waste Approval # and Exp. Date: **RB 20038**
EXPIRES: 03/31/2008

| No. | 18. Containers | | 19. Total Quantity | 20. LMK W/AD |
|-----|----------------|--|--------------------|--------------|
| | Type | | | |
| a. | | | 25.10 | |
| b. | | | | |
| c. | | | | |
| d. | | | | |

21. Additional Descriptions for Materials Listed Above: [Redacted]

22. Special Handling Instructions and Agency Use:
BILL TO: KUHLMAN ELECTRIC
101 KUHLMAN DRIVE
CRYSTAL SPRINGS, MS 39059
ACCT# 661108 **ATTN: ALAN THOMAS**

23. GENERATOR'S CERTIFICATION: (Leave blank for materials described on this manifest are not excluded from RCRA requirements for reporting under disposal of hazardous waste.)
 Printed/Typed Name: **Alan Thomas** Signature: [Signature] Date: **1/21/08**

24. Transporter #1's Acknowledgment of Receipt of Materials
 Printed/Typed Name: **Howard Williams** Signature: [Signature] Month: **12** Day: **30** Year: **08**

25. Transporter #2's Acknowledgment of Receipt of Materials
 Printed/Typed Name: [Redacted] Signature: [Redacted] Month: [Redacted] Day: [Redacted] Year: [Redacted]

26. Discrepancy Indication Space: [Redacted]

27. Facility Owner or Operator: (Indicate the name of the facility owner or operator covered by this manifest (except as noted in item 13))
 Printed/Typed Name: **Keith Edwards** Signature: **Keith Edwards** Month: **1** Day: **23** Year: **08**

T/S/D/FCOPY: [Redacted]

Figure 5

AV
ALBERTA WASTE

NON-HAZARDOUS WASTE MANIFEST **0168601**

| | | | | | |
|--|--|--|---------------------------------------|--------------------------------------|--|
| 1. Generator's US EPA ID Number | | Manifest Document Number | | 2. Page 1 of | |
| 3. Generator Name and Address 387 WILM. BLVD. SW CENTRAL SPRINGS, WY 83409 WY 83409 | | | 8. Generating Location (if different) | | |
| 4. Phone () | | | 6. Phone () | | |
| 7. Transporter #1 Company Name | | 8. US EPA ID Number | | 9. Transporter #1's Phone | |
| 10. Transporter #2 Company Name | | 11. US EPA ID Number | | 12. Transporter #2's Phone | |
| 13. Designated TSD Facility Name and Site Address EPI LITTLE ROCK LANDFILL 2100 N. COUNTY LINE ROAD LITTLE ROCK, AR 72202 | | 14. US EPA ID Number | | 16. Facility's Phone 501-977-7413 | |
| 19. Waste Shipping Name and Description a. 200 PINT CARTRIDGES WITH LUBRICANT | | 17. Aired Waste Approval # and Exp. Date AR 26025 EXPIRES 12/31/08 | | 18. Containers | |
| | | | | No. Type | |
| | | | | 19. Total Quantity | |
| | | | | 20. Unit Wt/Vol | |
| | | | | | |
| 21. Additional Descriptions for Materials Listed Above | | | | | |
| 22. Special Handling Instructions and Additional Information CALL TO: WASTE MANAGEMENT CONSULTANTS 201 RIVINGTON STREET CENTRAL SPRINGS, WY 83409 | | | | | |
| 23. GENERATOR'S CERTIFICATION: I certify the materials described on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. | | | | | |
| Printed/Typed Name ALAN THOMAS | | Signature <i>[Signature]</i> | | Month Day Year 1/20/08 | |
| 24. Transporter #1: Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name <i>[Name]</i> | | Signature <i>[Signature]</i> | | Month Day Year 1/20/08 | |
| 25. Transporter #2: Acknowledgement of Receipt of Materials | | | | | |
| Printed/Typed Name | | Signature | | Month Day Year | |
| 26. Discrepancy Indication Space | | | | | |
| 27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in item 19) | | | | | |
| Printed/Typed Name | | Signature | | Month Day Year | |

GENERATOR'S COPY

Figure 6



NON-HAZARDOUS WASTE MANIFEST

0168602

| | | | | |
|--|--|---|---|------------------------|
| 1. Generator's US EPA ID Number | | Manifest Document Number | 2. Page 1 of | |
| 3. Generator's Name and Address 509 KIMBERLY DR. 25500 S. HARRIS RD. TULSA OK 74134 | | 5. Generating Location (if different) | | |
| 4. Phone () | | 6. Phone () | | |
| 7. Transporter #1 Company Name C-G | | 8. US EPA ID Number | 9. Transporter #1's Phone 601-572-0472 | |
| 10. Transporter #2 Company Name | | 11. US EPA ID Number | 12. Transporter #2's Phone | |
| 13. Designated TSD Facility Name and Site Address REFLECTOR DUMP LANDFILL 1710 N. COUNTY LINE ROAD EDGEMOND, OK 73034 | | 14. US EPA ID Number | 15. Facility's Phone | |
| 16. Waste Shipping Name and Description | | 17. Allied Waste Approval # and Exp. Date | 18. Containers | 19. Total Quantity |
| a. ONE TRUCK LOAD OF WASTE LSC YR 43906 | | 18000000 03/31/07 | No. Type | 20. Unit W/Vol 2540 |
| b. | | | | |
| c. | | | | |
| d. | | | | |
| 21. Additional Descriptions for Materials Listed Above | | | | |
| 22. Special Handling Instructions and Additional Information CALL THE SINK HOLE TO GET THE WASTE DO NOT MIX WITH OTHER WASTE DO NOT MIX WITH OTHER WASTE | | | | |
| 23. GENERATOR'S CERTIFICATION: I certify the materials described on this manifest are not subject to federal regulations for reporting (except as noted in item 19) of Hazardous Waste. Printed/Typed Name: Alan Thomas Signature: [Signature] Month: 01 Day: 19 Year: 07 | | | | |
| 24. Transporter #1: Acknowledgment of Receipt of Materials Printed/Typed Name: [Signature] Signature: [Signature] Month: 01 Day: 19 Year: 07 | | | | |
| 25. Transporter #2: Acknowledgment of Receipt of Materials Printed/Typed Name: Signature: Month: Day Year | | | | |
| 26. Discrepancy Indication Space | | | | |
| 27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in item 19) Printed/Typed Name: Signature: Month: Day Year | | | | |

GENERATOR'S COPY

Figure 7

NON-HAZARDOUS WASTE MANIFEST

0168605

1. Generator's US EPA ID Number: [REDACTED] 2. Page 1 of [REDACTED]

3. Generator Name and Address:
KUMMAN ELECTRIC
161 KUMMAN DR
CRYSTAL SPRINGS, MS 38869

4. Phone: **601 862 8462**

5. Generating Location (if different): [REDACTED]

6. Phone (): [REDACTED]

7. Transporter #1 Company Name: *[Signature]*

8. US EPA ID Number: [REDACTED]

9. Transporter #1's Phone: **601-872-0472**

10. Transporter #2 Company Name: [REDACTED]

11. US EPA ID Number: [REDACTED]

12. Transporter #2's Phone: [REDACTED]

13. Designated TSD Facility Name and Site Address:
BF LITTLE DIXIE LANDFILL
1716 N. COUNTY LINE ROAD
RIDGELAND, MS 38417

14. US EPA ID Number: [REDACTED]

15. Facility's Phone: **800-967-2488**

16. Waste Shipping Name and Description:
SOIL CONTAMINATED WITH PCB
LSB Y8 13664

17. ARIE Waste Approval # and Exp. Date:
EXPIRES: 03/31/2009

| 18. Containers | 19. Total Quantity | 20. Unit Wt/Vol |
|----------------|--------------------|-----------------|
| | | |
| 304P | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

21. Additional Descriptions for Materials Listed Above: [REDACTED]

22. Special Handling Instructions and Other Information:
BILL TO: KUMMAN ELECTRIC **ACCT# 884108** **ATTN: ALAN THOMAS**
101 KUMMAN DRIVE
CRYSTAL SPRINGS, MS 38869

23. GENERATOR'S CERTIFICATION: I certify the materials described on this manifest are not subject to federal regulations for hazardous waste disposal.
 Printed/Typed Name: *Alan Thomas* Signature: *[Signature]*

24. Transporter #1: Acknowledgment of Receipt of Materials
 Printed/Typed Name: *David Williams* Signature: *[Signature]* Month: *12* Day: *19* Year: *08*

25. Transporter #2: Acknowledgment of Receipt of Materials
 Printed/Typed Name: [REDACTED] Signature: [REDACTED] Month: *12* Day: *19* Year: *08*

26. Discrepancy Indication Space: [REDACTED]

27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 16)
 Printed/Typed Name: *North Edwards* Signature: *[Signature]* Month: *12* Day: *19* Year: *08*

T/S/D/FCOPY

Figure 8

APPENDIX I

ENVIRONMENTAL 
MANAGEMENT SERVICES, INC.

November 24, 2008

Mr. Alan Thomas
Kuhlman Electric Corporation
101 Kuhlman Drive
Crystal Springs, Mississippi 39059

Re: Saw-cut Water Recovery, Soil Sampling, and Laboratory Analyses Report
New Tanking Pit and Rail Pit Locations
Crane Bay Area
Kuhlman Electric Corporation
Crystal Springs, Mississippi

Dear Mr. Thomas:

Environmental Management Services, Inc. (EMS) has prepared this report for saw-cut water recovery, soil sampling, and laboratory analyses for the new Tanking Pit and Rail Pit locations in the Crane Bay Area at the Kuhlman Electric Corporation (KEC) facility in Crystal Springs, Mississippi.

On Monday, October 20, 2008, EMS collected six soil samples from three pit locations, prior to excavation, and had the samples analyzed by Micro-Methods Laboratory, Inc., for polychlorinated biphenyls (PCBs) by Environmental Protection Agency (EPA) Method 8082. The sampling protocol, methods, and procedures used complied with the EPA Region IV *Field Branches Quality System and Technical Procedures*, adopted by MDEQ. Drilling services using direct-push and continuous-coring methods were provided by Walker-Hill Environmental, Inc. (WHE). The soil sample locations are shown on Figure 1 - *Soil Sample Locations Tanking and Rail Pits*.

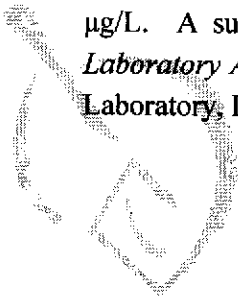
The laboratory analytical results indicated all soil samples contained PCB concentrations of less than 0.1 milligrams per kilogram (mg/kg). One Quality Assurance/Quality Control (QA/QC) sample was collected by pouring de-ionized water over a decontaminated soil sampling tool, labeled "ER-1 Equipment Rinsate". The laboratory analytical results indicated the QA/QC sample contained an acceptable PCB concentration of less than the laboratory reporting limit of 0.010 micrograms per liter ($\mu\text{g/L}$). A summary of the laboratory analytical results is shown on Table 1 - *Pre-Excavation Laboratory Analytical Results*. A copy of the laboratory analytical report from Micro-Methods Laboratory, Inc. is attached

On Friday, October 31, 2008, Master Concrete Cutters II, Inc. saw-cut the concrete along the perimeter of the Tanking Pit and Rail Pit VP-2. Rail Pit VP-1 is to be excavated at a later date. EMS recovered approximately 200 gallons of saw-cut runoff water, consolidated the water in a plastic storage tank for disposal by KEC, and collected a sample for laboratory analysis, labeled SCW.

The saw-cut runoff water sample was analyzed by Micro-Methods Laboratory, Inc. for PCBs using EPA Method 8082. The laboratory analytical results indicated the saw-cut runoff water sample contained a PCB concentration of 39.1 µg/L. A summary of the laboratory analytical results is shown on Table 2 - *Confirmation Laboratory Analytical Results*. A copy of the laboratory analytical report from Micro-Methods Laboratory, Inc. is attached. Selected photographs are attached.

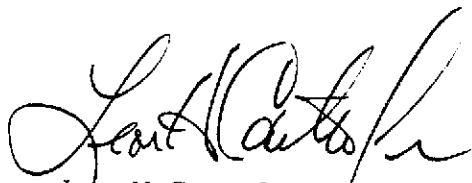
On Saturday, November 1, 2008, WHE excavated the two pit locations and stored the soil in four roll-off boxes for disposal by KEC. EMS collected six confirmation soil samples from the Tanking Pit location, four confirmation soil samples from the Rail Pit VP-2 location, and one composite profile sample from each of the four roll-off boxes containing soil, for a total of fourteen soil samples. The sampling protocol, methods, and procedures used complied with the EPA Region IV *Field Branches Quality System and Technical Procedures*, adopted by MDEQ. The soil sample locations are shown on Figure 1 - *Soil Sample Locations Tanking and Rail Pits*.

Fourteen soil samples were analyzed by Micro-Methods Laboratory, Inc. for PCBs using EPA Method 8082. The laboratory analytical results indicated the PCB concentrations: 1) in the Tanking Pit ranged from 0.002 to 0.348 mg/kg; 2) in the Rail Pit VP-2 ranged from 2.56 to 34.6 mg/kg; and, 3) in the roll-off boxes ranged from 0.019 to 2.06 mg/kg. One QA/QC sample was collected by pouring distilled water over a decontaminated soil sampling tool, labeled "Equipment Rinsate". The laboratory analytical results indicated the Equipment Rinsate sample contained an acceptable PCB concentration of less than the laboratory reporting limit of 0.053 µg/L. One QA/QC sample, a Trip Blank, was collected by Micro-Methods Laboratory, Inc., transported with the sample kit to the site, and returned to the laboratory for analysis for PCBs using EPA Method 8082. The laboratory analytical results indicated the Trip Blank sample contained an acceptable PCB concentration of less than the laboratory reporting limit of 0.051 µg/L. A summary of the laboratory analytical results is shown on Table 2 - *Confirmation Laboratory Analytical Results*. A copy of the laboratory analytical report from Micro-Methods Laboratory, Inc. is attached. Selected photographs are attached.



We appreciate the opportunity to provide these environmental services for you. If you have any questions regarding this report please contact me.

Sincerely,
ENVIRONMENTAL MANAGEMENT SERVICES, INC.



Leon H. Carter, Jr., P.E.
Senior Project Manager

TABLES

Table 1
Pre-Excavation Laboratory Analytical Results

| Pre-Excavation Soil Analytical Results | | | |
|--|------------|--------------|------------------|
| Date | Sample ID | Depth (feet) | PCB-1260 (mg/kg) |
| October 20, 2008 | S1 - (0-4) | 0-4 | 0.003 |
| October 20, 2008 | S1 - (4-8) | 4-8 | <0.001 |
| October 20, 2008 | S2 - (0-4) | 0-4 | 0.019 |
| October 20, 2008 | S2 - (4-8) | 4-8 | 0.002 |
| October 20, 2008 | S3 - (0-4) | 0-4 | 0.008 |
| October 20, 2008 | S4 - (0-4) | 0-4 | 0.038 |

QA/QC Sample

| Date | Sample ID | Matrix | PCBs (µg/L) |
|------------------|--------------------------|--------|-------------|
| October 20, 2008 | ER-1 (Equipment Rinsate) | water | <0.010 |

mg/kg = milligrams per kilogram
µg/L = micrograms per liter

Table 2
Confirmation Laboratory Analytical Results

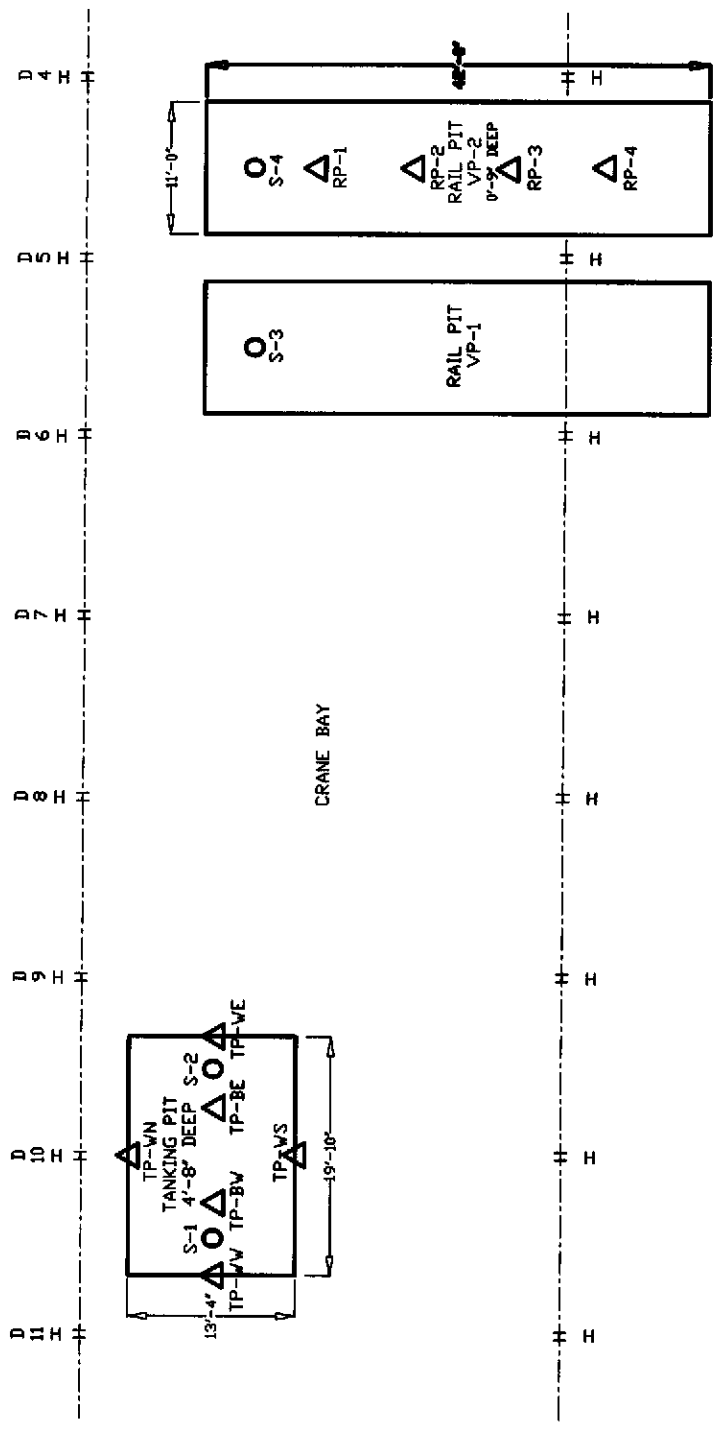
| Confirmation Saw-cut Runoff Water Analytical Results | | |
|--|----------------------------|-------------|
| Date | Sample ID | PCBs (ug/L) |
| October 31, 2008 | SCW (Saw-cut Runoff water) | 39.1 |
| | Matrix | |
| | Water | |

| Confirmation Soil Analytical Results | | | |
|--------------------------------------|----------------|----------------|-----------------|
| Date | Sample ID | Depth (inches) | PCB-1260 (mg/L) |
| November 1, 2008 | TP-BE | 0-6 | 0.138 |
| November 1, 2008 | TP-BW | 0-6 | 0.348 |
| November 1, 2008 | TP-WN | 0-6 | 0.002 |
| November 1, 2008 | TP-WS | 0-6 | 0.032 |
| November 1, 2008 | TP-WE | 0-6 | 0.002 |
| November 1, 2008 | TP-WW | 0-6 | 0.002 |
| November 1, 2008 | RP-1 | 0-6 | 34.6 |
| November 1, 2008 | RP-2 | 0-6 | 26.4 |
| November 1, 2008 | RP-3 | 0-6 | 5.99 |
| November 1, 2008 | RP-4 | 0-6 | 2.56 |
| November 1, 2008 | Roll Off 20010 | NA | 0.426 |
| November 1, 2008 | Roll Off 20028 | NA | 2.06 |
| November 1, 2008 | Roll Off 20038 | NA | 0.056 |
| November 1, 2008 | Roll Off 20084 | NA | 0.019 |

| QA/QC Samples | | |
|------------------|-------------------|-------------|
| Date | Sample ID | PCBs (ug/L) |
| November 1, 2008 | Equipment Rinsate | <0.053 |
| October 30, 2008 | Trip Blank #2697 | <0.051 |
| | Matrix | |
| | Water | |
| | water | |

mg/kg = milligrams per kilogram
 ug/L = micrograms per liter
 TP = Tanking Pit BE = Bottom East WN = Wall North WE = Wall East
 RP = Rail Pit BW = Bottom West WS = Wall South WW = Wall West

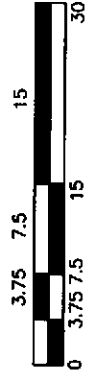
FIGURES



○ = SOIL SAMPLE LOCATION 10-20-08
 S-1

△ = SOIL SAMPLE LOCATION 11-01-08
 RP-1

SCALE 1 INCH = 15 FEET



ENVIRONMENTAL
 MANAGEMENT SERVICES, INC.

SOIL SAMPLE LOCATIONS TANKING AND RAIL PITS
 KUHLMAN ELECTRIC COMPANY
 701 KUHLMAN AVENUE
 CRYSTAL SPRINGS, MISSISSIPPI

| | |
|-------------|-------------|
| PROJECT: | |
| DATE: | 10/20/08 |
| SCALE: | 1" = 15'-0" |
| DRAWN BY: | MS/10/08 |
| CHECKED BY: | |
| DATE: | |
| SCALE: | |
| DRAWN BY: | |
| CHECKED BY: | |
| DATE: | |

LABORATORY ANALYTICAL REPORT
SAMPLES COLLECTED OCTOBER 20, 2008



6500 Sunplex Drive
Ocean Springs, MS 39564
228.875.6420 Phone
228.875.6423 Fax

October 27, 2008

Clyde Woodward

Work Order # : 0810311

Environmental Management Services
PO Box 15369
Hattiesburg, MS 39404-5369
RE: KEC Pit Excavation

Purchase Order # KUH0-08009

Enclosed are the results of analyses for samples received by the laboratory on 10/21/08 09:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Harry P. Howell

President

DISCLAIMER

The results only relate to the items or the sample and/or samples received by the laboratory. This report shall not be reproduced except in full, without the approval of the laboratory.



6500 Sunplex Drive
Ocean Springs, MS 39564
228-875-6420 Phone
228-875-6423 Fax

Environmental Management Services
PO Box 15369
Hattiesburg MS, 39404-5369

Project: KEC Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
10/27/08 13:09

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| S-1 (0-4) | 0810311-01 | Soil | 10/20/08 17:30 | 10/21/08 09:40 |
| S-1 (4-8) | 0810311-02 | Soil | 10/20/08 17:45 | 10/21/08 09:40 |
| S-2(0-4) | 0810311-03 | Soil | 10/20/08 17:05 | 10/21/08 09:40 |
| S-2(4-8) | 0810311-04 | Soil | 10/20/08 17:15 | 10/21/08 09:40 |
| S-3(0-4) | 0810311-05 | Soil | 10/20/08 16:35 | 10/21/08 09:40 |
| S-4(0-4) | 0810311-06 | Soil | 10/20/08 16:15 | 10/21/08 09:40 |
| ER-1 | 0810311-07 | Water | 10/20/08 17:40 | 10/21/08 09:40 |



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PO Box 15369
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Project: KEC Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
10/27/08 13:09

Case Narrative

SAMPLE RECEIVING

Samples received in good condition.
Samples received at recommended range of 2-6° C.
Chain of Custody and container labels agree.
Container labels complete.
Chain of Custody complete.
Received on ice.

Organics
Batch #8J22004

The samples were analyzed within the required holding time. 8082
All target analytes in the lab blank were below the MRL. 8082
The instrument calibration met the acceptance criteria for all reported analytes. 8082
Surrogates within acceptance criteria range except as noted. 8082
Lab control samples within the acceptance criteria range. 8082
Matrix spike samples within the acceptance criteria range except as noted. 8082
Qualifiers: SR-01, M1, E-01, DL-2. See notes and definitons. 8082

Organics
Batch #8J21003

The samples were analyzed within the required holding time. 8082
All target analytes in the lab blank were below the MRL. 8082
The instrument calibration met the acceptance criteria for all reported analytes. 8082
Surrogates within acceptance criteria range except. 8082
Lab control samples within the acceptance criteria range except as noted. 8082
Matrix spike samples within the acceptance criteria range. 8082
Qualifiers: L1. See notes and definitons. 8082



MICRO - METHODS

LABORATORY, INC.

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Environmental Management Services
PO Box 15369
Hattiesburg MS, 39404-5369

Project: KEC Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
10/27/08 13:09

S-1 (0-4)

0810311-01 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|--------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.001 | mg/kg | 1 | 8J22004 | 10/22/08 | 10/24/08 | EPA 8082 | |
| PCB-1221 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1260 | 0.003 | 0.001 | " | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | 54.0 % | 30-129 | | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 41.0 % | 10-118 | | " | " | " | " | |



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| | | |
|---|--|-----------------------------|
| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KEC Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 10/27/08 13:09 |
|---|--|-----------------------------|

S-1 (4-8)
0810311-02 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|--------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.001 | mg/kg | 1 | 8J22004 | 10/22/08 | 10/24/08 | EPA 8082 | |
| PCB-1221 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1260 | ND | 0.001 | " | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | 56.5 % | 30-129 | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 26.5 % | 10-118 | " | " | " | " | " | |



MICRO METHODS

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| | | |
|---|--|------------------------------------|
| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KEC Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 10/27/08 13:09 |
|---|--|------------------------------------|

S-2(0-4)
0810311-03 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

Polychlorinated Biphenyls by EPA Method 8082

DL-2

| | | | | | | | | | |
|---|--------------|-------|---------------|----|---------|----------|----------|----------|-------------|
| PCB-1016 | ND | 0.010 | mg/kg | 10 | 8J22004 | 10/22/08 | 10/24/08 | EPA 8082 | |
| PCB-1221 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1260 | 0.019 | 0.010 | " | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | % | <i>30-129</i> | | " | " | " | " | <i>SR01</i> |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | % | <i>10-118</i> | | " | " | " | " | <i>SR01</i> |



MICRO METHODS

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Environmental Management Services
 PO Box 15369
 Hattiesburg MS, 39404-5369

Project: KEC Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 10/27/08 13:09

S-2(4-8)
0810311-04 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|---------------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.001 | mg/kg | 1 | 8J22004 | 10/22/08 | 10/24/08 | EPA 8082 | |
| PCB-1221 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1260 | 0.002 | 0.001 | " | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | <i>52.0 %</i> | <i>30-129</i> | | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | <i>28.0 %</i> | <i>10-118</i> | | " | " | " | " | |



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| | | |
|---|--|-----------------------------|
| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KEC Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 10/27/08 13:09 |
|---|--|-----------------------------|

S-3(0-4)
0810311-05 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|--------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.001 | mg/kg | 1 | 8J22004 | 10/22/08 | 10/24/08 | EPA 8082 | |
| PCB-1221 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1260 | 0.008 | 0.002 | " | 2 | " | " | " | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | 63.3 % | 30-129 | | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 35.3 % | 10-118 | | " | " | " | " | |



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| | | |
|---|--|-----------------------------|
| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KEC Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 10/27/08 13:09 |
|---|--|-----------------------------|

S-4(0-4)
0810311-06 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.001 | mg/kg | 1 | 8J22004 | 10/22/08 | 10/24/08 | EPA 8082 | |
| PCB-1221 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.001 | " | " | " | " | " | " | |
| PCB-1260 | 0.038 | 0.010 | " | 10 | " | " | " | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | 51.7 % | | 30-129 | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 37.5 % | | 10-118 | " | " | " | " | |



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| | | |
|---|--|-----------------------------|
| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KEC Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 10/27/08 13:09 |
|---|--|-----------------------------|

ER-1
0810311-07 (Water)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|--------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.010 | ug/L | 1 | 8J21003 | 10/21/08 | 10/24/08 | EPA 8082 | |
| PCB-1221 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.010 | " | " | " | " | " | " | |
| PCB-1260 | ND | 0.010 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 16.5 % | 10-118 | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | 63.0 % | 10-129 | " | " | " | " | " | |



MICRO - METHODS

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Environmental Management Services
 PO Box 15369
 Hattiesburg MS, 39404-5369

Project: KEC Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 10/27/08 13:09

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 8J21003 - EPA 3510C

Blank (8J21003-BLK1)

Prepared: 10/21/08 Analyzed: 10/24/08

| | | | | | | | | | | |
|------------------------------------|--------|-------|------|-------|--|------|--------|--|--|--|
| PCB-1016 | ND | 0.010 | ug/L | | | | | | | |
| PCB-1221 | ND | 0.010 | " | | | | | | | |
| PCB-1232 | ND | 0.010 | " | | | | | | | |
| PCB-1242 | ND | 0.010 | " | | | | | | | |
| PCB-1248 | ND | 0.010 | " | | | | | | | |
| PCB-1254 | ND | 0.010 | " | | | | | | | |
| PCB-1260 | ND | 0.010 | " | | | | | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.0600 | | " | 0.200 | | 30.0 | 10-118 | | | |
| Surrogate: Decachlorobiphenyl | 0.135 | | " | 0.200 | | 77.5 | 10-129 | | | |

LCS (8J21003-BS1)

Prepared: 10/21/08 Analyzed: 10/24/08

| | | | | | | | | | | |
|------------------------------------|--------|--|------|--------|--|------|--------|--|--|----|
| PCB-1016 | 0.083 | | ug/L | 0.0500 | | 166 | 47-124 | | | L1 |
| PCB-1260 | 0.054 | | " | 0.0500 | | 108 | 50-150 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.0240 | | " | 0.200 | | 12.0 | 10-118 | | | |
| Surrogate: Decachlorobiphenyl | 0.117 | | " | 0.200 | | 58.5 | 10-129 | | | |

LCS Dup (8J21003-BSD1)

Prepared: 10/21/08 Analyzed: 10/24/08

| | | | | | | | | | | |
|------------------------------------|--------|--|------|--------|--|------|--------|------|----|----|
| PCB-1016 | 0.080 | | ug/L | 0.0500 | | 160 | 47-124 | 3.68 | 45 | L1 |
| PCB-1260 | 0.066 | | " | 0.0500 | | 132 | 50-150 | 20.0 | 45 | |
| Surrogate: Tetrachloro-meta-xylene | 0.0340 | | " | 0.200 | | 17.0 | 10-118 | | | |
| Surrogate: Decachlorobiphenyl | 0.121 | | " | 0.200 | | 60.5 | 10-129 | | | |

Batch 8J22004 - EPA 3550B

Blank (8J22004-BLK1)

Prepared: 10/22/08 Analyzed: 10/24/08

| | | | | | | | | | | |
|------------------------------------|---------|-------|-------|---------|--|------|--------|--|--|--|
| PCB-1016 | ND | 0.001 | mg/kg | | | | | | | |
| PCB-1221 | ND | 0.001 | " | | | | | | | |
| PCB-1232 | ND | 0.001 | " | | | | | | | |
| PCB-1242 | ND | 0.001 | " | | | | | | | |
| PCB-1248 | ND | 0.001 | " | | | | | | | |
| PCB-1254 | ND | 0.001 | " | | | | | | | |
| PCB-1260 | ND | 0.001 | " | | | | | | | |
| Surrogate: Decachlorobiphenyl | 0.00477 | | " | 0.00667 | | 71.5 | 30-129 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.00360 | | " | 0.00667 | | 54.0 | 10-118 | | | |



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 228-875-6420 Phone
 228-875-6423 Fax

Environmental Management Services
 PO Box 15369
 Hattiesburg MS, 39404-5369

Project: KEC Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 10/27/08 13:09

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 8J22004 - EPA 3550B

LCS (8J22004-BS1)

Prepared: 10/22/08 Analyzed: 10/24/08

| | | | | | | | | | | |
|------------------------------------|---------|--|-------|---------|--|------|--------|--|--|--|
| PCB-1016 | 0.002 | | mg/kg | 0.00167 | | 116 | 47-124 | | | |
| PCB-1260 | 0.001 | | " | 0.00167 | | 86.0 | 50-150 | | | |
| Surrogate: Decachlorobiphenyl | 0.00383 | | " | 0.00667 | | 57.5 | 30-129 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.00303 | | " | 0.00667 | | 45.5 | 10-118 | | | |

LCS Dup (8J22004-BS1)

Prepared: 10/22/08 Analyzed: 10/24/08

| | | | | | | | | | | |
|------------------------------------|---------|--|-------|---------|--|------|--------|------|----|--|
| PCB-1016 | 0.002 | | mg/kg | 0.00167 | | 102 | 47-124 | 12.8 | 45 | |
| PCB-1260 | 0.002 | | " | 0.00167 | | 108 | 50-150 | 22.7 | 45 | |
| Surrogate: Decachlorobiphenyl | 0.00490 | | " | 0.00667 | | 73.5 | 30-129 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.00407 | | " | 0.00667 | | 61.0 | 10-118 | | | |

Matrix Spike (8J22004-MS1)

Source: 0810311-02

Prepared: 10/22/08 Analyzed: 10/24/08

| | | | | | | | | | | |
|------------------------------------|---------|--|-------|---------|----|------|--------|--|--|----|
| PCB-1016 | 0.003 | | mg/kg | 0.00165 | ND | 152 | 25-150 | | | M1 |
| PCB-1260 | 0.001 | | " | 0.00165 | ND | 90.0 | 25-150 | | | |
| Surrogate: Decachlorobiphenyl | 0.00366 | | " | 0.00660 | | 55.5 | 30-129 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.00264 | | " | 0.00660 | | 40.0 | 10-118 | | | |

Certified Analyses included in this Report

| Analyte | Certifications |
|--------------------------|----------------|
| EPA 8082 in Water | |
| PCB-1016 | LELAP,NELAP |
| PCB-1221 | LELAP,NELAP |
| PCB-1232 | LELAP,NELAP |
| PCB-1242 | LELAP,NELAP |
| PCB-1248 | LELAP,NELAP |
| PCB-1254 | LELAP,NELAP |
| PCB-1260 | LELAP,NELAP |

| Code | Description | Number | Expires |
|-------|---|--------|------------|
| LELAP | LA Enviro Lab Accreditation Program | 01960 | 06/30/2009 |
| NELAP | National Enviro Lab Accreditation Program | | 06/30/2009 |



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228-875-6423 Fax

Environmental Management Services
PO Box 15369
Hattiesburg MS, 39404-5369

Project: KEC Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
10/27/08 13:09

Notes and Definitions

SR01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.

M1 MS/MSD Recovery limit exceeded.

L1 LCS and/or LCSD Recovery Limit exceeded.

E-01 The concentration for this analyte is above the calibration range of the instrument. Results are from a secondary dilution.

DL-2 Analyzed at a secondary dilution.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

Project Name/No.: KEC pit excavation
 P.O. No.: 1000000000
 Location: Crystal Springs, MS
 Shipping Container ID: KUHO-08009
 Sampler(s): A. Muxam
 Contact Phone No.: (601) 544-3874

Routing Instructions:
 E-mail results to
 Fax results to
 Mail original to:

Hazleeburg, MS, Attn: Clyde Woodward
 El Dorado, AR, Attn:
 Baton Rouge, LA, Attn:

WD 0810311

PCB 8082AN

| Sample Identity | Date | Time | Comp | Grab | Media | No. of Containers | Remarks/Condition upon Receipt |
|-----------------|----------|-------|------|------|--------|-------------------|--------------------------------|
| S-1 (0-4) | 10-20-08 | 17:30 | ✓ | | Soil | 1 | |
| S-1 (4-8) | 10-20-08 | 17:45 | ✓ | | Soil | 1 | |
| S-2 (0-4) | 10-20-08 | 17:05 | ✓ | | Soil | 1 | |
| S-2 (4-8) | 10-20-08 | 17:15 | ✓ | | Soil | 1 | |
| S-3 (0-4) | 10-20-08 | 16:35 | ✓ | | Soil | 1 | |
| S-4 (0-4) | 10-20-08 | 16:05 | ✓ | | Soil | 1 | |
| ER-1 | 10-20-08 | 17:40 | ✓ | | Liquid | 1 | |
| Transporter: | | | | | | Total Containers: | 7 |

SAMPLE TRANSFER (Retain original with samples)

1. Requested by: [Signature] (Name) Received by: Cathy Bussard (Name) 10/21/08 5:40 (Date/Time)
 (Organization) (Organization)
 2. Requested by: (Name) Received by: S. J. Campbell (Name) 5:10 (Date/Time)
 (Organization) (Organization)

LABORATORY ANALYTICAL REPORT
SAMPLES COLLECTED NOVEMBER 1, 2008



6500 Sunplex Drive
Ocean Springs, MS 39564
228.875.6420 Phone
228.875.6423 Fax

November 20, 2008

Clyde Woodward

Work Order # : 0811026

Environmental Management Services

PO Box 15369

Hattiesburg, MS 39404-5369

RE: KUHO-08-011 Pit Excavation

Purchase Order #

Enclosed are the results of analyses for samples received by the laboratory on 11/03/08 16:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Harry P. Howell".

Harry P. Howell

President

DISCLAIMER

The results only relate to the items or the sample and/or samples received by the laboratory. This report shall not be reproduced except in full, without the approval of the laboratory.



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 Ocean Springs, MS 39564
 228-875-6420 Phone
 228-875-6423 Fax

| | | |
|---|--|-----------------------------|
| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KUHO-08-011 Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 11/20/08 10:54 |
|---|--|-----------------------------|

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|--------------------------|---------------|--------|----------------|----------------|
| TP-BE-Soil | 0811026-01 | Soil | 11/01/08 19:10 | 11/03/08 16:10 |
| TP-BW-Soil | 0811026-02 | Soil | 11/01/08 19:03 | 11/03/08 16:10 |
| TP-WN-Soil | 0811026-03 | Soil | 11/01/08 18:00 | 11/03/08 16:10 |
| TP-WS-Soil | 0811026-04 | Soil | 11/01/08 19:00 | 11/03/08 16:10 |
| TP-WE-Soil | 0811026-05 | Soil | 11/01/08 18:45 | 11/03/08 16:10 |
| TP-WW-Soil | 0811026-06 | Soil | 11/01/08 18:50 | 11/03/08 16:10 |
| RP-1-SOIL | 0811026-07 | Soil | 11/01/08 20:10 | 11/03/08 16:10 |
| RP-2-SOIL | 0811026-08 | Soil | 11/01/08 20:00 | 11/03/08 16:10 |
| RP-3-SOIL | 0811026-09 | Soil | 11/01/08 19:50 | 11/03/08 16:10 |
| RP-4-SOIL | 0811026-10 | Soil | 11/01/08 19:45 | 11/03/08 16:10 |
| ROLL OFF 20010-SOIL | 0811026-11 | Soil | 11/01/08 17:30 | 11/03/08 16:10 |
| ROLL OFF 20028-SOIL | 0811026-12 | Soil | 11/01/08 18:39 | 11/03/08 16:10 |
| ROLL OFF 20038-SOIL | 0811026-13 | Soil | 11/01/08 14:00 | 11/03/08 16:10 |
| ROLL OFF 20084-SOIL | 0811026-14 | Soil | 11/01/08 17:50 | 11/03/08 16:10 |
| SCW- SAW-CUT WATER-WATER | 0811026-15 | Water | 11/01/08 18:30 | 11/03/08 16:10 |
| EQUIPMENT RINSATE-WATER | 0811026-16 | Water | 11/01/08 19:15 | 11/03/08 16:10 |
| TRIP BLANK #2697-WATER | 0811026-17 | Water | 11/01/08 18:00 | 11/03/08 16:10 |



MICRO METHODS

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Environmental Management Services
PO Box 15369
Hattiesburg MS, 39404-5369

Project: KUHO-08-011 Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
11/20/08 10:54

Case Narrative

SAMPLE RECEIVING

Samples received in good condition.
Samples received at 7.7 °C. Recommended range is 2-6° C.
Chain of Custody and container labels agree.
Container labels complete.
Chain of Custody complete.
Received on ice.

Organics - PCB
Batch #8K11002 & 8K07003

The sample(s) were analyzed within the required holding time. 8082
All target analytes in the lab blank were below the MRL. 8082
The instrument calibration met the acceptance criteria for all reported analytes. 8082
All surrogates were within the acceptance criteria range except as noted. 8082
Lab control sample(s) within the acceptance criteria range. 8082
Matrix spike sample(s) within acceptance criteria range except as noted. 8082
Qualifiers: DL-2, E-01, SR-01, SR-15, M1, M2, M5. See notes and definitions. 8082



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| | | |
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| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KUHO-08-011 Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 11/20/08 10:54 |
|---|--|-----------------------------|

TP-BE-Soil
0811026-01 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.050 | mg/kg | 10 | 8K11002 | 11/11/08 | 11/11/08 | EPA 8082 | |
| PCB-1221 | ND | 0.500 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.500 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.500 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.500 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.500 | " | " | " | " | " | " | |
| PCB-1260 | 0.138 | 0.020 | " | 40 | " | " | 11/12/08 | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | 56.0 % | | 30-129 | " | " | 11/11/08 | " | SR14 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 56.5 % | | 10-118 | " | " | " | " | SR14 |



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 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 11/20/08 10:54

TP-BW-Soil
0811026-02 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

Polychlorinated Biphenyls by EPA Method 8082

DL-2

| | | | | | | | | | |
|---|--------------|--------|-------|--------|---------|----------|----------|----------|------|
| PCB-1016 | ND | 0.050 | mg/kg | 10 | 8K11002 | 11/11/08 | 11/11/08 | EPA 8082 | |
| PCB-1221 | ND | 0.499 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.499 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.499 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.499 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.499 | " | " | " | " | " | " | |
| PCB-1260 | 0.348 | 0.050 | " | 100 | " | " | 11/12/08 | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | 45.5 % | | 30-129 | " | " | 11/11/08 | " | SR14 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 44.5 % | | 10-118 | " | " | " | " | SR14 |



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|---|--|-----------------------------|

TP-WN-Soil
0811026-03 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.005 | mg/kg | 1 | 8K11002 | 11/11/08 | 11/11/08 | EPA 8082 | |
| PCB-1221 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1260 | 0.002 | 0.0005 | " | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | 57.6 % | | 30-129 | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 52.3 % | | 10-118 | " | " | " | " | |



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|---|--|-----------------------------|

TP-WS-Soil
0811026-04 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.005 | mg/kg | 1 | 8K11002 | 11/11/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1260 | 0.032 | 0.005 | " | 10 | " | " | 11/12/08 | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | 44.0 % | | 30-129 | " | " | 11/12/08 | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 44.1 % | | 10-118 | " | " | " | " | |



MICRO-METHODS

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|---|--|-----------------------------|

TP-WE-Soil
0811026-05 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | |
|---|--------------|--------|-------|--------|---------|----------|----------|----------|--|
| PCB-1016 | ND | 0.005 | mg/kg | 1 | 8K11002 | 11/11/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1260 | 0.002 | 0.0005 | " | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | 59.1 % | | 30-129 | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 51.1 % | | 10-118 | " | " | " | " | |



MICRO - METHODS

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Project: KUHO-08-011 Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
11/20/08 10:54

TP-WW-Soil 0811026-06 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|---------------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.005 | mg/kg | 1 | 8K11002 | 11/11/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1260 | 0.002 | 0.0005 | " | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | <i>55.4 %</i> | <i>30-129</i> | | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | <i>49.8 %</i> | <i>10-118</i> | | " | " | " | " | |



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|---|--|-----------------------------|

RP-1-SOIL
0811026-07 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.495 | mg/kg | 100 | 8K11002 | 11/11/08 | 11/11/08 | EPA 8082 | |
| PCB-1221 | ND | 4.95 | " | " | " | " | " | " | |
| PCB-1232 | ND | 4.95 | " | " | " | " | " | " | |
| PCB-1242 | ND | 4.95 | " | " | " | " | " | " | |
| PCB-1248 | ND | 4.95 | " | " | " | " | " | " | |
| PCB-1254 | ND | 4.95 | " | " | " | " | " | " | |
| PCB-1260 | 34.6 | 4.95 | " | 10000 | " | " | 11/12/08 | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | % | | 30-129 | " | " | 11/11/08 | " | SR01 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | % | | 10-118 | " | " | " | " | SR01 |



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Project: KUHO-08-011 Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 11/20/08 10:54

RP-2-SOIL
0811026-08 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.500 | mg/kg | 100 | 8K11002 | 11/11/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 5.00 | " | " | " | " | " | " | |
| PCB-1232 | ND | 5.00 | " | " | " | " | " | " | |
| PCB-1242 | ND | 5.00 | " | " | " | " | " | " | |
| PCB-1248 | ND | 5.00 | " | " | " | " | " | " | |
| PCB-1254 | ND | 5.00 | " | " | " | " | " | " | |
| PCB-1260 | 26.4 | 5.00 | " | 10000 | " | " | 11/14/08 | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | % | | 30-129 | " | " | 11/12/08 | " | SR01 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | % | | 10-118 | " | " | " | " | SR01 |



MICRO - METHODS

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Project: KUHO-08-011 Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
11/20/08 10:54

RP-3-SOIL 0811026-09 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.497 | mg/kg | 100 | 8K11002 | 11/11/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 4.97 | " | " | " | " | " | " | |
| PCB-1232 | ND | 4.97 | " | " | " | " | " | " | |
| PCB-1242 | ND | 4.97 | " | " | " | " | " | " | |
| PCB-1248 | ND | 4.97 | " | " | " | " | " | " | |
| PCB-1254 | ND | 4.97 | " | " | " | " | " | " | |
| PCB-1260 | 5.99 | 0.994 | " | 2000 | " | " | 11/14/08 | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | % | | 30-129 | " | " | 11/12/08 | " | SR01 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | % | | 10-118 | " | " | " | " | SR01 |



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|---|--|-----------------------------|

RP-4-SOIL
0811026-10 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.499 | mg/kg | 100 | 8K11002 | 11/11/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 4.99 | " | " | " | " | " | " | |
| PCB-1232 | ND | 4.99 | " | " | " | " | " | " | |
| PCB-1242 | ND | 4.99 | " | " | " | " | " | " | |
| PCB-1248 | ND | 4.99 | " | " | " | " | " | " | |
| PCB-1254 | ND | 4.99 | " | " | " | " | " | " | |
| PCB-1260 | 2.56 | 0.499 | " | 1000 | " | " | 11/14/08 | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | % | | 30-129 | " | " | 11/12/08 | " | SR01 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | % | | 10-118 | " | " | " | " | SR01 |



MICRO-METHODS

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Project: KUHO-08-011 Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 11/20/08 10:54

ROLL OFF 20010-SOIL
0811026-11 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.005 | mg/kg | 1 | 8K11002 | 11/11/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.050 | " | " | " | " | " | " | |
| PCB-1260 | 0.426 | 0.050 | " | 100 | " | " | " | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | 41.1 % | | 30-129 | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 34.9 % | | 10-118 | " | " | " | " | |



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Project: KUHO-08-011 Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 11/20/08 10:54

ROLL OFF 20028-SOIL
0811026-12 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-------------|-----------------|---------------|----------|---------|----------|-----------------|----------|-------------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.498 | mg/kg | 100 | 8K11002 | 11/11/08 | 11/11/08 | EPA 8082 | |
| PCB-1221 | ND | 4.98 | " | " | " | " | " | " | |
| PCB-1232 | ND | 4.98 | " | " | " | " | " | " | |
| PCB-1242 | ND | 4.98 | " | " | " | " | " | " | |
| PCB-1248 | ND | 4.98 | " | " | " | " | " | " | |
| PCB-1254 | ND | 4.98 | " | " | " | " | " | " | |
| PCB-1260 | 2.06 | 0.498 | " | 1000 | " | " | 11/12/08 | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | % | <i>30-129</i> | " | " | " | <i>11/11/08</i> | " | <i>SR01</i> |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | % | <i>10-118</i> | " | " | " | " | " | <i>SR01</i> |



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Project: KUHO-08-011 Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 11/20/08 10:54

ROLL OFF 20038-SOIL
0811026-13 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|--------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.100 | mg/kg | 20 | 8K11002 | 11/11/08 | 11/14/08 | EPA 8082 | |
| PCB-1221 | ND | 0.998 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.998 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.998 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.998 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.998 | " | " | " | " | " | " | |
| PCB-1260 | 0.056 | 0.010 | " | " | " | " | " | " | E-01 |
| <i>Surrogate: Decachlorobiphenyl</i> | | % | 30-129 | " | " | " | " | " | SR01 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | % | 10-118 | " | " | " | " | " | SR01 |



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Project: KUHO-08-011 Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 11/20/08 10:54

ROLL OFF 20084-SOIL
0811026-14 (Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.025 | mg/kg | 5 | 8K11002 | 11/11/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 0.250 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.250 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.250 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.250 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.250 | " | " | " | " | " | " | |
| PCB-1260 | 0.019 | 0.002 | " | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | 57.5 % | | 30-129 | " | " | " | " | SR14 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 53.5 % | | 10-118 | " | " | " | " | SR14 |

DL-2



MICRO METHODS

LABORATORY, INC.

6500 Sunplex Drive
Ocean Springs, MS 39564
228-875-6420 Phone
228-875-6423 Fax

Environmental Management Services
PO Box 15369
Hattiesburg MS, 39404-5369

Project: KUHO-08-011 Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
11/20/08 10:54

SCW- SAW-CUT WATER-WATER 0811026-15 (Water)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-------------|-----------------|-------|---------------|---------|----------|----------|----------|-------------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 57.5 | ug/L | 100 | 8K07003 | 11/07/08 | 11/14/08 | EPA 8082 | |
| PCB-1221 | ND | 57.5 | " | " | " | " | " | " | |
| PCB-1232 | ND | 57.5 | " | " | " | " | " | " | |
| PCB-1242 | ND | 57.5 | " | " | " | " | " | " | |
| PCB-1248 | ND | 57.5 | " | " | " | " | " | " | |
| PCB-1254 | ND | 57.5 | " | " | " | " | " | " | |
| PCB-1260 | 39.1 | 28.7 | " | 500 | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | % | | <i>10-118</i> | " | " | " | " | <i>SR01</i> |
| <i>Surrogate: Decachlorobiphenyl</i> | | % | | <i>10-129</i> | " | " | " | " | <i>SR01</i> |

DL-2



6500 Sunplex Drive
 Ocean Springs, MS 39564
 228-875-6420 Phone
 228-875-6423 Fax

| | | |
|---|--|-----------------------------|
| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KUHO-08-011 Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 11/20/08 10:54 |
|---|--|-----------------------------|

EQUIPMENT RINSATE-WATER
0811026-16 (Water)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.529 | ug/L | 1 | 8K07003 | 11/07/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 0.529 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.529 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.529 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.529 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.529 | " | " | " | " | " | " | |
| PCB-1260 | ND | 0.053 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 36.2 % | | 10-118 | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | 47.0 % | | 10-129 | " | " | " | " | |



MICRO METHODS

L A B O R A T O R Y, I N C .

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Ocean Springs, MS 39564
228-875-6420 Phone
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Environmental Management Services
PO Box 15369
Hattiesburg MS, 39404-5369

Project: KUHO-08-011 Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
11/20/08 10:54

TRIP BLANK #2697-WATER 0811026-17 (Water)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Method 8082 | | | | | | | | | |
| PCB-1016 | ND | 0.508 | ug/L | 1 | 8K07003 | 11/07/08 | 11/12/08 | EPA 8082 | |
| PCB-1221 | ND | 0.508 | " | " | " | " | " | " | |
| PCB-1232 | ND | 0.508 | " | " | " | " | " | " | |
| PCB-1242 | ND | 0.508 | " | " | " | " | " | " | |
| PCB-1248 | ND | 0.508 | " | " | " | " | " | " | |
| PCB-1254 | ND | 0.508 | " | " | " | " | " | " | |
| PCB-1260 | ND | 0.051 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | 18.2 % | | 10-118 | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | 35.9 % | | 10-129 | " | " | " | " | |



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| | | |
|---|--|-----------------------------|
| Environmental Management Services PO Box 15369 Hattiesburg MS, 39404-5369 | Project: KUHO-08-011 Pit Excavation Project Number: [none] Project Manager: Clyde Woodward | Reported: 11/20/08 10:54 |
|---|--|-----------------------------|

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 8K07003 - EPA 3510C

Blank (8K07003-BLK1)

Prepared: 11/07/08 Analyzed: 11/18/08

| | | | | | | | | | | |
|------------------------------------|-------|-------|------|-------|--|------|--------|--|--|--|
| PCB-1016 | ND | 0.500 | ug/L | | | | | | | |
| PCB-1221 | ND | 0.500 | " | | | | | | | |
| PCB-1232 | ND | 0.500 | " | | | | | | | |
| PCB-1242 | ND | 0.500 | " | | | | | | | |
| PCB-1248 | ND | 0.500 | " | | | | | | | |
| PCB-1254 | ND | 0.500 | " | | | | | | | |
| PCB-1260 | ND | 0.050 | " | | | | | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.142 | | " | 0.200 | | 70.8 | 10-118 | | | |
| Surrogate: Decachlorobiphenyl | 0.196 | | " | 0.200 | | 97.8 | 10-129 | | | |

LCS (8K07003-BS1)

Prepared: 11/07/08 Analyzed: 11/18/08

| | | | | | | | | | | |
|------------------------------------|-------|-------|------|--------|--|------|--------|--|--|--|
| PCB-1016 | 0.038 | 0.500 | ug/L | 0.0500 | | 76.0 | 47-124 | | | |
| PCB-1260 | 0.032 | 0.050 | " | 0.0500 | | 64.0 | 50-150 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.151 | | " | 0.200 | | 75.7 | 10-118 | | | |
| Surrogate: Decachlorobiphenyl | 0.174 | | " | 0.200 | | 87.0 | 10-129 | | | |

LCS Dup (8K07003-BSD1)

Prepared: 11/07/08 Analyzed: 11/18/08

| | | | | | | | | | | |
|------------------------------------|-------|-------|------|--------|--|------|--------|------|----|--|
| PCB-1016 | 0.035 | 0.500 | ug/L | 0.0500 | | 70.0 | 47-124 | 8.22 | 45 | |
| PCB-1260 | 0.032 | 0.050 | " | 0.0500 | | 64.0 | 50-150 | 0.00 | 45 | |
| Surrogate: Tetrachloro-meta-xylene | 0.156 | | " | 0.200 | | 78.2 | 10-118 | | | |
| Surrogate: Decachlorobiphenyl | 0.176 | | " | 0.200 | | 88.0 | 10-129 | | | |

Batch 8K11002 - EPA 3550B

Blank (8K11002-BLK1)

Prepared: 11/11/08 Analyzed: 11/14/08

| | | | | | | | | | | |
|------------------------------------|---------|--------|-------|---------|--|------|--------|--|--|--|
| PCB-1016 | ND | 0.005 | mg/kg | | | | | | | |
| PCB-1221 | ND | 0.050 | " | | | | | | | |
| PCB-1232 | ND | 0.050 | " | | | | | | | |
| PCB-1242 | ND | 0.050 | " | | | | | | | |
| PCB-1248 | ND | 0.050 | " | | | | | | | |
| PCB-1254 | ND | 0.050 | " | | | | | | | |
| PCB-1260 | ND | 0.0005 | " | | | | | | | |
| Surrogate: Decachlorobiphenyl | 0.00386 | | " | 0.00667 | | 57.9 | 30-129 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.00355 | | " | 0.00667 | | 53.3 | 10-118 | | | |



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 228-875-6420 Phone
 228-875-6423 Fax

Environmental Management Services
 PO Box 15369
 Hattiesburg MS, 39404-5369

Project: KUHO-08-011 Pit Excavation
 Project Number: [none]
 Project Manager: Clyde Woodward

Reported:
 11/20/08 10:54

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 8K11002 - EPA 3550B

LCS (8K11002-BS1)

Prepared: 11/11/08 Analyzed: 11/12/08

| | | | | | | | | | | |
|------------------------------------|---------|--|-------|---------|--|------|--------|--|--|--|
| PCB-1016 | 0.001 | | mg/kg | 0.00167 | | 72.6 | 47-124 | | | |
| PCB-1260 | 0.001 | | " | 0.00167 | | 71.8 | 50-150 | | | |
| Surrogate: Decachlorobiphenyl | 0.00339 | | " | 0.00667 | | 50.8 | 30-129 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.00370 | | " | 0.00667 | | 55.5 | 10-118 | | | |

LCS Dup (8K11002-BSD1)

Prepared: 11/11/08 Analyzed: 11/12/08

| | | | | | | | | | | |
|------------------------------------|---------|--|-------|---------|--|------|--------|------|----|--|
| PCB-1016 | 0.001 | | mg/kg | 0.00167 | | 82.4 | 47-124 | 12.6 | 45 | |
| PCB-1260 | 0.001 | | " | 0.00167 | | 74.2 | 50-150 | 3.29 | 45 | |
| Surrogate: Decachlorobiphenyl | 0.00340 | | " | 0.00667 | | 51.0 | 30-129 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.00322 | | " | 0.00667 | | 48.3 | 10-118 | | | |

Matrix Spike (8K11002-MS1)

Source: 0811026-01

Prepared: 11/11/08 Analyzed: 11/12/08

| | | | | | | | | | | |
|------------------------------------|---------|--|-------|---------|-------|------|--------|--|--|--------|
| PCB-1016 | 0.003 | | mg/kg | 0.00166 | ND | 158 | 25-150 | | | M1 |
| PCB-1260 | 0.056 | | " | 0.00166 | 0.138 | NR | 25-150 | | | M2, M5 |
| Surrogate: Decachlorobiphenyl | 0.00349 | | " | 0.00665 | | 52.6 | 30-129 | | | |
| Surrogate: Tetrachloro-meta-xylene | 0.00349 | | " | 0.00665 | | 52.5 | 10-118 | | | |

Certified Analyses included in this Report

| Analyte | Certifications |
|--------------------------|----------------|
| EPA 8082 in Water | |
| PCB-1016 | LELAP,NELAP |
| PCB-1221 | LELAP,NELAP |
| PCB-1232 | LELAP,NELAP |
| PCB-1242 | LELAP,NELAP |
| PCB-1248 | LELAP,NELAP |
| PCB-1254 | LELAP,NELAP |
| PCB-1260 | LELAP,NELAP |

| Code | Description | Number | Expires |
|-------|---|--------|------------|
| LELAP | LA Enviro Lab Accreditation Program | 01960 | 06/30/2009 |
| NELAP | National Enviro Lab Accreditation Program | | 06/30/2009 |



6500 Sunplex Drive
Ocean Springs, MS 39564
228-875-6420 Phone
228-875-6423 Fax

Environmental Management Services
PO Box 15369
Hattiesburg MS, 39404-5369

Project: KUHO-08-011 Pit Excavation
Project Number: [none]
Project Manager: Clyde Woodward

Reported:
11/20/08 10:54

Notes and Definitions

- SRI4 Surrogate concentrations are below instrument calibration range due to sample dilution. Surrogate recoveries are estimated values due to dilution factors being applied to estimated concentration.
- SR01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
- M5 Spike amounts should be in the range of 1 to 5 times the background level when a sample contains the target parameter in order to effectively evaluate spike recoveries. Batch acceptance is based on LCS/LCSD recoveries.
- M2 MS/MSD Recovery below acceptable limit.
- M1 MS/MSD Recovery limit exceeded.
- E-01 The concentration for this analyte is above the calibration range of the instrument. Results are from a secondary dilution.
- DL-2 Analyzed at a secondary dilution.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference

Micro-Methods Lab, Inc.
 6900 Sumpster Drive, Ocean Springs, MS 39564
 Ph: 228-875-6420 • Fax: 228-875-6423

Chain of Custody / Analysis Request Form
 Print ALL Information. Put N/A in blanks not applicable

Field #1: 11/13/08 Tech: DDB Time: 11/10/10
 Field Temperature: 7.7°C Temp: 11/10/10
 Sample Receipt Temperature:

REPORT RESULTS TO:
 Company: EMS
 Name: CLYDE WOODWARD
 Address: P.O. Box 15369
 City: HATTIESBURG MS 38404
 State: MS
 ZIP: 38404
 TEL: 601-544-3674 FAX: 601-544-9504
 Sampled by: (Signature) *Alan H. Carter, Jr.*
 (Print) Alan H. Carter, Jr.

SEND INVOICE TO:
 Company: KUNLUND
 Name: ALAN THOMAS
 Address: 101 KUNLUND DRIVE
 City: CRYSTAL SPRINGS
 State: MS
 ZIP: 39059
 TEL: 601-872-6442 FAX: 601-872-6476
 Project Name: KUHO-08-011 AT ENCANTON

TURNAROUND TIME
 Date Results needed by:
 Standard turnaround time is 10 working days
 The following turnaround times require lab approval:
 7-10 days 72 Hrs 48 Hrs
 24 Hrs Approved by:

Date of Sample Shipment:
 List Test Needed:

| For Lab Use Only | Station Location / Sample ID | DATE | TIME | C O M P | G R A B | CONTAINERS |
|------------------|------------------------------|-------|------|---------|---------|------------|
| 1. | W00811026 | 11/08 | 1910 | ✓ | ✓ | 1 |
| 2. | TP-BE - SOIL | 11/08 | 1903 | ✓ | ✓ | 1 |
| 3. | TP-BW - SOIL | 11/08 | 1800 | ✓ | ✓ | 1 |
| 4. | TP-WN - SOIL | 11/08 | 1900 | ✓ | ✓ | 1 |
| 5. | TP-WF - SOIL | 11/08 | 1845 | ✓ | ✓ | 1 |
| 6. | TP-MW - SOIL | 11/08 | 1850 | ✓ | ✓ | 1 |
| 7. | RP-1 - SOIL | 11/08 | 2010 | ✓ | ✓ | 1 |
| 8. | RP-2 - SOIL | 11/08 | 2000 | ✓ | ✓ | 1 |
| 9. | RP-3 - SOIL | 11/08 | 1950 | ✓ | ✓ | 1 |
| 10. | RP-4 - SOIL | 11/08 | 1945 | ✓ | ✓ | 1 |

Failed to complete shaded areas will hinder processing of samples.

Received By Signature: *Alan H. Carter, Jr.* Date & Time Received: 11/08/2008
 Printed Name: Alan H. Carter, Jr.
 Received By Signature: *Christina Williams* Date & Time Received: 11/3/08 1030
 Printed Name: Christina Williams
 Received By Signature: *Gene Brown* Date & Time Received: 11/3/08 1140
 Printed Name: Gene Brown

Please indicate reporting requirements:
 1. Metals Only (GFA Level I)
 2. Metals & OC (GFA Level II)
 3. Metals, OC and Bar Data (GFA Level III)

Micro-Methods Lab, Inc.
 6540 Samples Drive, Ocean Springs, MS 39564
 Ph: 228-875-6428 • Fax: 228-875-6423

REPORT RESULTS TO:
 Company: **FMS**
 Name: **CLYDE WOODWARD**
 Address: **P.O. Box 15369**
HATTIESBURG
 State: **MS** ZIP: **39404**
 TEL: **601-544-3674** FAX: **601-544-0504**
 Sampled by: (Signature)

SEND INVOICE TO:
 Company: **KUHLMAN** PO#: _____
 Name: **ALAN THOMAS**
 Address: **101 KUHLMAN DR.**
CITY CRYSTAL SPRINGS
 State: **MS** ZIP: **39059**
 TEL: **601-832-6900** FAX: **601-832-6476**
 Project Name: **KUHO-08-OIL PIT EXCAV**
 Date of Sample Shipment: _____

Chain of Custody / Analysis Request Form
 Print ALL Information. Put N/A in blanks not applicable

Field pH: **113108** Tech: **08B** Time: **1610**
 Field Temperature: _____
 Inset: **Free** No **7.70C** Tempatic
 Sample Receipt Temperature: _____

TURNAROUND TIME
 Date Results needed by: _____
 Standard turnaround time is 10 working days
 The following turnaround times require lab approval:
 7-10 days 72 Hrs 48 Hrs
 24 Hrs Approved by _____

Failure to complete shaded areas will hinder processing of samples.

| For Lab Use Only Sample Number | Station Location / Sample ID | DATE | TIME | Sampling | | List Test Needed |
|-----------------------------------|------------------------------|----------|------|----------|---------|------------------|
| | | | | C O M P | G R A B | |
| | WO 0811026 | | | | | |
| 1. | ROLL OFF 20010 -SOIL | 11/10/08 | 1730 | ✓ | ✓ | |
| 2. | ROLL OFF 20028 -SOIL | 11/10/08 | 1839 | ✓ | ✓ | |
| 3. | ROLL OFF 20038 -SOIL | 11/10/08 | 1900 | ✓ | ✓ | |
| 4. | ROLL OFF 20084 -SOIL | 11/10/08 | 1750 | ✓ | ✓ | |
| 5. | SCH - SAN-OIL WATER - WATER | 11/10/08 | 1830 | ✓ | ✓ | |
| 6. | EQUIPMENT RINSEWTR - WATER | 11/10/08 | 1905 | ✓ | ✓ | |
| 7. | TRAP BLACK #2697 - WATER | 11/10/08 | — | ✓ | ✓ | |
| 8. | | | | | | |
| 9. | | | | | | |
| 10. | | | | | | |

Received By: (Signature) Date & Time Received: _____
 Printed Name: **LEON H. CARTER JR.** 11/10/08 2020
 Date & Time Released: _____
 Printed Name: **CLYDE WOODWARD** 11/3/08 1030
 Date & Time Received: _____
 Printed Name: **CLYDE WOODWARD** 11/3/08 1030
 Date & Time Released: _____
 Printed Name: **CLYDE WOODWARD** 11/3/08 1610
 Date & Time Received: _____
 Printed Name: **CLYDE WOODWARD** 11/3/08 1610

Please indicate reporting requirements:
 C.L. Results Only (EPA Level I)
 Metals & OC (EPA Level II)
 2. Metals, OC and Barium (EPA Level III)

PHOTOGRAPHS



PHOTO 1 SAW-CUTTING CONCRETE AND RECOVERING RUN-OFF WATER.



PHOTO 2 CONSOLIDATING RUN-OFF WATER.

| | | |
|---|----------|--------------------------|
| SITE PHOTOGRAPHS | | |
| TANKING PIT EXCAVATION - CRANE BAY KUHLMAN ELECTRIC COMPANY 101 KUHLMAN DRIVE CRYSTAL SPRINGS, MISSISSIPPI | | |
| DATE: | 11/24/08 | APPROVED: |
| SCALE: | N.T.S. | BY: _____ DATE: _____ |
| | | DRAWN BY: PDM |
| | | PROJECT NO. KUHO-08-01 |
| ENVIRONMENTAL MANAGEMENT SERVICES, INC. | | |

