

Tel: (601) 892-6462

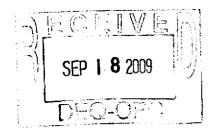
Fax: (601) 892-6476

Email: athomas a kuhlman.com

101 Kuhhnan Drive • Crystal Springs, Mississippi 39059 Website: www.kuldman.com Power Transformers Instrument Transformers Distribution Transformers

September 17, 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 impacted soil and concrete to a) repair a floor in the Winding Department, b) construct a pit to recess supporting rails for transporting loads to the Vapor Phase manufacturing process, and c) to recess a drip pan in the concrete floor of the Assembly Department in the Kuhlman Electric facility in Crystal Springs, MS. Figure 1 illustrates the approximate locations inside the Crystal Springs facility. Figures 2-4 illustrate the area following construction.

KEC completed the three projects in July of 2009. The Winding Department floor repair is the subject of the March 23, 2009 letter to MDEQ, the Vapor Phase Rail Pit is Phase II of the letter of September 23, 2008 and the Assembly Department Drip Pan is the subject of the letter of July 1, 2009.

Walker Hill Environmental was contracted to excavate the soil and concrete for all three areas. Walker Hill was selected because they have completed several environmental projects competently at the KEC site in past years.

Soil and concrete was removed to covered roll-offs. Composite samples of each of the roll-offs were taken. Analysis (found in Micro Methods report in Appendix I) for PCB concentration was completed on the composites. Analysis showed that Arochlor 1260 was present in the soil at concentrations less than 10 mg/kg.

Work to remove the soil was conducted during a plant shutdown when the plant 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 5 thru 11 inclusive.

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

Alan Thomas

Sincere

Maintenance Manager

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

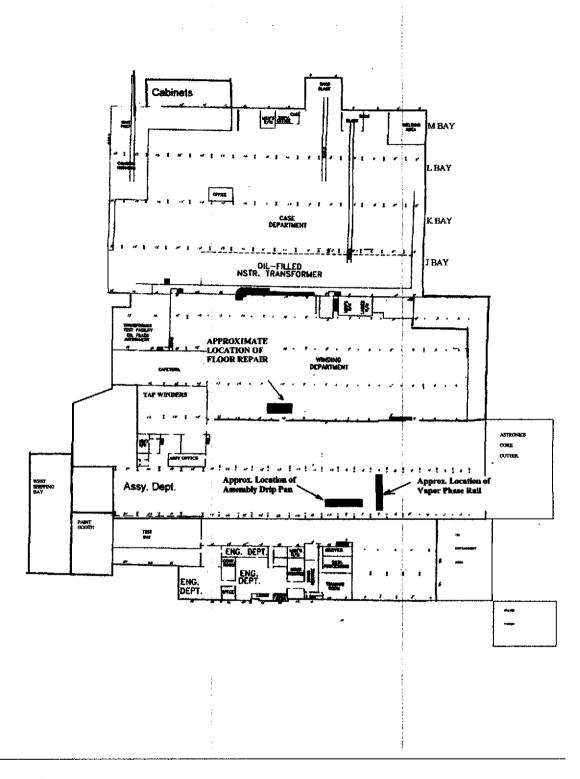
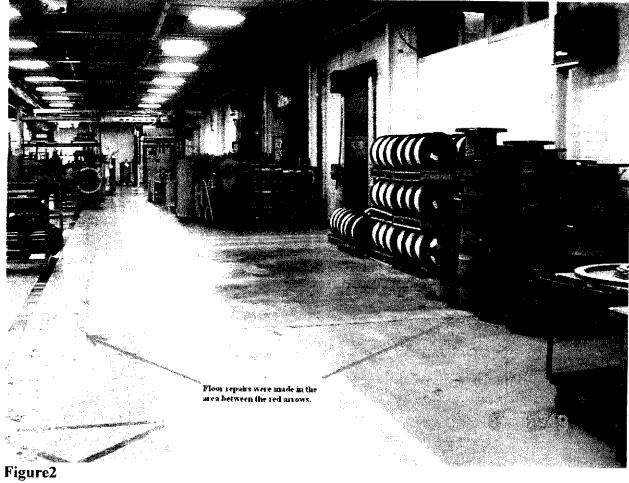


Figure 1



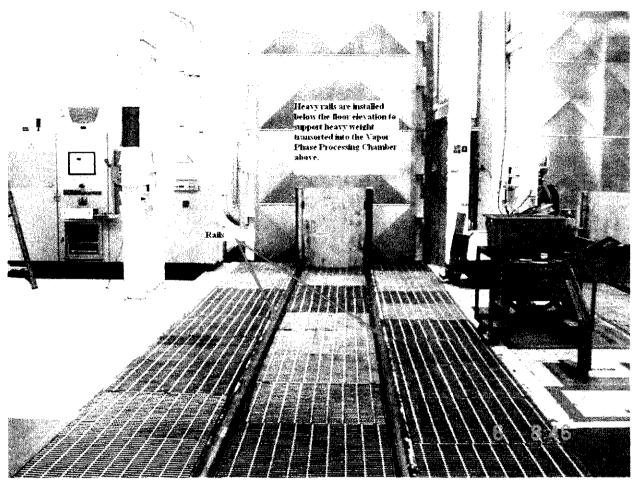


Figure 3

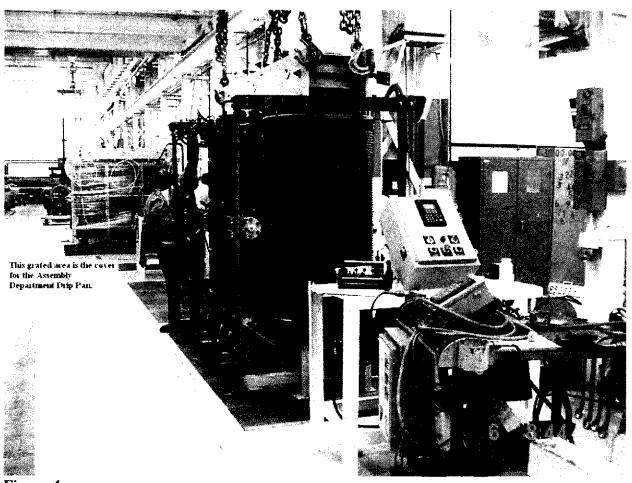


Figure 4

| •   |                                  |   |                        | 09272  | 34                                    |
|---|----------------------------------|---|------------------------|--|---------------------------------------|
|   | NON-HAZAR                        | DOUG WHETE MANIFEST                             |                        |  |                                       |
| 1. Generator's US EPA ID NUMBER   | Manifest Document Number         | 2. Page 1 of<br>5. Generating Location (if diff | oracii)                | ELECTRIC CO  | <b>RP</b>                             |
| 3. Generator's Name and Melling Address KERKLINAN IELECTICS 461 KERKLINAN DR  |                                  |   | SH' d'Mant Tradicion   | To-company of the company of the com |                                       |
| CHYSTAL SPRINGS   | NRE 39859                        | 8. Phone ( )                                    | 9. Trensporter         | 171's Phone  | 2204                                  |
| STEVE Keat  | Truking                          | 11. US EPA ID Number                            | 12. Transport          | er #2% Prione  |                                       |
| 10. Transportating Company Name   | n. Address                       | 14. US EPA ID Number                            | 15. Facility's         |  |                                       |
| 17.18 N COUNTY  | INE KU                           |   | 91                     | 01 982 9488  |                                       |
| PERCELAND, MS   | 39157                            | 17. Alted Weste Approval if and Exp. De         |                        | Quartery   | 20, Unit<br>WAYoi                     |
| 16. Weste Shipping Name and Description   |                                  | ·   | No.                    | Туре   |                                       |
| SOB AND CONCES  | THE WITH PCH                     |   |                        |  |                                       |
| b. L-38 YR 9169   |                                  | EXPIRES 12/31/2009                              |                        |  |                                       |
| Q.  |                                  |   |                        |  |                                       |
| d.  |                                  |   |                        |  | *                                     |
| 21. Additional Descriptions for Meserials   | Listed Above                     |   |                        |  |                                       |
| ACCEPTANCE OF THE PARTY OF THE |                                  | ·   | ÷                      |  | e e                                   |
| 22. Special Handling Instructions and   | Additional Information           | C CORP ACCTS 661                                | 109 ATTI               | N: AL THOM   | A.S.                                  |
| ROLL OFF  | 180035K                          | 0 <b>7</b>                                      |                        |  | - Killer                              |
| 30. GRIEFAROUTS CHRYSTICATION   | I couldy the materials described |   | ergator reportific pro | conflicted of Headdow  | Month Day                             |
| A Trimporter 61: Administration   | Day of Receipt of Hasterlan      | - A beef  |                        |  | , Month , Day ,                       |
| Printed Typed Name  | 71601175                         | Signeture                                       | )                      | · ·  |                                       |
| 26. Transporter 82: Acknowledgeme Printed/Typed Name  | A PRODUCT MICHIGAN               | Signature Karlana                               | Man                    | <i>u</i>   | 16 AU                                 |
| 28. Siscrepancy Indication Space  | fooy                             |   |                        |  |                                       |
| 27. Pacifity Owner or Operator: Co  | reflection of reputps of weeks   | materials covered by this marufact (except      | an noted in North      | 19)  | · · · · · · · · · · · · · · · · · · · |
|   |                                  | Signature                                       |                        | . 1  | Month Day                             |
| Prissed/Typad Nerve   | ·                                |   |                        |  | . l . i l                             |
|   |                                  | GENERATOR'S COPY                                |                        |  |                                       |

Figure 5

| ٠,         | <b>.</b>   |                    | AV   | 7<br>•   | y.,             |                                 |                       | •                  |
|------------|--|--------------------|--|--|-----------------|---------------------------------|-----------------------|--------------------|
|            | i  | NON-HAZA           | MIN BUCCH                                    | STE MANIFES  |                 |                                 | 0927                  | 235                |
|            | 1. Generator's US SPA ID Humber Marifina   | Document Number    | 2. Page 1 of                                 | the state of the s |                 |                                 |                       |                    |
|            | 3. Generator's Name and Malling Address KERHEJMAN BLECTRIC COR 181 KURLEMAN DR CRYSTAL SPRINGS, MS 4. Phone ( )  |                    | 6. PF  | nerating Localion (If dill<br>none ( )   | KUHL.           |                                 | LECTRIC C             | ORP                |
|            | 7. Transporter #1 Company Name  TEVE Kent True  10. Transporter #2 Company Name  | king               | B. US EPAID NU<br>LAR 6006<br>11. US EPAID N | 6374B8   | 1-8             | porter #11<br>77><br>eporter #2 | <u>330-6</u>          | 1304               |
|            | 19. Designand TARD Parallelland and St. Address<br>UT116 DIVIDE LANDFILL<br>1716 N COUNTY LINE RE<br>RIDGELAND, MS 29157                                       | <b>)</b>           | 14, US EPA ID N                              | uriber   | 15. Fac         | RO1 9                           | 62 9486<br>***        |                    |
|            | 16. Weste Shipping Name and Description  |                    | 17. Alled Wasts Ag                           | provel if and Exp. Date  | 18. Cont<br>No. | Type                            | 19. Total<br>Quentity | 20. Unit<br>WI/Val |
|            | BOIL AND CONCRETE WITH   | PCB                |  |  |                 |                                 |                       |                    |
| Į.         | L-35 Yế 8189   |                    | EXPIRES 1                                    | 2/31/2009  |                 |                                 |                       | ·c. ·              |
|            | <u> </u>   |                    |  |  |                 |                                 |                       |                    |
|            | d.   |                    |  |  |                 |                                 |                       |                    |
|            | 21. Additional Descriptions for Materials Listed Abova   |                    |  |  |                 | , ,                             |                       |                    |
| 4          | 22. Special Handing Instructions and Additional Information SILL TO: KUHLMAN EL  BILL TO: KUHLMAN EL  BILL OFF-RB- 23. SERMATOR'S CHARGE I carely the material | ECTRIC C<br>-D325  | 304  | }  | ATTI            | Y: AL                           | THOMAS                |                    |
| U          | Privated/Typed Name  14. Av. Transporter \$1: Advisoidadgement of Receipt of M.  | MAS                | Signature                                    | X / -  | bougud hud      | er disposal                     | of Hammedous Wises    | a.<br>Day Year     |
|            | Printed/Typed Name  ALVIY  ONA  36. Transport Hill: Advantedgament of Receipt of B   | bioriala           | Signature K                                  | lu   | ro              | ,                               | Ö                     | 10101              |
| 7          | Printed/Typed Neme  8. Discrepancy Indication Space  |                    | Signature                                    |  |                 | ;                               | Mon                   | Day   Year         |
| 711254 000 | 17. Passifity Owner or Operator: Certification of receipt  | of watte materials | •  | militant (second) as noted i   | n Nem 191       |                                 |                       |                    |
|            | ** g.  |                    | Signature                                    |  |                 |                                 | . Adores              | Day Year           |
|            |  | GEN                | ERATOR'S C                                   | OPV  |                 |                                 |                       |                    |
|            |  |                    |  | <del>-</del> · • ]   |                 |                                 |                       |                    |

Figure 6

|  |  | AV.  |                 |              |  | , ,                |
|--|--|--|-----------------|--------------|--|--------------------|
|  | MONHAZA  | ROOUS WASTE MANUFES                                  | Т               |              | 09272  | 36                 |
|  | deciliest Document Number  |  | ui-a            |              |  |                    |
| 1. Generalizars us princip residen   |  |  | been the        |              |  | _                  |
| 3. Generator's Name and Mailing Address [CLEANING STREET, 1985]  | COMP   | 5. Generating Location (If di                        | K (144)         |              | LECTRIC CO                                       |                    |
| 191 KUNLMAN DF   |  |  |                 |              | . 134  | ij                 |
| CRYSTAL SPRINGS  | NAS 3985#  | Product I A  | 417             | - <i>31</i>  | 0 * 0×=0   | /                  |
| 4. Phone ( )<br>7. Branspirer #1 Camplery Name   | the second second  | 6. US EPA ID Number .                                | 9. Thans        | porter #14   | Phone  |                    |
|  |  |  |                 | eporter #5   |  |                    |
| 10. Transporter at Company Name  |  | 11. US EPA ID Nurriber                               | 12. Telen       | eponsi w     | (6 PILLING                                       |                    |
| 40. On the same Will Conflict House, and Silver  | Address  | 14. US EPA ID Number                                 | 16. Faci        | ity's Phor   | 10   |                    |
| 19. Designation Table Service Column   |  |  | 1               | 801 9        | 182 9480   |                    |
| 1716 N COUNTY UI<br>RIDGELAND, NS 31   |  |  | 1               |              | •  |                    |
|  |  | 17, Allied Wisete Approval # and Exp. Det            | 16. Conf        |              | T19, Total                                       | 20, Unit           |
| 16. Waste Shipping Name and Description  |  | 17. Veleti Allena Albirotet & eng solv nem           | No.             | TV           | Quertity   | Wt/Vol             |
| I.   |  |  | 1               | 1            | 7  | 7                  |
| SOM AND CONCRETE   | 15/4/3/10 (0/10)   |  | 1               |              | 1  | Į.                 |
|  | . 2011111 30   |  | <b></b>         | <del> </del> | <del>                                     </del> | -                  |
| b.<br>L-38 YB 8168   |  | EXPIRES 12/31/2009                                   |                 |              | ,  | 1                  |
|  |  |  |                 | <u> </u>     | ļ  |                    |
| Q  |  |  | -               | l            | 1  |                    |
|  |  |  |                 |              |  | 1                  |
| d.   |  |  | T               |              |  | 1                  |
|  | Torres.  |  |                 | ]            |  | j.                 |
| 21. Additional Descriptions for Materials List   | ed Above   |  |                 | <u></u>      |  | <u> </u>           |
|  | سب دیر   |  |                 |              |  |                    |
|  | RT   |  |                 |              |  |                    |
| 22. Special Handling Instructions and Additional Communications and Communicatio | enal Information   |  |                 |              | and a second dist                                |                    |
| BILL TO: KUHLM   | AN ELECTRIC  | CORP ACCT# 85110                                     | 9 ATT           | N. AL        | THOMAS   | i                  |
| Dall 12 - 2  | RT251  | И  | <b>-</b> .      |              | ie z   |                    |
| 29. GENERATOR'S CERTIFICATION: 1000  | By the materials described on (  | this manifest are not subject to jedensi regulatione | loy reporting p | oper dispos  |  |                    |
| Printed/Typed Name // / /  | 401115   | Signeture  |                 |              | <u>,                                    </u>     | al'd               |
| 24. Togodyulpur Pil. Adenosti aguspura ol l<br>Promiti Sad Idrili  | invested of literarists  | A Succession   | 9/              |              |  |                    |
| Principle Control  |  | Signature  |                 |              | 1**  | oneth Day          |
| 25. Transporter \$8: Acknowledgement of F  | socipt of Materials  |  |                 | <del></del>  |  | <del>-   -  </del> |
| Printed/Typed Name   |  | Signature  |                 |              | 1 **   | onth Day           |
| 26. Obcrepancy indication Space  |  |  | ;               |              | <u>_</u>   |                    |
| •  | A CONTRACTOR OF THE PARTY OF TH |  |                 |              |  |                    |
| 27. Feelity Curser or Operator: Cartification  | n of receipt of weets mate   | whats covered by this manifest (accept as no         | and in Hem      | 19)          |  |                    |
|  | -  | , ,,   |                 | •            |  |                    |
| Printed/Typed Name   |  | Signature  |                 |              | , 44   | onin, Day          |
| <u> </u>   | <u> </u>   |  |                 |              | المستفعدات المسا                                 |                    |
|  | G  | ENERATOR'S COPY                                      | V.              |              |  |                    |
|  |  |  |                 |              |  |                    |

Figure 7

|  | AYA.   | *                         |                                      |
|--|--|---------------------------|--------------------------------------|
| NON-HAZ  | ARDOUG WASTE MANIFES                             |                           | 0927237                              |
| 1, Generator's US EPA IO Number Mentinet Document Numb   | er 2, Page 1 of                                  |                           |                                      |
| 3. Generator's Name and Malling Address KUNN, RIAM ELECTRIC CORF 101 KUNN, RIAM DIP CRYSTAL SPRINGS, MINESPESS | Generating Location (if diff     B. Phone ( )    | breit)<br>Klaine Marcel ( | ELECTRIC CORP                        |
| 4. Phone ( )   | 8. US EPAID Number                               | 8. Transporter #          | t's Phone                            |
| 7. Transporter 81 Company Name  STEVE K. J. Tiveking  10. Transporter 82 Company Name                          | 11. US EPA ID Number                             | 12. Transporter           | 7-336-2364<br>HZE Phone              |
|  |  | 15. Facility's Ph         | 774                                  |
| 13. DOME LARDELL.<br>1716 N COUNTY LINE RD<br>RIDGELAND, MS 39157  | 14. US EPA ID Number                             |                           | 982 9488                             |
| 16. Weste Shipping Name and Description  | 17. Allied Wests Approval # and Exp. Date        | 18. Conteiners            | 19. Total 20. Unit<br>Guentity Wevol |
|  |  | No. Type                  |                                      |
| SON AND CONFREIT WITH ICT  |  |                           | 25 yds                               |
| L-38 Yế 9168   | EXPIRES 12/31/2009                               |                           |                                      |
| G.   |  |                           |                                      |
| d.   |  |                           |                                      |
| 21. Additional Descriptions for Materials Littled Above  |  |                           |                                      |
| 22. Special Handling Instructions and Additional Information BILL TO: KUH-LIMAN ELECTRY  ROLL OF F *** RS-     |  | G ATTN: A                 | AL THOMAS                            |
| 23. GENERATOR'S CERTIFICATION: I settly the materials described  |  | fyr reporting proper de   | posal of Hazardous Wests.            |
| Printed Typed Name  1  | Straken  | garlen materials          | 147 314                              |
| Printed/Typed Heres  25. Transpartinglit: Asinowindgement of pracetys of Materials                             | Signature A                                      | ray                       | W 250                                |
| Printed/Typed Name   | Signature  |                           | . Month Day Ye                       |
| 28. Chicrepancy Indication Space   |  |                           |                                      |
| 27. Facility Owner or Operator: Curification of mostpt of waste n  | meterials covered by this manifest (see but as a | oleci in Hern 19)         | :                                    |
| Printed Typed Name   | Signature  |                           | Month Day Ye                         |
|  | GENERATOR'S COPY                                 |                           |                                      |

Figure 8

|  | ·                            | AV                  | •                       |              |                   | •                     |             |
|--|------------------------------|---------------------|-------------------------|--------------|-------------------|-----------------------|-------------|
|  |                              |                     | STE MANNE               | IT .         |                   | 0927                  | 238         |
| 1. Generator's US EPA ID Number  | Manifest Document Numbe      | r 2. Page 1 of      |                         |              |                   | Market in Market      |             |
| 3. Generator's Name and Melling Address ACLINGLIBAN BLIDCTH 191 KEHLMAN DR CRYSTAL SPRINGS 4. Phone ( )                                  | M. CUMP                      |                     | meraling Lecelish (If d |              | man e             | LECTRIC C             | OPP         |
| 7. Transporter #1 Company Name   |                              | O. US EPA ID NU     |                         |              | eporter #1°       |                       |             |
| 10. Transporter #2 Company Name  | Temkory                      | 11. US EPAID N      | 14 37 4/W               |              | naporiar #5       | 3 V) - 2              | <b>9</b> 64 |
| 17. Designation of the Country L<br>1716 N COUNTY L<br>RIDGELAND, MS 3   | ME RD                        | 14. US EPA (D NA    | mber                    | 15. Fac      | Mys Phon<br>601 9 | 62 <del>946</del> 8   |             |
| 16. Wests Shipping Harne and Description   |                              | 17. Alifed Waste Ap | provel # and Exp. Date  | 18. Cont     | Type              | 19. Total<br>Quantity | 20. Unit    |
| a.  SOIL AND CONCRY T  b.  | F WITH PCD                   |                     |                         |              |                   | 25                    | ارتغا       |
| L-38 Y9 9100   |                              | EXPIRES 1           | 2/31/2009               |              |                   | ·                     | 7.8         |
| e.   |                              |                     |                         |              |                   |                       |             |
| d.   |                              | _                   |                         |              |                   |                       | _           |
| 21. Additional Guacriptions for Meterials Lieb   |                              |                     |                         | <u> </u>     | <u> </u>          |                       |             |
| 2. Special Handling traductions and Addison BHLL TO: KUHLING BHLL TO: KUHLING BHLL TO: KUHLING BHLL TO: KUHLING BHLL TO: BUTCH TO: 10478 | MT 25                        |                     | a property by           |              |                   | THOMAS                |             |
| Inted/Typed Name<br>#1.0 v 77  | Var. de                      | Signature           |                         | showing buds | a debose c        | Afon                  | h, Dev      |
| <ol> <li>Prereporter #1: Admonissipament of Re</li> </ol>  | colpt of Materials           |                     |                         |              | ·                 |                       | انح         |
| Whited/Typed Name  |                              | Signature V         | 1. 11.                  |              |                   | Mani                  |             |
| . Transporter III: Admontedgement of the   | ceipt of Materials           |                     | 44 574                  | oy           |                   | 7                     | 10.         |
|  |                              |                     |                         |              |                   |                       |             |
| Inted/Typed Name   | and the second               | Signature           |                         |              |                   | Afone                 | h, Day ,    |
| . Discrepancy Indication Space   |                              |                     |                         |              | ;                 | Mont                  | Day j       |
|  | of receipt of waste material |                     | West (encops) so noted  | in Nem 18)   | **** }            | Afore                 | ) Serv      |

Figure 9

|  | ROOVS WASTE MANUFACT  |                 |            | 19272                 | 39           |
|--|---|-----------------|------------|-----------------------|--------------|
|  |   | in el           |            |                       |              |
| Generator's US EPA to Humber   |   | nant)           |            |                       |              |
| Generator's Name and Mailing Address FUNDAM ELECTRIC CORF 181 KUNI MAN OR CRYSTAL SPRINGS, 1884, 29959   | 6. Phone ( )  |                 |            | ECTRIC CO             |              |
| , Phone ( )  | To us do. to the larger   | 9. Transpor     | ter #1's   | Phone                 | N.U          |
| STEVE KINT Trucking  | LAR0000 37:108  | 12. Transp      | 7- 3       | 30-25                 | <u> </u>     |
| 10, Transporter #2 Company Name  | 11. US EPA ID Number  | 12. 11          | ·          |                       |              |
| ·  | 14, US EPA ID Number  | 16. Facility    | /s Phone   |                       | -            |
| 1716 N COUNTY LINE RD<br>RIDGELAND, MS 39157   |   |                 | 601 W      | 82 9488<br>           |              |
|  | 17. Alfied Waste Approvel # and Exp. Date                                   | 18. Conte       | 2018       | 19, Total<br>Quantity | 20. Unit     |
| 18. Waste Shipping Name and Description  |   | No.             | Type       | - Committy            | <del> </del> |
| SOIL AND CONCRETE WITE PCD   |   |                 |            | 25                    | yd5          |
| L-38 Y9 9189   | EXPIRES 12/31/2009  |                 |            |                       | <u> </u>     |
| e.   |   |                 | -<br> <br> |                       |              |
| d.   |   |                 |            |                       |              |
| 21. Additional Descriptions for Materials Listed Above   |   |                 |            |                       | . <u> </u>   |
| 22. Special Handling Instructions and Additional Information BILL TO: KUHILMAN ELECTRIS  | -2504   |                 |            | AMONT A               |              |
|  | on this manifest are not subject to fishing regulation                      | for regionary p |            |                       | Atopia, Page |
| 23. CONSTRUCTOR'S CONTENCATION: I carrily the motivate described   | Signature   |                 |            |                       | 9 6          |
| 23. COMMUNICATION CONTINUES Locally to maintain described Printed/Typed Name 4144 Thomas   |   |                 |            | <u></u>               | 86           |
| 23. CONSTRUCTIVE CONTINUES I willy to make a described Printed/Typed Name  All The Alexander St. Adjusted garners of Receipt of Materials  |   | <u> </u>        |            |                       | 86           |
| 23. COMMUNICATION CONTINUES Locally to maintain described Printed/Typed Name 4144 Thomas   |   | Dra             | 2          |                       | 7 03         |
| 23. GENERATOR'S CERTIFICATION: Learly to maintain described Printed/Typed Name  24. Wasseparter \$1: Acknowledgement of Receipt of Materials Printed/Typed Name  25. Transporting \$2: Acknowledgement of Receipt of Materials  26. Transporting \$2: Acknowledgement of Receipt of Materials  | Signatura   | J roj           | 1          |                       | 8 6<br>19 05 |
| 23. GENERATOR'S CERTIFICATION: Learly to maintain described Printed/Typed Name  24. Wasseparter \$1: Acknowledgement of Receipt of Materials Printed/Typed Name  25. Transporting \$2: Acknowledgement of Receipt of Materials  26. Transporting \$2: Acknowledgement of Receipt of Materials  |   | Drag            | 2          |                       |              |
| 23. Generalized Control Control Lordy to mente described Printed Typed Name  24. Verseporter 81: Actinostedgement of Receipt of Materials Printed Typed Community Control Cont | Signature / Line  | Dry             | 7          |                       |              |
| 23. @MIRATION & CERTIFICATION: I carely to mounts described Printed/Typed Name  24. Virgumperior #1: Adienosiscigament of Receipt of Materials Printed/Typed Name  25. Presepting/Rt: Adienosiscigament of Receipt of Materials Printed/Typed Name  26. Discrepancy indication Space  27. Presity Overeer or Operation: Certification of receipt of weets of the control of th | Signature Signature Signature materials covered by this manifest (except se | Dry             | 19)        |                       |              |
| 23. General Control Co | Signature / Line  | Dry             | 19)        | 1                     |              |

Figure 10

|  | AV.  |                          |                       | •              |
|--|--|--------------------------|-----------------------|----------------|
| 1. Generator's US GPA ID Number / Manther Dogs   | HAZARDOUS WASTE MAJER  | PAT ME                   |                       |                |
| 3. Generator's Name and Heling Address   | R Number 2. Page 1 of  |                          | DOS                   | 7 <b>2</b> 4 U |
| 191 KUHLMAN DR   | 5. Generaling Location (I  | (Charant)                | f electivic           | *******        |
|  | 1 .  |                          |                       | ملافقات مر     |
| 7. Travaporter #1 Company Name   | G. Phone ( )   |                          |                       |                |
| 10. This porter #2 Company Name  | 8. US EPA ID Number  | 9. Transporter           | #1's Phone            |                |
|  | 11. US BA BANK 3744  | 12. Transporter          | - 241                 | 22 2.1         |
| 13. Contract THE PRINT TO SHAPE  |  | 12. Transporter          | IR's Phone            | 130 A          |
| 1718 N COUNTY LINE RO  | 14, US EPA ID Number   | 16. Facility's Ph        |                       |                |
| RIDGELAND, MS 3915?  | ·  | 1                        |                       |                |
| 16. Wisels Shipping Name and Description   | 1  | 601                      | 982 <b>94</b> 08      |                |
| Discription  | 17. Alled Wests Approval # and Exp. Dets   | <u></u>                  | •                     |                |
|  | TO THE PART DOLL   | , , , , , , , ,          | 19. Total<br>Quantity | 20. Unit       |
| BOTH 1 PM CO   |  | No. Type                 | - CANADA              | MINO           |
| SOIL AND CONCRETE WITH PCH   |  | 1 1                      |                       |                |
| L-38 Y9 9189   |  |                          | 25                    | 1 w.L          |
| · A & 600  | EXPIRES 12/31/2008   |                          |                       | 1 1/2/2        |
| а.   | The second secon |                          |                       | ]              |
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| d  |  | 1 1                      |                       | 1              |
|  |  |                          |                       |                |
|  | 1  | 1 T                      |                       |                |
| 21. Additional Descriptions for Materials Listed Above   |  |                          | ĺ                     |                |
| <del>-</del>   | <i>,</i> ,   |                          |                       |                |
|  |  |                          |                       | ••             |
| 2 Secretal Management  | <u> </u>   |                          |                       |                |
| 22. Special Handling Instructions and Additional Information BILL TO: KUHLMAN ELECTRIC   | raes kass  |                          |                       |                |
| and the same and t | - ATT ASSETS SSTICE  | ATTN: ALT                | HOMAS                 | ı              |
| BOLLDEF DY   | 2510   |                          |                       | 1              |
|  | the manifest are not exhibit to redered regulations for repo   | rling proper disposal of |                       |                |
| HAND THOMAS  | Signature  |                          | ) week                | Day Year       |
| . Transporter #1: Administration of Receipt of Materials   |  |                          |                       |                |
| Wited/Typed Neprey   | Signature  | Sa.                      | , leboute             | Day , Year     |
| Transporter #2: Transporter of Parcels of Nationals  | - believe  | Joen -                   | 8                     | 05/04          |
| Nad/Typed Name   | Signature  | -                        | , Month .             |                |
|  |  |                          |                       | Day Year       |
| . Discrepancy indicators Space   |  |                          |                       |                |
|  |  |                          |                       |                |
| Puellity Owner or Operator: Cartification of receipt of weets mater  | als covered by this manifest (except as noted in it  | em 10)                   |                       |                |
|  |  |                          |                       |                |
| insoffyped Name  | Signature  |                          | , Month ,             | Day Year       |
|  |  |                          | <u> </u>              |                |
| Œ  | NERATOR'S COPY   |                          |                       |                |
| ,-4^   | WENAIUR'S CUPY   |                          |                       |                |

Figure 11

# APPENDIX I



August 27, 2009

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

Re: Concrete Cutting Soil, Water, and Air Sampling Kuhlman Electric Corporation

Crystal Springs, Mississippi

#### Dear Mr. Thomas:

Environmental Management Services, Inc. (EMS) has prepared this report for a round of soil, water, and air sampling associated with three floor cutting events at the Kuhlman Electric Corporation (KEC) facility in Crystal Springs, Mississippi. Cut #1 was located in the southern portion of the Winding Department, Cut #2 was located in front of the Core Department Supervisor's Office, and Cut #3 was located in front of the Vapor Phase Unit in the Core Department. The locations of the three cuts are shown on Figure 1.

Six soil samples and one water sample were collected on July 6, 2009 and July 20, 2009 by EMS. The samples were analyzed by Micro-Methods Laboratory, Inc. for Polychlorinated Biphenyls (PCBs) by Environmental Protection Agency (EPA) Method 8082. Additionally, three air samples were collected during the excavation of the concrete slab and analyzed by EMSL Analytical by EPA Compendium TO-15. The air samples were collected using specially-prepared summa canisters. The sample locations are shown on Figure 2.

Seven of the soil samples were collected from the containers storing the soil, one soil sample was collected from the cutting solids, and the water sample was collected from water used as a cooling agent/lubricant during the cutting process. All of the soil samples and the cutting solid sample contained detectable levels of PCB-1260. Three of the soil samples (05 Cutting Solids, 11 RB-022510), and 12 RB-0324304) exceeded the Mississippi Department of Environmental Quality's (MDIS) Tier 1 Target Remedial Goals (TRGs) for unrestricted soils of 1.0 milligrams per kilogram (pp/kg). The water sample obtained from the cutting water did not exhibit any

concentrations of PCBs above their respective reporting limit. The analytical results are included in Table 1, and a copy of the laboratory analytical report is included as Attachment 1.

The laboratory analytical results indicated all air samples contained VOC concentration above their respective reporting limit. The samples did not exceed the Occupational Safety and Health Administration's (OSHA) or the National Institute for Occupational Safety and Health's (NIOSH) standards for the compounds analyzed. The analytical results are included in Table 2, and a copy of the laboratory analytical report is included as Attachment 2.

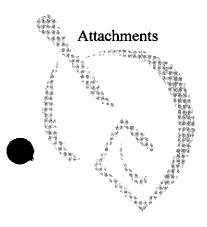
In addition to the previously mentioned sampling and analysis, the air in the immediate work area was monitored using a photo ionization detector (PID), a flame ionization detector (FID), and a four gas meter. The FID and PID monitors did not detect any exceedingly high readings during the cutting and excavation. The four gas meter detected a high carbon monoxide (CO) reading of 37 parts per million (ppm) at Cut #1 following the concrete cutting. This elevated reading was determined to be due to the operation of diesel equipment in the vicinity. It was noted that the levels dropped to the 0-12 ppm range shortly after the elevated reading was taken. Another elevated CO reading of 33 ppm was detected with the four gas meter at Cut #3. The elevated reading was believed to be caused by equipment exhaust. The readings from these monitors are listed in the field notes that are included as Attachment 3.

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

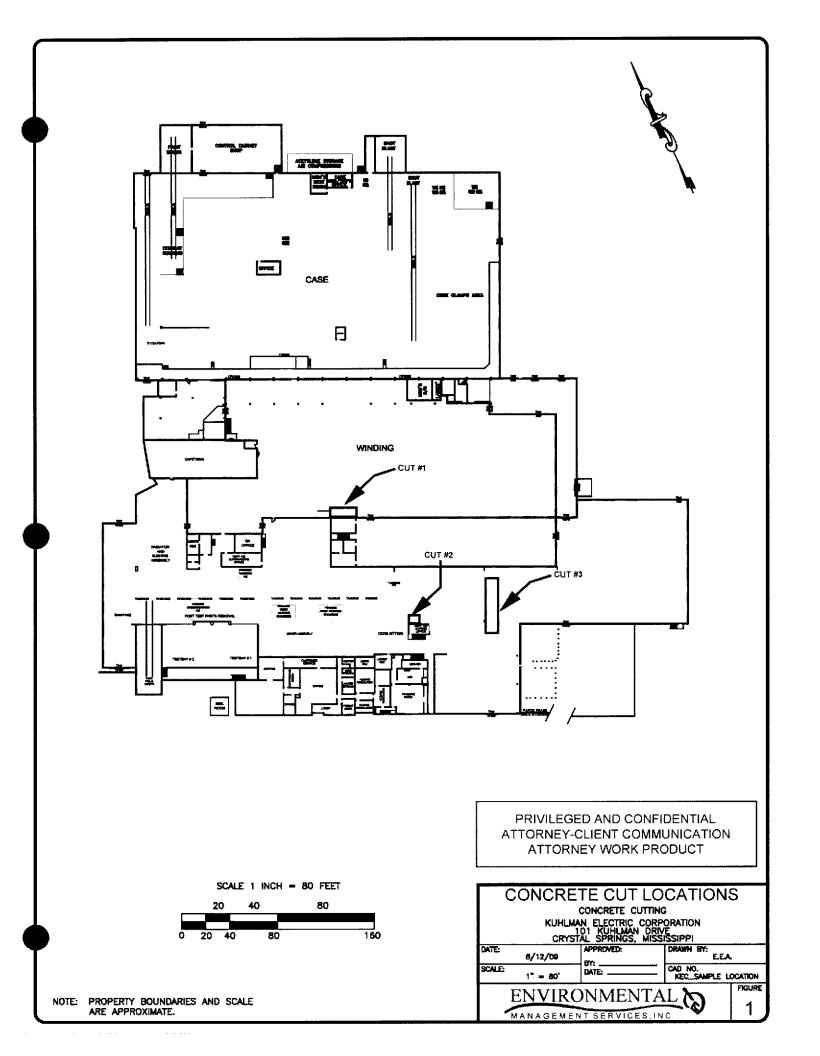
Sincerely,

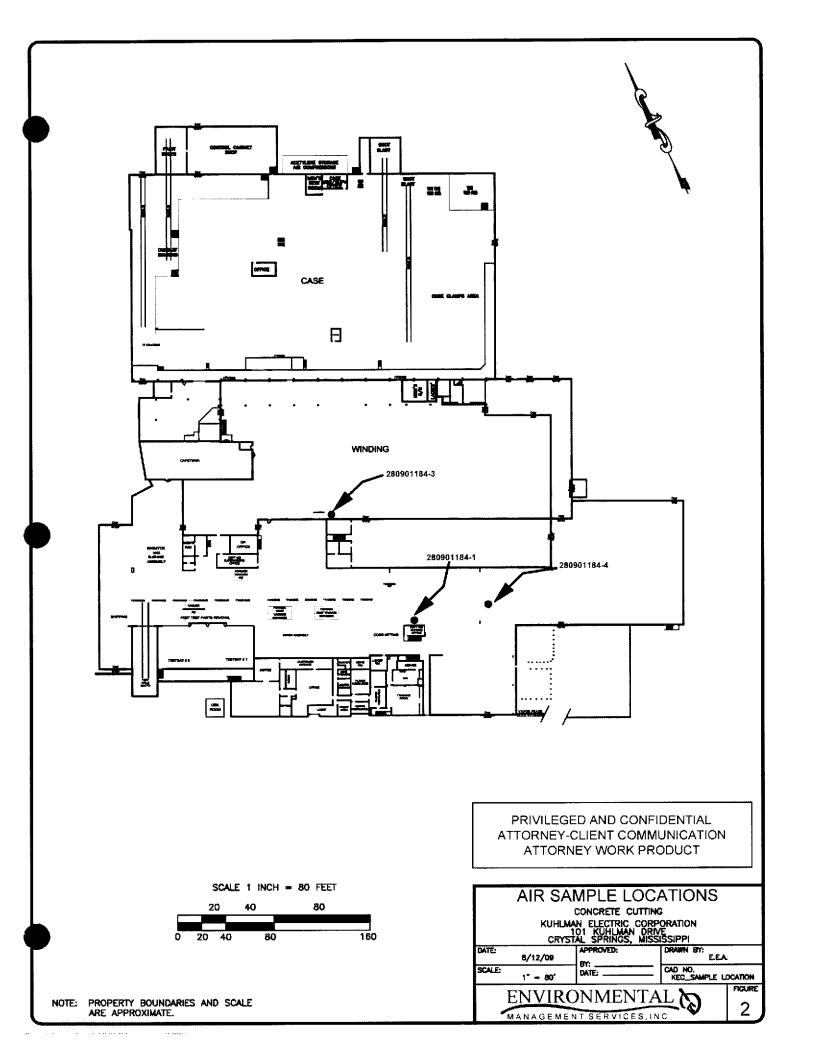
Environmental Management Services, Inc.

Ethan Allen, P.G. Project Geologist



**FIGURES** 





TABLES

Soil and Water Concrete Cutting Analytical Results Kuhlman Electric Corporation Crystal Springs, Mississippi TABLE 1

|   | Units | PCB-1016 | PCB-1221 | PCB-1232 | PCB-1242 | PCB-1248 | PCB-1254 | PCB-1260 |
|---|-------|----------|----------|----------|----------|----------|----------|----------|
| Groundwater Tier 1 TRG                  | l/gu  | 0.957    | 0.0335   | 0.0335   | 0.0335   | 0.0335   | 0.0335   | 0.0335   |
| Soil Restricted Tier 1 TRG              | Sy/Su | 10.0     | 10.0     | 0.01     | 10.0     | 10.0     | 10.0     | 10.0     |
| Soil Unrestricted Tier 1 TRG            | 8y/8u | 1.0      | 1.0      | 0.1      | 0.1      | 0.1      | 0.1      | 1.0      |
| 05 Cutting Solids                       | тв/кв | <0.005   | <0.050   | <0:050   | <0.050   | <0.050   | <0.050   | 4.26     |
| 06 RT2516                               | mg/kg | <0.005   | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   | 0.048    |
| 07 RT 2514                              | mg/kg | <0.005   | <0.050   | <0.050   | <0.050   | 050'0>   | <0.050   | 0.239    |
| 08 RT 2504                              | mg/kg | <0.005   | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   | 0.114    |
| 09 RT 2518                              | mg/kg | <0.005   | <0.050   | <0.050   | <0.050   | <0.050   | . 050.0> | 0.055    |
| 10 RB-0625320                           | mg/kg | <0.005   | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   | 0.285    |
| 11 RB-0225107                           | mg/kg | <0.005   | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   | 8.07     |
| 12 RB-0324304                           | mg/kg | <0.005   | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   | 6.37     |
| Kuhlman Electric Concrete Cutting Water | l/gn  | <0.051   | <0.505   | <0.505   | <0.505   | <0.505   | <0.505   | <1.01    |
| 1.0                                     |       |          |          |          |          |          |          |          |

Bold concentrations indicates a detection Bold and shaded concentrations indicates a TRG exceedance

# TABLE 2 Air Analytical Results Kuhlman Electric Corporation Crystal Springs, Mississippi

| Compound                          | CAS                  | OSHA    | NIOSH<br>STANDARD | ACGIH   | 280901184-1 | 280901184-3 | 280901184-4 |
|-----------------------------------|----------------------|---------|-------------------|---------|-------------|-------------|-------------|
|                                   |                      | uq/m³   | ug/m³             | ug/m³   | ug/m³       | ug/m³       | ug/m³       |
| 1,2,4-Trimethylbenzene            | 95-63-6              | NA      | NA                | NA      | 6           | 22          | 5.3         |
| 1,3,5-Trimethylbenzene            | 108-67-8             | NA      | 125000            | 125000  | ND          | 7.5         | ND          |
| 1,3-Butadiene                     | 106-99-0             | 2210    | NA                | 4420    | ND          | 4.4         | 2.1         |
| 1,4-Dichlorobenzene               | 106-46-7             | 450000  | NA                | 60000   | 23          | 110         | 6.1         |
| 2-Butanone(MEK)                   | 78-93-3              | 590000  | 590000            | 590000  | 8.7         | 39          | 10          |
| 4-Ethyltoluene                    | 622-96-8             | NA      | NA                | NA      | 5.7         | 19          | 4.3         |
| 4-Methyl-2-pentanone(MIBK)        | 108-10-1             | 410000  | 205000            | 205000  | 9.2         | 67          | 9.8         |
| Acetone                           | 67-64-1              | 1200000 | 590000            | 2400000 | 61          | 91          | 150         |
| Benzene                           | 71-43-2              | 3200    | 320               | 1600    | 2           | 17          | 3.5         |
| Chloromethane                     | 74-87-3              | 206500  | NA .              | 103250  | 1.5         | 1.5         | 1.5         |
| Cyclohexane                       | 110-82-7             | 1050000 | 1050000           | 1050000 | ND          | 2.5         | ND          |
| Ethanol                           | 64-17-5              | 1900000 | 1900000           | 1900000 | 40          | 130         | 30          |
| Ethyl acetate                     | 141-78-6             | 1400000 | 1400000           | 1400000 | ND          | 2.9         | ND          |
| Ethylbenzene                      | 100-41-4             | 435000  | 435000            | 435000  | 15          | 45          | 10          |
| Freon 12(Dichlorodifluoromethane) | 75-71-8              | 4950000 | 4950000           | 4950000 | ND          | 3.2         | 2.8         |
| Isopropyl alcohol(2-Propanol)     | 67-63-0              | 980000  | 980000            | 980000  | 8.8         | 22          | 53          |
| Methylene chloride                | 75-09-2              | 87000   | NA                | 174000  | ND          | 6.9         | ND          |
| n-Heptane                         | 142-82-5             | 2000000 | 350000            | 1700000 | 2.6         | 3.4         | ND          |
| n-Hexane                          | 110-54-3             | 1800000 | 180000            | 180000  | ND          | 5.4         | ND          |
| Propylene                         | 115-07-1             | NA      | NA .              | 860000  | ND          | ND          | 14          |
| Styrene                           | 100-42-5             | 425000  | 215000            | 85200   | ND          | 6.5         | 4           |
| Tertiary butyl alcohol (TBA)      | 75 <del>-6</del> 5-0 | 300000  | 300000            | 300000  | ND          | 3.4         | 2.6         |
| Tetrahydrofuran                   | 109-99-9             | 590000  | 590000            | 590000  | 2           | 3.2         | 2.4         |
| Toluene                           | 108-88-3             | 750000  | 375000            | 188000  | 6.5         | 55          | 6.7         |
| Trichloroethene                   | 79-01-6              | 540000  | NA                | 270000  | ND          | 5.6         | ND          |
| Xylene (Ortho)                    | 95-47-6              | 435000  | 435000            | 435000  | 18          | 40          | 14          |
| Xylene (para & meta)              | 1330-20-7            | 435000  | 435000            | 435000  | 51          | 150         | 37          |

Notes:

NA = Not Available

ND = Not detected above reporting limits

Bold concentrations indicates a detection

Bold and shaded concentrations indicates an exceedance

ATTACHMENT 1
Soil and Water Analytical Results



August 18, 2009

Clyde Woodward

Work Order #:

0907162

Environmental Management Services PO Box 15369

Purchase Order #

Hattiesburg, MS 39404-5369

RE: KEC

Enclosed are the results of analyses for samples received by the laboratory on 07/09/09 12:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Harry P. Howell

Hany 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. All test methods performed meet the requirements of NELAC. Any variances and/or deviations specific to this analytical report are referenced in the lab report using qualifiers and detailed explanations found in the case narrative report.



nvironmental Management Services

Project: KEC

PO Box 15369

Project Number: [none]

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

Reported: 08/18/09 13:29

#### ANALYTICAL REPORT FOR SAMPLES

| Sample ID         | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-------------------|---------------|--------|----------------|----------------|
| 04 Cutting Sludge | 0907162-01    | Sludge | 07/06/09 11:00 | 07/09/09 12:00 |
| 05 Cutting Solids | 0907162-02    | Soil   | 07/06/09 11:00 | 07/09/09 12:00 |
| 06 RT 2516        | 0907162-03    | Soil   | 07/06/09 11:00 | 07/09/09 12:00 |
| 07 RT 2514        | 0907162-04    | Soil   | 07/06/09 11:00 | 07/09/09 12:00 |
| 08 RT 2504        | 0907162-05    | Soil   | 07/06/09 11:00 | 07/09/09 12:00 |
| 09 RT 2518        | 0907162-06    | Soil   | 07/06/09 11:00 | 07/09/09 12:00 |
| 10 RB-0625320     | 0907162-07    | Soil   | 07/06/09 11:00 | 07/09/09 12:00 |
| 11 RB-0225107     | 0907162-08    | Soil   | 07/06/09 11:00 | 07/09/09 12:00 |
| 12 RB-0325304     | 0907162-09    | Soil   | 07/06/09 11:00 | 07/09/09 12:00 |



Environmental Management Services

Project: KEC

PO Box 15369

Project Number: [none]

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

Reported: 08/18/09 13:29

#### **Case Narrative**

#### SAMPLE RECEIVING

Samples received in good condition.
Samples not delivered to laboratory on ice.
Chain of Custody and container labels agree.
Container labels complete.
Chain of Custody complete.

Organics - PCB's Batch# 9G10006

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 not within the acceptance criteria range. 8082 Lab control sample(s) within the acceptance criteria range. 8082 Duplicate sample(s) within acceptance criteria range. 8082 Qualifiers: SR-02, SR-08, E-01. See notes and definitions. 8082 Duplicate Source from WO# 0907191

Micro-Methods Laboratory, Inc.



Invironmental Management Services

PO Box 15369

Project: KEC

Project Number: [none]

Hattiesburg MS, 39404-5369 Project Manager: Clyde Woodward

Reported:

08/18/09 13:29

# 04 Cutting Sludge 0907162-01 (Sludge)

| Analyte                            | Result      | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|------------------------------------|-------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA M | lethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                           | ND          | 0.005              | mg/kg | 1        | 9G10006 | 07/10/09 | 07/14/09 | EPA 8082 |       |
| PCB-1221                           | ND          | 0.050              | **    | 7        | 11      | "        | Pr ·     | #        |       |
| PCB-1232                           | ND          | 0.050              | "     |          | •       | "        | **       |          |       |
| PCB-1242                           | ND          | 0.050              | "     |          | *       | н        | 41       | q        |       |
| PCB-1248                           | ND          | 0.050              | "     | н        | #       | "        | *        | •        |       |
| PCB-1254                           | ND          | 0.050              | *     |          | *       | "        | "        | •        |       |
| PCB-1260                           | 2.50        | 1.20               | "     | 2000     | 77      | н        | н        | n        | E-01  |
| Surrogate: Decachlorobiphenyl      |             | 21.4 %             | 30-   | 129      | "       | "        | "        | ,        | SR02  |
| Surrogate: Tetrachloro-meta-xylene |             | 20.9 %             | 10-   | 118      | "       | 17       | "        | n        |       |



Environmental Management Services

PO Box 15369

Hattiesburg MS, 39404-5369

Project: KEC

Project Number: [none]

Project Manager: Clyde Woodward

Reported: 08/18/09 13:29

### 05 Cutting Solids 0907162-02 (Soil)

| Analyte                             | Result     | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|-------------------------------------|------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Mo | ethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                            | ND         | 0.005              | mg/kg | 1        | 9G10006 | 07/10/09 | 07/14/09 | EPA 8082 |       |
| PCB-1221                            | ND         | 0.050              | **    | н        | N       | и        | н        | н        |       |
| PCB-1232                            | ND         | 0.050              | **    | н        | *1      |          | 19       | а        |       |
| PCB-1242                            | ND         | 0.050              | H     | n        | #1      | ı        | n        | U        |       |
| PCB-1248                            | ND         | 0.050              | **    | Ħ        | *1      | H.       | н        | н        |       |
| PCB-1254                            | ND         | 0.050              | **    | н        | *1      | IF.      | и        | н        |       |
| PCB-1260                            | 4.26       | 1.20               | **    | 2000     | ŧí      | U        | н        | н        | E-01  |
| Surrogate: Decachlorobiphenyl       |            | 12.8 %             | 30-   | 129      | *       | "        | ,        | *        | SR02  |
| Surrogate: Tetrachloro-meta-xylene  |            | %                  | 10-   | 118      | "       | "        | "        | N        | SR02  |



Environmental Management Services

Project: KEC

PO Box 15369

Project Number: [none]

Reported:

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

08/18/09 13:29

# 06 RT 2516 0907162-03 (Soil)

| Analyte                            | Result     | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|------------------------------------|------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA M | ethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                           | ND         | 0.005              | mg/kg | 1        | 9G10006 | 07/10/09 | 07/14/09 | EPA 8082 |       |
| PCB-1221                           | ND         | 0.050              | **    | •        |         | #        | "        |          |       |
| PCB-1232                           | ND         | 0.050              | **    | "        | *       | 19       |          | ,        |       |
| PCB-1242                           | ND         | 0.050              | **    |          | *       | ø        | ø        | #        |       |
| PCB-1248                           | ND         | 0.050              | 11    | n        | **      | 47       | 19       | #        |       |
| PCB-1254                           | ND         | 0.050              | 17    |          | •       | *        | **       | 4        |       |
| PCB-1260                           | 0.048      | 0.012              | *     | 20       | *       | 17       | 11       | •        | E-0   |
| Surrogate: Decachlorobiphenyl      |            | 75.8 %             | 30-   | 129      | *       | *        | *        | "        |       |
| Surrogate: Tetrachloro-meta-xylene |            | 21.4 %             | 10-   | 118      | п       | n        | •        | *        |       |



nvironmental Management Services

PO Box 15369

Hattiesburg MS, 39404-5369

Project: KEC

Project Number: [none]

Project Manager: Clyde Woodward

Reported:

08/18/09 13:29

# 07 RT 2514

0907162-04 (Soil)

| Analyte                            | Result      | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|------------------------------------|-------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA M | lethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                           | ND          | 0.005              | mg/kg | 1        | 9G10006 | 07/10/09 | 07/13/09 | EPA 8082 |       |
| PCB-1221                           | ND          | 0.050              | "     | **       | N       | 10       | н        | H        |       |
| PCB-1232                           | ND          | 0.050              | **    | **       | H       | 10       | *        |          |       |
| PCB-1242                           | ND          | 0.050              | 11    | n        | Ħ       | 4        | п        | •        |       |
| PCB-1248                           | ND          | 0.050              | "     | 1*       | *1      |          |          | •        |       |
| PCB-1254                           | ND          | 0.050              | 4     |          | Ħ       | m,       | -        | •        |       |
| PCB-1260                           | 0.239       | 0.060              | "     | 100      | *1      | и        | н        | н        | E-0   |
| Surrogate: Decachlorobiphenyl      |             | 72.1 %             | 30-   | 129      | 11      | "        | ~        | *        |       |
| Surrogate: Tetrachloro-meta-xylene |             | 36.2 %             | 10    | 118      | N       | •        | #        | n        |       |



nvironmental Management Services

PO Box 15369

Hattiesburg MS, 39404-5369

Project: KEC

Project Number: [none]

Project Manager: Clyde Woodward

Reported:

08/18/09 13:29

# 08 RT 2504 0907162-05 (Soil)

| Analyte                            | Result     | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|------------------------------------|------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA M | ethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                           | ND         | 0.005              | mg/kg | 1        | 9G10006 | 07/10/09 | 07/14/09 | EPA 8082 |       |
| PCB-1221                           | ND         | 0.050              | 11    | •        | и       | н        | ıı       | 10       |       |
| PCB-1232                           | ND         | 0.050              | н     |          | и       | н        | 10       | u        |       |
| PCB-1242                           | ND         | 0.050              | Ħ     | н        | 11      | n        | "        | "        |       |
| PCB-1248                           | ND         | 0.050              | **    | •        | It      | н        | 77       | 17       |       |
| PCB-1254                           | ND         | 0.050              | "     | **       | "       | n        | "        | 19       |       |
| PCB-1260                           | 0.114      | 0.030              | "     | 50       | 11      | н        | *        | #        | E-01  |
| Surrogate: Decachlorobiphenyl      |            | 63.0 %             | 30-   | 129      | *       | "        | *        | *        |       |
| Surrogate: Tetrachloro-meta-xylene |            | 42.8 %             | 10-   | 18       | 7       | 4        | Ħ        | *        |       |



nvironmental Management Services

PO Box 15369

Hattiesburg MS, 39404-5369

Project: KEC

Project Number: [none]

Project Manager: Clyde Woodward

Reported: 08/18/09 13:29

09 RT 2518

0907162-06 (Soil)

| Analyte                            | Result     | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzęd | Method   | Notes |
|------------------------------------|------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA M | ethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                           | ND         | 0.005              | mg/kg | ı        | 9G10006 | 07/10/09 | 07/14/09 | EPA 8082 |       |
| PCB-1221                           | ND         | 0.050              | 11    | •        | И       | **       | tt       | и        |       |
| PCB-1232                           | ND         | 0.050              | **    | *1       | н       | *        | н        | н        |       |
| PCB-1242                           | ND         | 0.050              | 11    | **       | u       | **       | U        | 19       |       |
| PCB-1248                           | ND         | 0.050              | 11    | **       | n       | **       | а        | 19       |       |
| PCB-1254                           | ND         | 0.050              | 11    | **       | 11      | "        | n        |          |       |
| PCB-1260                           | 0.055      | 0.030              | 19    | 50       | н       | *        | tt       | И        | E-01  |
| Surrogate: Decachlorobiphenyl      |            | 75.4 %             | 30-1  | 29       | ,,      | "        | н        | "        |       |
| Surrogate: Tetrachloro-meta-xylene |            | 45.4 %             | 10-1  | 18       | *       | n        | "        | "        |       |



ivironmental Management Services

Project: KEC

PO Box 15369

Project Number: [none]

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

Reported: 08/18/09 13:29

# 10 RB-0625320

0907162-07 (Soil)

| Analyte                            | Result      | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|------------------------------------|-------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA M | lethod 8082 |                    |       |          |         | •        |          |          | ,     |
| PCB-1016                           | ND          | 0.005              | mg/kg | 1        | 9G10006 | 07/10/09 | 07/14/09 | EPA 8082 |       |
| PCB-1221                           | ND          | 0.050              | **    | Ħ        | 19      | H        | #        | н        |       |
| PCB-1232                           | ND          | 0.050              | **    | "        | **      | Ħ        | #        | "        |       |
| PCB-1242                           | ND          | 0.050              | 11    | п        |         | н        | Ħ        | н        |       |
| PCB-1248                           | ND          | 0.050              | 4     | Ħ        | "       | н        | •        | н        |       |
| PCB-1254                           | ND          | 0.050              |       | н        | *       | *1       | **       | **       |       |
| PCB-1260                           | 0.285       | 0.060              | **    | 100      | #       | Ħ        | Ħ        | н        | E-0   |
| Surrogate: Decachlorobiphenyl      |             | 79.6 %             | 30-   | 129      | п       | "        | "        | "        |       |
| Surrogate: Tetrachloro-meta-xylene |             | 33.4 %             | 10-1  | 118      | *       | n        | *        | n        |       |



nvironmental Management Services

Project: KEC

PO Box 15369

Project Number: [none]

Reported:

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

08/18/09 13:29

# 11 RB-0225107 0907162-08 (Soil)

| Analyte                            | Result      | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|------------------------------------|-------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA M | lethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                           | ND          | 0.005              | mg/kg | l        | 9G10006 | 07/10/09 | 07/15/09 | EPA 8082 |       |
| PCB-1221                           | ND          | 0.050              | 11    | "        |         | n        |          | Ħ        |       |
| PCB-1232                           | ND          | 0.050              | 11    | **       | *       | н        | n        | **       |       |
| PCB-1242                           | ND          | 0.050              | 11    | н        | н       | ti       | н        | *        |       |
| PCB-1248                           | ND          | 0.050              | 11    | **       |         | н        | 11       | **       |       |
| PCB-1254                           | ND          | 0.050              | 11    | **       |         | H        | в        | **       |       |
| PCB-1260                           | 8.07        | 3.00               | Н     | 5000     | 77      | п        | 19       | π        | E-01  |
| Surrogate: Decachlorobiphenyl      |             | %                  | 30-   | 129      | "       | "        | "        | "        | SR02  |
| Surrogate: Tetrachloro-meta-xylene |             | %                  | 10-   | 118      | 7       | n        | 4        | r        | SR02  |



nvironmental Management Services

vironinemat ivianagement Services

PO Box 15369 Project Number: [none]
Hattiesburg MS, 39404-5369 Project Manager: Clyde Woodward

Reported: 08/18/09 13:29

12 RB-0325304 0907162-09 (Soil)

Project: KEC

| Analyte                             | Result     | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|-------------------------------------|------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA Me | ethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                            | ND         | 0.005              | mg/kg | i        | 9G10006 | 07/10/09 | 07/15/09 | EPA 8082 |       |
| PCB-1221                            | ND         | 0.050              | IF    |          | **      | n        | 4        | *        |       |
| PCB-1232                            | ND         | 0.050              | IF    | **       | *       | **       | H        | 7        |       |
| PCB-1242                            | ND         | 0.050              | If    | 11       | #       | Ħ        | п        | *        |       |
| PCB-1248                            | ND         | 0.050              | п     | 11       | *       | H        | *1       |          |       |
| PCB-1254                            | ND         | 0.050              | н     | •        | •       | н        | n        | *        |       |
| PCB-1260                            | 6.37       | 3.00               | 11    | 5000     | *       | н        | n        |          | E-01  |
| Surrogate: Decachlorobiphenyl       |            | %                  | 30-1  | 129      | "       | "        | "        | "        | SR02  |
| Surrogate: Tetrachloro-meta-xylene  |            | %                  | 10-1  | 118      | H       | **       | и        | "        | SR02  |



ivironmental Management Services

PO Box 15369

Hattiesburg MS, 39404-5369

Project: KEC

Project Number: [none]

Project Manager: Clyde Woodward

Reported: 08/18/09 13:29

# Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

|                                    |         | Reporting     |                                       | Spike                                 | Source    |             | %REC    |      | RPD   |       |
|------------------------------------|---------|---------------|---------------------------------------|---------------------------------------|-----------|-------------|---------|------|-------|-------|
| Analyte                            | Result  | Limit         | Units                                 | Level                                 | Result    | %REC        | Limits  | RPD  | Limit | Notes |
| Batch 9G10006 - EPA 3550B          | •       |               |                                       |                                       |           |             |         |      |       |       |
| Blank (9G10006-BLK1)               |         |               |                                       | Prepared: 07/10/09 Analyzed: 07/13/09 |           |             |         |      |       |       |
| PCB-1016                           | ND      | 0.005         | mg/kg                                 |                                       |           |             |         |      |       |       |
| PCB-1221                           | ND      | 0.050         | **                                    |                                       |           |             |         |      |       |       |
| PCB-1232                           | ND      | 0.050         | **                                    |                                       |           |             |         |      |       |       |
| PCB-1242                           | ND      | 0.050         | n                                     |                                       |           |             |         |      |       |       |
| PCB-1248                           | ND      | 0.050         | •                                     |                                       |           |             |         |      |       |       |
| PCB-1254                           | ND      | 0.050         | *                                     |                                       |           |             |         |      |       |       |
| PCB-1260                           | ND      | 0.0006        | n                                     |                                       |           |             |         |      |       |       |
| Surrogate: Decachlorobiphenyl      | 0.00433 |               |                                       | 0.00333                               |           | 130         | 30-129  |      |       | SR08  |
| Surrogate: Tetrachloro-meta-xylene | 0.00233 |               | "                                     | 0.00333                               |           | 70.0        | 10-118  |      |       |       |
| LCS (9G10006-BS1)                  |         | Prepared: 0   | Prepared: 07/10/09 Analyzed: 07/14/09 |                                       |           |             |         |      |       |       |
| PCB-1016                           | 0.001   | 0.005         | mg/kg                                 | 0.00167                               |           | 81.6        | 47-124  |      | 45    |       |
| PCB-1260                           | 0.001   | 0.0006        | "                                     | 0.00167                               |           | 85.2        | 50-150  |      | 45    |       |
| Surrogate: Decachlorobiphenyl      | 0.00417 |               | н                                     | 0.00333                               |           | 125         | 30-129  |      |       |       |
| ogate: Tetrachloro-meta-xylene     | 0.00210 |               | "                                     | 0.00333                               |           | 63.0        | 10-118  |      |       |       |
| LCS Dup (9G10006-BSD1)             |         |               |                                       | Prepared: 0                           | 7/10/09 A | nalyzed: 07 | 7/14/09 |      |       |       |
| PCB-1016                           | 0.001   | 0.005         | mg/kg                                 | 0.00167                               |           | 79.6        | 47-124  | 2.48 | 45    |       |
| PCB-1260                           | 0.001   | 0.0006        | н                                     | 0.00167                               |           | 86.4        | 50-150  | 1.40 | 45    |       |
| Surrogate: Decachlorobiphenyl      | 0.00403 |               | "                                     | 0.00333                               |           | 121         | 30-129  |      |       |       |
| Surrogate: Tetrachloro-meta-xylene | 0.00213 |               | 7                                     | 0.00333                               |           | 64.0        | 10-118  |      |       |       |
| Duplicate (9G10006-DUP1)           | Soui    | ·ce: 0907191- | 03                                    | Prepared: 0                           | 7/10/09 A | nalyzed: 07 | 7/14/09 |      |       |       |
| PCB-1016                           | ND      | 0.005         | mg/kg                                 |                                       | ND        |             |         |      | 45    |       |
| PCB-1221                           | ND      | 0.050         | н                                     |                                       | ND        |             |         |      | 45    |       |
| PCB-1232                           | ND      | 0.050         | N                                     |                                       | ND        |             |         |      | 45    |       |
| PCB-1242                           | ND      | 0.050         | u                                     |                                       | ND        |             |         |      | 45    |       |
| PCB-1248                           | ND      | 0.050         | н                                     |                                       | ND        |             |         |      | 45    |       |
| PCB-1254                           | ND      | 0.050         | "                                     |                                       | ND        |             |         |      | 45    |       |
| PCB-1260                           | ND      | 0.0006        |                                       |                                       | ND        |             |         |      | 45    |       |
| Surrogate: Decachlorobiphenyl      | 0.00    |               | *                                     | 0.00333                               |           |             | 30-129  |      |       | SR02  |
| Surrogate: Tetrachloro-meta-xylene | 0.00120 |               | •                                     | 0.00333                               |           | 36.0        | 10-118  |      |       |       |



nvironmental Management Services

Project: KEC

PO Box 15369

Project Number: [nonc]

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

Reported: 08/18/09 13:29

#### **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  | 06/30/2010 |
| NELAP | National Enviro Lab Accreditation Program |        | 06/30/2010 |



ivironmental Management Services

Project: KEC

PO Box 15369

Project Number: [none]

Reported:

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

08/18/09 13:29

#### **Notes and Definitions**

SR08 Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogates.

SR02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in

the sample extract.

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

EMAIL:

| 1:               |                |  | 7  | ۔ وا         | ¥ | <b>1</b>      | -   | 3   | 2 | 95        |   | <b>L</b> | 4.5           | 1_               |                   |                 |                             | ,            | Τ             |            | 1         | _                                     | Τ.                     | Ţ               |                    |  |
|------------------|----------------|--|--|--------------|---|---------------|-----|-----|---|-----------|---|----------|---------------|------------------|-------------------|-----------------|-----------------------------|--------------|---------------|------------|-----------|---------------------------------------|------------------------|-----------------|--------------------|--|
| Z 2              |                | , a part of the same of the sa | made Andrew  | " auduby     |   |               |     |     |   |           | • | 3        | 2             |                  | 71                | 400             | Tables to complete stu      | 7:           | ETITS KNIFTER | <b> </b>   | 00 T Z    | 700g                                  |                        | Cameri Emis     | METORT RESULTS TO: | Micro-Methodo Lab, Inc.<br>696 Imple: Drive, Ocean Springs, h<br>Pn: 238-775-6620 - Pm: 228-675-662  |
| است ليهدي و ١٠٠٠ | -              | 1 1  | thensen  | Min          | ĺ | 12 84-0325304 | L   |     |   | OF RE2504 |   | 81251    | L             | of cutting water | CHECON LA         | 2               | adad areas will blader prec | a) Conda Com | TANK          | 四,         |           | ノスとん                                  |                        |                 | LIS TO:            | Lab, Inc.<br>s, Ocean Springs, MS<br>Pag: 228-675-6423   |
| 1100             | 3              | -76775   |  | 7/9 /m Other |   | 304           | /67 | 320 |   |           |   |          | <u>क्रोंक</u> | No the grant     | eines / Vergie ID | 2911916         | Secondary of semples.       | Project No.  | ١             | 27 35U\U 8 | 2         | A A A A A A A A A A A A A A A A A A A | 70000                  | Company         | II CIVIES          | Chain of  NS 39564 Print ALL  rapplicable  |
| 777              | Ε (γ, )        | 12 /   | The state of the s | A primary    |   | W   Y         |     |     |   |           |   |          | 1/6/1 1/00    | 7/4/07 1100      | DATE TIME         | •               |                             | e Kirc       | :XVI          |            |           |                                       |                        | **              | SEND INVOICE TO:   | Chain of Custody / Analysis Request Form Print ALL Information. Put N/A in blanks not applicable   |
| KINU             |                | J. J. C.   | لما لوس  |              |   | <u> </u>      |     |     |   |           |   |          | ×             | ×                |                   | ,<br>ZOC<br>PMG | Samples                     |              |               | 237        |           |                                       |                        | PO#:            |                    | nilysis Requ<br>Put N/A in bis   |
|                  |                |  |  | 7            |   |               |     |     |   |           |   |          |               |                  | P                 | 3               |                             | Date of Se   |               | 2          | 7-10 days |                                       | Standard turns         | Date No         | TURNARO            | est Form   |
| USE              | 3              | 1770   | •  | Tolog Ofos   |   |               |     |     |   |           |   |          |               |                  |                   |                 |                             |              |               | Approve    |           |                                       | 1                      | outh needed by: | AROUND TIME        | Pani pře<br>Pani Nasporalore<br>Pani Nas Na<br>Bampio Recorpi Na   |
|                  | (In part year) | A Section of the Contract of t |  |              |   |               |     |     |   |           |   |          |               |                  |                   |                 | List That Number            | ₹<br> <br>   |               |            | 72 17     |                                       | the is 10 working days |                 | MR.                | To the second se |
|                  |                | al Bay Date  | A OF MALES   | and separate |   |               |     |     |   |           |   |          |               |                  |                   |                 | Ì                           |              |               |            |           |                                       |                        |                 |                    | These  |
|                  |                | <b></b>  | -  | #            |   | _             |     |     |   | <u> </u>  |   |          |               | -                | COM               | APKEDS          |                             |              |               |            | 1         |                                       |                        | <u> </u>        | ]                  |  |

|   | Issue Date 4-16-04       |   |
|---|--------------------------|---|
|   | Implementation Date: 4-1 | 4 |
| ı | Approved By: HPH/TJW     |   |

### Change Order Request/Special DCN: 100 | Date Revised:4-16-04 | Revision: |

#### Change Order Request/ Special Instructions

| To: Jani Date/Time 8-13 / 09  Re: Date Effective: From: Men  | To: Jeni   | DTi                                    | D 18         |
|--|--|--|--------------|
| Change Special Instructions How Received Change/Special Instructions initiated by: QQ January Contact: Phone #  Client: KEC Sample/s QQ TIC2  Testing Added  Testing Deleted  Other Changes Clause and QQ QTIC2-01 TO for Cathery Special Instructions  Special Instructions  Comments  Comments   |  |  | 8-14 /01     |
| How Received Change/Special Instructions initiated by: QQ James Contact: Phone #  Client: KEC. Sample/s OQOTIGE  Testing Added  Other Changes Classification Security Security Classification Cartain  As Sample Security Security Classification Process Special Instructions  Comments   |  |  |              |
| Change/Special Instructions initiated by: QQ 71  |  | Change Special                         | instructions |
| Contact: Phone #  Client: KEC Sample/s OROTIL  Testing Added  Testing Deleted  Other Changes Change and PROTIL 2-01 TD from Cutting Water to Cutting Shader. Change motion  Special Instructions  Comments   |  | <del>4 </del>                          |              |
| Phone #  Client: KEC. Sample/s OPOTICE  Testing Added  Testing Deleted  Other Changes Change and 9907142-01 TD for Cutting South to Cutting South Color Change Market Change Market Color Change Market Change | Change/Special Instructions initiated by: <u>CIV</u> | - Annaha                               | <b>.</b>     |
| Client: KEC. Sample/s OROTIC2  Testing Added  Testing Deleted  Other Changes Changes Changes and Joseph Orotical Continue Control of the Change Control of | Contact:   | _                                      | r            |
| Testing Added  Testing Deleted  Other Changes Changes Changes Glan Cutting Shades Glan Changes Mating Shades Glan Changes Mating Shades Glan Changes Mating Special Instructions  Comments   | Phone #  | -                                      |              |
| Testing Added  Testing Deleted  Other Changes Changes Changes Glan Cutting Shades Glan Changes Mating Shades Glan Changes Mating Shades Glan Changes Mating Special Instructions  Comments   | Client: KEC.   |  |              |
| Other Changes  | Sample/s O907162                                     |  |              |
| Other Changes Change and 4 09 07 162-01 TO fam. Cutting Shade Change Market Protein Special Instructions  Special Instructions  Comments   | Testing Added  |  |              |
| Special Instructions  Comments   | Testing Deleted                                      |  |              |
| Comments   | Water to Cutting Souls                               | 7162-01 ID .<br>L. Gleochel            | from Cutting |
|  | Special Instructions                                 |  |              |
|  |  |  |              |
|  |  | ······································ |              |
|  |  |  |              |
| Complete Date: 8-14-09   | Comments   |  |              |
|  |  | Complete Date:                         | 714-09       |



July 30, 2009

Clyde Woodward

Work Order #:

0907411

**Environmental Management Services** 

PO Box 15369

Hattiesburg, MS 39404-5369

RE: Kuhlman Electric

Purchase Order #

Enclosed are the results of analyses for samples received by the laboratory on 07/23/09 10:44. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Harry P. Howell

Hany 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. All test methods performed meet the requirements of NELAC. Any variances and/or deviations specific to this analytical report are referenced in the lab report using qualifiers and detailed explanations found in the case narrative report.



ivironmental Management Services

Project: Kuhlman Electric

PO Box 15369

Project Number: [none]
Project Manager: Clyde Woodward

Hattiesburg MS, 39404-5369

Reported: 07/30/09 13:27

#### ANALYTICAL REPORT FOR SAMPLES

| Sample ID                               | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|---|---------------|--------|----------------|----------------|
| Kuhlman Electric Concrete Cutting Water | 0907411-01    | Water  | 07/20/09 09:30 | 07/23/09 10:44 |



vironmental Management Services

Project: Kuhlman Electric

PO Box 15369

Hattiesburg MS, 39404-5369

Project Number: [none]

Project Manager: Clyde Woodward

Reported: 07/30/09 13:27

#### **Case Narrative**

#### SAMPLE RECEIVING

Samples received in good condition. Samples received at 8.5°C. Recommended range is 2-6° C. Chain of Custody and container labels agree. Container labels complete. Chain of Custody complete.

Qualifiers: E-01, SR-16, L2. See notes and definitions. 8082

#### Organics - PCB 8082

Batch# 9G24006

Received on ice.

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 except as noted. 8082 Matrix spike sample(s) within acceptance criteria range. 8082



nvironmental Management Services

Project: Kuhlman Electric

PO Box 15369

Project Number: [none]

Hattiesburg MS, 39404-5369

Reported: 07/30/09 13:27

#### Kuhlman Electric Concrete Cutting Water 0907411-01 (Water)

Project Manager: Clyde Woodward

| Analyte                            | Result     | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method   | Notes |
|------------------------------------|------------|--------------------|-------|----------|---------|----------|----------|----------|-------|
| Polychlorinated Biphenyls by EPA M | ethod 8082 |                    |       |          |         |          |          |          |       |
| PCB-1016                           | ND         | 0.051              | ug/L  | l        | 9G24006 | 07/24/09 | 07/28/09 | EPA 8082 |       |
| PCB-1221                           | ND         | 0.505              | **    | **       | н       | H        |          | n        |       |
| PCB-1232                           | ND         | 0.505              | **    | n        | н       |          | •        | n        |       |
| PCB-1242                           | ND         | 0.505              | 17    | п        | 11      | IT       | Ħ        | н        |       |
| PCB-1248                           | ND         | 0.505              | 77    | п        | п       | 17       | 19       | н        |       |
| PCB-1254                           | ND         | 0.505              | **    | п        | tt      | 11       | 19       | н        |       |
| PCB-1260                           | ND         | 1.01               |       | 20       | н       | 44       | **       | ı        | E-01  |
| Surrogate: Tetrachloro-meta-xylene |            | 42.0 %             | 10-   | 118      | "       | "        | tr       | n        | -     |
| Surrogate: Decachlorobiphenyl      |            | 115 %              | 10-   | 129      | "       | n        | n        | *        |       |



ivironmental Management Services

Hattiesburg MS, 39404-5369

Project: Kuhlman Electric

PO Box 15369

Project Manager: Clyde Woodward

Project Number: [none]

Reported: 07/30/09 13:27

#### Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

| Analyte                            | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC        | %REC<br>Limits | RPD  | RPD<br>Limit | Notes |
|------------------------------------|--------|--------------------|-------|----------------|------------------|-------------|----------------|------|--------------|-------|
| Batch 9G24006 - EPA 3510C          |        |                    |       |                |                  |             |                |      |              |       |
| Blank (9G24006-BLK1)               |        |                    |       | Prepared: (    | 7/24/09 A        | nalyzed: 07 | /28/09         |      |              |       |
| PCB-1016                           | ND     | 0.050              | 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 | 0.0320 |                    | ~     | 0.100          |                  | 32.0        | 10-118         |      |              |       |
| Surrogate: Decachlorobiphenyl      | 0.123  |                    | *     | 0.100          |                  | 123         | 10-129         |      |              |       |
| LCS (9G24006-BS1)                  |        |                    |       | Prepared: 0    | 7/24/09 A        | nalyzed: 07 | /29/09         |      |              |       |
| PCB-1016                           | 0.022  |                    | ug/L  | 0.0500         |                  | 43.0        | 47-124         |      | 45           | L2    |
| PCB-1260                           | 0,031  |                    | •     | 0.0500         |                  | 61.4        | 50-150         |      | 45           |       |
| Serogate: Tetrachloro-meta-xylene  | 0.0430 |                    | ~     | 0.100          |                  | 43.0        | 10-118         |      |              | ·     |
| ogate: Decachlorobiphenyl          | 0.118  |                    | "     | 0.100          |                  | 118         | 10-129         |      |              |       |
| LCS Dup (9G24006-BSD1)             |        |                    |       | Prepared: (    | 7/24/09 A        | nalyzed: 07 | /29/09         |      |              |       |
| PCB-1016                           | 0.026  |                    | ug/L  | 0.0500         |                  | 51.0        | 47-124         | 17.0 | 45           |       |
| PCB-1260                           | 0.036  |                    |       | 0.0500         |                  | 71.6        | 50-150         | 15.4 | 45           |       |
| Surrogate: Tetrachloro-meta-xylene | 0.0490 |                    | "     | 0.100          |                  | 49.0        | 10-118         |      | · •          |       |
| Surrogate: Decachlorobiphenyl      | 0.136  |                    | *     | 0.100          |                  | 136         | 10-129         |      |              | SR16  |
| Matrix Spike (9G24006-MS1)         | Sou    | rce: 0907411-0     | )1    | Prepared: 0    | 7/24/09 A        | nalyzed: 07 | /29/09         |      |              |       |
| PCB-1016                           | 0.027  |                    | ug/L  | 0.0513         | ND               | 52.6        | 25-150         |      | 45           |       |
| PCB-1260                           | 0.876  |                    | **    | 0.0513         | 0.863            | 25.9        | 25-150         |      | 45           | E-01  |
| Surrogate: Tetrachloro-meta-xylene | 0.0369 |                    | n     | 0.103          |                  | 36.0        | 10-118         |      |              |       |
| Surrogate: Decachlorobiphenyl      | 0.106  |                    | H     | 0.103          |                  | 103         | 10-129         |      |              |       |



ivironmental Management Services

Project: Kuhlman Electric

PO Box 15369

Project Number: [none]

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

Reported: 07/30/09 13:27

#### **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  | 06/30/2010 |
| NELAP | National Enviro Lab Accreditation Program |        | 06/30/2010 |



Ivironmental Management Services

Project: Kuhlman Electric

PO Box 15369

Project Number: [none]

Hattiesburg MS, 39404-5369

Project Manager: Clyde Woodward

Reported: 07/30/09 13:27

#### **Notes and Definitions**

SR16 The surrogate recovery for this sample is outside of established control limits.

LCS and/or LCSD Recovery below acceptance limit.

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

| Mirsha Silves 7/23/09  |               | 9       | ga 7. | , | Şai | - 4 | Congrete Co | Kussim Barne        | For Lab Use Only Sample Station Location / Sample ID |                       |                                  | 1641 CH 2124 EVX   | 42.5       | £ 4                           | Clade Wooden | Company: From 5         | rings, MS 39564<br>75-6423                    |
|--|---------------|---------|-------|---|-----|-----|-------------|---------------------|--|-----------------------|----------------------------------|--------------------|------------|-------------------------------|--------------|-------------------------|---|
| m man hors Summerfield   | <i>". 117</i> | <u></u> |       |   |     |     |             | 7 🔀 (مديره) وسحر-17 | DATE TIME C G  | Settidezes Settidezes | Home: Kuhlum Electris            | TRIT: RAY:         |            | Som?                          |              | Company: POF:           | 'Analysis Request F<br>n. Put N/A in blanks n |
| 1700 01. man Oct (State 17) 1700 01. man Oct (State 17) 16:44 03. man Oct (State 17) 16:44 |               |         |       |   |     |     |             | *                   | CONTARRES  | List Test Needed      | Date of Sample Shipment: 7-27-99 | 24 Hrs Approved by | 07-16 days | ring turnaround times require |              | Date Results needed by: | 3   |

,

ATTACHMENT 2
Air Sampling Results



Lab Name: EMSL ANALYTICAL Lab Location: WESTMONT, NJ

Sample Matrix: Air

Laboratory ID Number: 280901184-1

Laboratory File ID: j3378.d

Results for Project: EMSL 280901184 Analysis Date: 07/22/09 Client Sample ID: #2

Sample Volume(mL): 250

Canister ID: S8127

ug/m3 Results

Results

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|---|-----------|----------|-----------------|------------------|-------------|----------------------------|--------------|-----|
| Compound                                | CAS       | o        | Results<br>ppbv | Results<br>ug/m3 |             | Compound                   | CAS          |     |
| Propylene                               | 115-07-1  | Ø        | 1.0             | 1.7              |             | Carbon tetrachloride       | 56-23-5      |     |
| Freon 12(Dichlorodifluoromethane)       | 8-17-97   | Œ        | 0.50            | 2.5              |             | n-Heptane                  | 142-82-5     |     |
| Freon 114(1,2-Dichlorotetrafluoroethan  | 76-14-2   | Œ        | 0:00            | 3.5              |             | 1,2-Dichloroethane         | 107-06-2     |     |
| Chloromethane                           | 74-87-3   |          | 0.72            | 1.5              |             | Benzene                    | 71-43-2      |     |
| Vinyl chloride                          | 75-01-4   | QN       | 0.50            | 1.3              | _           | Trichloroethene            | 79-01-6      | . ' |
| 1,3-Butadiene                           | 106-99-0  | ON       | 0.50            | 1.1              |             | 1,2-Dichloropropane        | 2-28-87      |     |
| Bromomethane                            | 74-83-9   | CIN      | 0.50            | 1.9              |             | Bromodichloromethane       | 75-27-4      |     |
| Chloroethane                            | 2-00-92   | CIN      | 0:50            | 1.3              | <b>-</b>    | 1,4-Dioxane                | 123-91-1     |     |
| Ethanol                                 | 64-17-5   |          | 21              | 40               | 7           | 4-Methyl-2-pentanone(MIBK) | 108-10-1     |     |
| Bromoethene (Vinyl bromide)             | 593-60-2  | ğ        | 0.50            | 2.2              | Τ.          | cis-1,3-Dichloropropene    | 10061-01-5   |     |
| Freon 11(Trichlorofluoromethane)        | 75-69-4   | Ø        | 0.50            | 2.8              | T           | Toluene                    | 108-88-3     |     |
| Isopropyl alcohol(2-Propanol)           | 0-63-79   |          | 3.6             | 8.8              | r           | trans-1,3-Dichloropropene  | 10061-02-6   |     |
| Freon 113(1,1,2-Trichlorotrifluoroethan | 76-13-1   | OM<br>OM | 0.50            | 3.8              |             | 1,1,2-Trichloroethane      | 79-00-5      |     |
| Acetone                                 | 67-64-1   | <b>Ξ</b> | 26              | 61               | F           | 2-Hexanone(MBK)            | 591-78-6     |     |
| 1,1-Dichloroethene                      | 75-35-4   | CIN      | 0:50            | 2.0              |             | Tetrachloroethene          | 127-18-4     |     |
| Acetonitrile                            | 8-90-92   | CIN      | 0:20            | 0.84             |             | Dibromochloromethane       | 124-48-1     |     |
| Tertiary butyl alcohol (TBA)            | 75-65-0   | Ø        | 0.50            | 1.5              | _           | 1,2-Dibromoethane          | 106-93-4     |     |
| Bromoethane (Ethyl bromide)             | 74-96-4   | CIN      | 0:20            | 2.2              |             | Chlorobenzene              | 108-90-7     |     |
| 3-Chloropropene (Allyl chloride)        | 107-05-1  | CIN      | 0.50            | 1.6              |             | Ethylbenzene               | 100-41-4     |     |
| Carbon disulfide                        | 75-15-0   | CIN      | 0.50            | 1.6              |             | Xylene (para & meta)       | 1330-20-7    |     |
| Methylene chloride                      | 75-09-2   | UD       | 1.5             | 5.2              | ,           | Xylene (Ortho)             | 95-47-6      |     |
| Acrylonitrile                           | 107-13-1  | CIN      | 0.50            | 1.1              |             | Styrene                    | 100-42-5     |     |
| Methyl-tert-butyl ether(MTBE)           | 1634-04-4 | CIN      | 0:20            | 1.8              | r           | Bromoform                  | 75-25-2      |     |
| trans-1,2-Dichloroethene                | 156-60-5  | CIN      | 0.50            | 2.0              |             | 1,1,2,2-Tetrachloroethane  | 79-34-5      |     |
| n-Hexane                                | 110-54-3  | CIN      | 0.50            | 1.8              |             | 4-Ethyltoluene             | 622-96-8     |     |
| 1,1-Dichtoroethane                      | 75-34-3   | CIN      | 0.50            | 2.0              |             | 1,3,5-Trimethylbenzene     | 108-67-8     |     |
| Vinyl acetate                           | 108-05-4  | ND       | 0.50            | 1.8              |             | 2-Chlorotoluene            | 95-49-8      |     |
| 2-Butanone(MEK)                         | 78-93-3   |          | 2.9             | 8.7              |             | 1,2,4-Trimethylbenzene     | 9-63-6       | ,   |
| cis-1,2-Dichloroethene                  | 156-59-2  | CIN      | 0.50            | 2.0              |             | 1,3-Dichlorobenzene        | 541-73-1     |     |
| Ethyl acetate                           | 141-78-6  | CIN      | 0.50            | 1.8              |             | 1,4-Dichlorobenzene        | 106-46-7     |     |
| Chloroform                              | 67-66-3   | CIN      | 0.50            | 2.4              |             | Benzyi chloride            | 100-44-7     |     |
| Tetrahydrofuran                         | 6-66-601  |          | 0.68            | 2.0              |             | 1,2-Dichlorobenzene        | 95-50-1      |     |
| 1,1,1-Trichloroethane                   | 71-55-6   | CIN      | 0.50            | 2.7              |             | 1,2,4-Trichlorobenzene     | 120-82-1     |     |
| Cyclohexane                             | 110-82-7  | QN       | 0.50            | 1.7              |             | Hexachloro-1,3-butadiene   | 87-68-3      |     |
| 2,2,4-Trimethylpentane (Isooctane)      | 540-84-1  | Ð        | 0.50            | 2.3              |             | Surrogate                  | Result(ppbv) |     |
|   |           |          |                 | •                |             | 4-Bromofluorobenzene       | 10.39        |     |

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|---|---|
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(No Qualifier in field) = Compound detected at reported concentration in ppbv and ug/m3.

ND = Not Detected.

D = Diluted. Reported from dilution run. Value is accurate.

B = Detected in blank.

E = Estimated Concentration. Exceeded calibration limit.

%Recovery Limits %

True(ppbv)

5.3

3.7

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B

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0.50 0.50 0.50 0.50

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J = Detected below practical quatitation level, but above MDL.

## VOLATILE ORGANICS DATA ANALYSIS SUMMARY DIUM TO-15 **EPA COMI**

Lab Name: EMSL ANALYTICAL Lab Location: WESTMONT, NJ

Sample Matrix: Air

Laboratory ID Number: 280901184-3

Laboratory File ID: j3365.d

Results for Project: EMSL 280901184 Analysis Date: 07/21/09 Client Sample ID: #1

| 250         | T2072        |
|-------------|--------------|
| Volume(mL): | Canister ID: |
| Sample      |              |

| Compound                                | CAS       | 6   | Results | Regulfe     |           | Comp    |
|---|-----------|-----|---------|-------------|-----------|---------|
|   | Number    | ·   | Addd    | ng/m3       |           |         |
| Propylene                               | 115-07-1  | CIN | 1.0     | 1.7         |           | Carbo   |
| Freon 12(Dichlorodifluoromethane)       | 75-71-8   |     | 0.64    | 3.2         |           | n-Hepi  |
| Freon 114(1,2-Dichlorotetrafluoroethan  | 76-14-2   | CIN | 0.50    | 3.5         | ľ         | 1,2-Dic |
| Chloromethane                           | 74-87-3   |     | 0.73    | 1.5         |           | Benze   |
| Vinyl chloride                          | 75-01-4   | CIN | 0.50    | 1.3         |           | Trichlo |
| 1,3-Butadiene                           | 106-99-0  |     | 2.0     | 4.4         |           | 1,2-Dik |
| Bromomethane                            | 74-83-9   | QN  | 0.50    | 1,9         |           | Bromo   |
| Chloroethane                            | 75-00-3   | CIN | 0.50    | 1.3         |           | 1,4-Dig |
| Ethanol                                 | 64-17-5   | Q   | 71      | 130         | D=J3342.D | 4-Meth  |
| Bromoethene (Vinyl bromide)             | 593-60-2  | ON  | 0.50    | 2.2         |           | cis-1,3 |
| Freon 11(Trichlorofluoromethane)        | 75-69-4   | CIN | 0.50    | 2.8         |           | Toluen  |
| Isopropyl alcohol(2-Propanol)           | 67-63-0   |     | 8.9     | 22          |           | trans-1 |
| Freon 113(1,1,2-Trichlorotrifluoroethan | 76-13-1   | CIN | 0.50    | 3.8         |           | 1,1,2-1 |
| Acetone                                 | 67-64-1   | α . | 39      | 91          | D=J3342.D | 2-Hex   |
| 1,1-Dichloroethene                      | 75-35-4   | QN  | 0.50    | 2.0         |           | Tetrac  |
| Acetonitrile                            | 75-05-8   | CIN | 0.50    | <b>18</b> 0 |           | Dibron  |
| Tertiary butyl alcohol (TBA)            | 75-65-0   |     | 1.1     | 3.4         |           | 1,2-Dit |
| Bromoethane (Ethyl bromide)             | 74-96-4   | CIN | 0.50    | 2.2         |           | Chloro  |
| 3-Chloropropene (Allyl chloride)        | 107-05-1  | CIN | 0.50    | 1.6         |           | Ethylb  |
| Carbon disulfide                        | 75-15-0   | CIN | 0.50    | 1.6         |           | Xylene  |
| Methylene chloride                      | 75-09-2   |     | 2.0     | 6.9         |           | Xylene  |
| Acrylonitrile                           | 107-13-1  | CIN | 0.50    | 1.1         |           | Styren  |
| Methyl-tert-butyl ether(MTBE)           | 1634-04-4 | CIN | 0.50    | 1.8         |           | Bromo   |
| trans-1,2-Dichloroethene                | 156-60-5  | CIN | 0.50    | 2.0         |           | 1,1,2,2 |
| n-Hexane                                | 110-54-3  |     | 1.5     | 5.4         |           | 4-Ethy  |
| 1,1-Dichloroethane                      | 75-34-3   | CIN | 0.50    | 2.0         |           | 1,3,5   |
| Vinyl acetate                           | 108-05-4  | ND  | 0.50    | 1.8         |           | 2-Chlo  |
| 2-Butanone(MEK)                         | 78-93-3   |     | 13      | 33          |           | 1,2,4-1 |
| cis-1,2-Dichloroethene                  | 156-59-2  | CIN | 0.50    | 2.0         |           | 1,3-Dic |
| Ethyl acetate                           | 141-78-6  |     | 0.81    | 2.9         |           | 1,4-Dic |
| Chloroform                              | 67-66-3   | CIN | 0.50    | 2.4         |           | Benzy   |
| Tetrahydrofuran                         | 109-99-9  |     | 1.1     | 3.2         |           | 1,2-Dic |
| 1,1,1-Trichloroethane                   | 71-55-6   | CIN | 0.50    | 2.7         |           | 1,2,4-1 |
| Cyclohexane                             | 110-82-7  |     | 0.72    | 2.5         |           | Hexac   |
| 2,2,4-Trimethylpentane (Isooctane)      | 540-84-1  | CIN | 0.50    | 2.3         |           | Surro   |

## Qualifier (Q) Key:

(No Qualifier in field) = Compound detected at reported concentration in ppbv and ug/m3. ND = Not Detected.

D = Diluted. Reported from dilution run. Value is accurate.

|                            | CAS          | σ   | Results    | Results   |          |
|----------------------------|--------------|-----|------------|-----------|----------|
|                            | Number       |     | hpby       | ug/m3     |          |
| Carbon tetrachloride       | 56-23-5      | ND  | 0.50       | 3.1       |          |
| n-Heptane                  | 142-82-5     |     | 0.83       | 3.4       |          |
| 1,2-Dichloroethane         | 107-06-2     | ND  | 0.50       | 2.0       |          |
| Benzene                    | 71-43-2      |     | 5.3        | 17        |          |
| Trichloroethene            | 79-01-6      |     | 1.0        | 5.6       |          |
| 1,2-Dichloropropane        | 78-87-5      | CIN | 05.0       | 2.3       |          |
| Bromodichloromethane       | 75-27-4      | ND  | 0.50       | 3.3       |          |
| 1,4-Dioxane                | 123-91-1     | ND  | 0.50       | 1.8       |          |
| 4-Methyl-2-pentanone(MIBK) | 108-10-1     |     | 16         | 67        |          |
| cis-1,3-Dichloropropene    | 10061-01-5   | ON  | 09'0       | 2.3       |          |
| Toluene                    | 108-88-3     |     | 15         | 55        |          |
| trans-1,3-Dichloropropene  | 10061-02-6   | MO  | 0.50       | 2.3       |          |
| 1,1,2-Trichloroethane      | 2-00-62      | M   | 0.50       | 2.7       |          |
| 2-Hexanone(MBK)            | 591-78-6     | ND  | 0.50       | 2.0       |          |
| Tetrachloroethene          | 127-18-4     | ND  | 0:00       | 3.4       |          |
| Dibromochloromethane       | 124-48-1     | CIN | 0.50       | 4.3       |          |
| 1,2-Dibromoethane          | 106-93-4     | ŒN  | 0.50       | 3.8       |          |
| Chlorobenzene              | 108-90-7     | CIN | 0.50       | 2.3       |          |
| Ethylbenzene               | 100-41-4     |     | 10         | 45        |          |
| Xylene (para & meta)       | 1330-20-7    |     | 34         | 150       |          |
| Xylene (Ortho)             | 95-47-6      |     | 9.3        | 40        |          |
| Styrene                    | 100-42-5     |     | 1.5        | 6.5       |          |
| Bromoform                  | 75-25-2      | ND  | 0.50       | 5.2       |          |
| 1,1,2,2-Tetrachloroethane  | 79-34-5      | ND  | 0.50       | 3.4       |          |
| 4-Ethyltoluene             | 622-96-8     |     | 3.8        | 19        |          |
| 1,3,5-Trimethylbenzene     | 108-67-8     |     | 1.5        | 7.5       |          |
| 2-Chlorotoluene            | 95-49-8      | MD  | 0.50       | 2.6       |          |
| 1,2,4-Trimethylbenzene     | 95-63-6      |     | 4.5        | 22        |          |
| 1,3-Dichlorobenzene        | 541-73-1     | ND  | 0.50       | 3.0       |          |
| 1,4-Dichlorobenzene        | 106-46-7     |     | 19         | 110       |          |
| Benzyl chloride            | 100-44-7     | ND  | 0.50       | 3.7       |          |
| 1,2-Dichlorobenzene        | 95-50-1      | МD  | 0.50       | 3.0       |          |
| 1,2,4-Trichlorobenzene     | 120-82-1     | ND  | 0.50       | 3.7       |          |
| Hexachloro-1,3-butadiene   | 87-68-3      | ND  | 0.50       | 5.3       |          |
| Surrogate                  | Result(ppbv) |     | True(ppbv) | "Recovery | Limits % |
| 4-Bromofliorobenzene       | 10.38        |     | 10.00      | 101       | 420      |

B = Detected in blank.

E = Estimated Concentration. Exceeded calibration limit.

J = Detected below practical quatitation level, but above MDL.

# VOLATILE ORGANICS DATA ANALYSIS SUMMARY EPA COMICEDIUM TO-15

Lab Name: EMSL ANALYTICAL Lab Location: WESTMONT, NJ

Sample Matrix: Air

Laboratory ID Number: 280901184-4

Laboratory File ID: j3366.d

ng/m3 Results

> 0.56 0.50 0.72 0.50 0.93 0.50 16 0.50 0.50 22 0.50

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76-14-2 74-87-3

-reon 114(1,2-Dichlorotetrafluoroethan

Chloromethane

reon 12(Dichlorodifluoromethane)

Propylene

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75-01-4

**8** 

115-07-1

Number

Results

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CAS

Compound

6

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75-00-3

2

0-66-90

74-83-9

Bromomethane 3-Butadiene /inyl chloride

Chloroethane

Ethanol

身 身

593-60-2

64-17-5

75-69-4

reon 11(Trichlorofluoromethane)

Bromoethene (Vinyl bromide)

sopropyl alcohol(2-Propanol)

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Results for Project: EMSL 280901184 Analysis Date: 07/21/09 Client Sample ID: #3

| Sample Volume(mL): 250<br>Canister ID: T2147 | 250<br>T2147 |     |            |           |          |
|--|--------------|-----|------------|-----------|----------|
| Compound                                     | CAS          | Ö   | Results    | Results   |          |
|  | Number       |     | ppbv       | ug/m3     |          |
| Carbon tetrachloride                         | 56-23-5      | CIN | 0.50       | 3.1       |          |
| n-Heptane                                    | 142-82-5     | CIN | 0.50       | 2.0       |          |
| 1,2-Dichloroethane                           | 107-06-2     | ON. | 0.50       | 2.0       |          |
| Benzene                                      | 71-43-2      |     | 1.1        | 3.5       |          |
| Trichloroethene                              | 79-01-6      | ND. | 0.50       | 2.7       |          |
| 1,2-Dichloropropane                          | 78-87-5      | Q   | 0.50       | 2.3       |          |
| Bromodichloromethane                         | 75-27-4      | Ð   | 0.50       | 3.3       |          |
| 1,4-Dioxane                                  | 123-91-1     | Ð   | 0.50       | 1.8       |          |
| 4-Methyl-2-pentanone(MIBK)                   | 108-10-1     |     | 2.4        | 9.8       |          |
| cis-1,3-Dichloropropene                      | 10061-01-5   | Q   | 0.50       | 2.3       |          |
| Toluene                                      | 108-88-3     |     | 1.8        | 6.7       |          |
| trans-1,3-Dichloropropene                    | 10061-02-6   | CIN | 0.50       | 2.3       |          |
| 1,1,2-Trichloroethane                        | 2-00-62      | ON  | 0.50       | 2.7       |          |
| 2-Hexanone(MBK)                              | 591-78-6     | CIN | 0.50       | 2.0       |          |
| Tetrachloroethene                            | 127-18-4     | CN  | 0.50       | 3.4       |          |
| Dibromochloromethane                         | 124-48-1     | UD  | 0.50       | 4.3       |          |
| 1,2-Dibromoethane                            | 106-93-4     | ON  | 0.50       | 3.8       |          |
| Chlorobenzene                                | 108-90-7     | æ   | 0.50       | 2.3       |          |
| Ethylbenzene                                 | 100-41-4     |     | 2.3        | 10        |          |
| Xylene (para & meta)                         | 1330-20-7    |     | 8.4        | 37        |          |
| Xylene (Ortho)                               | 95-47-6      |     | 3.2        | 14        |          |
| Styrene                                      | 100-42-5     |     | 0.95       | 4.0       |          |
| Bromoform                                    | 75-25-2      | Œ   | 0.50       | 5.2       |          |
| 1,1,2,2-Tetrachloroethane                    | 79-34-5      | ď   | 0.50       | 3.4       |          |
| 4-Ethyitoluene                               | 622-96-8     |     | 0.88       | 4.3       |          |
| 1,3,5-Trimethylbenzene                       | 108-67-8     | ŒN  | 0.50       | 2.5       |          |
| 2-Chlorotoluene                              | 95-49-8      | QN  | 0.50       | 2.6       |          |
| 1,2,4-Trimethylbenzene                       | 95-63-6      |     | 1.1        | 5.3       |          |
| 1,3-Dichlorobenzene                          | 541-73-1     | CIN | 0.50       | 3.0       |          |
| 1,4-Dichlorobenzene                          | 106-46-7     |     | 1.0        | 6.1       |          |
| Benzyl chloride                              | 100-44-7     | Ð   | 0.50       | 3.7       |          |
| 1,2-Dichlorobenzene                          | 95-50-1      | Ø   | 0.50       | 3.0       |          |
| 1,2,4-Trichlorobenzene                       | 120-82-1     | CN  | 0.50       | 3.7       |          |
| Hexachloro-1,3-butadiene                     | 87-68-3      | MD  | 0.50       | 5.3       |          |
| Surrogate                                    | Result(ppbv) |     | True(ppbv) | "Recovery | Limits % |
| 4-Bromofluorobenzene                         | 11.96        |     | 10.00      | 120       | 70 - 130 |

D=J3343.D

53 3.8

2.0 0.84 <u>당</u>

> 0.50 0.84 0.50 0.50

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75-35-4 75-05-8

75-65-0

8

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76-13-1 57-64-1

reon 113(1,1,2-Trichlorotrifluoroethan

1-Dichloroethene

**Acetonitrile** 

67-63-0

2.6

9.

5.2

0.50 0.50 0.50 0.50 0.50

5

<del>∞</del> 7 7 9 8

634-04-4

Methyl-tert-butyl ether(MTBE)

Methylene chloride

Acrylonitrile

Carbon disulfide

rans-1,2-Dichloroethene

1-Dichloroethane

n-Hexane

110-54-3

75-34-3

56-60-5

75-09-2 107-13-1

75-15-0

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2

3.4

g

108-05-4

78-93-3

0.50 0.50 0.50

身 g B

156-59-2

cis-1,2-Dichloroethene

Ethyl acetate

Chloroform

2-Butanone(MEK)

Vinyl acetate

141-78-6

67-66-3

2.4

0.50 0.50

ğ Ę Q

71-55-6 110-82-7

540-84-1

2,2,4-Trimethylpentane (Isooctane)

1,1-Trichloroethane

Cyclohexane

etrahydrofuran

6-66-60

9

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74-96-4 107-05-1

3-Chloropropene (Allyl chloride)

Bromoethane (Ethyl bromide) ertiary butyl alcohol (TBA)

## Qualifier (Q) Key:

(No Qualifier in field) = Compound detected at reported concentration in ppbv and ug/m3.

ND = Not Detected.

D = Diluted. Reported from dilution run. Value is accurate.

B = Detected in blank.

E = Estimated Concentration. Exceeded calibration limit.

J = Detected below practical quatitation level, but above MDL.

ATTACHMENT 3
Field Notes

#### Notes from Concrete Cutting Kuhlman Electric Corporation Crystal Springs, MS

#### July 6 through 8, 2009

#### Day 1

07/06/09

```
0645 Arrive on site. Locate EMS crew with Concrete cutters in the Winding
      Department. Cut was in progress.
0700 Cut #1, located in the Winding Department, is completed.
0717 Calibrated FID
0730 Calibrated four gas meter
0742 Calibrated PID
0745 Initial readings at Cut #1
             PID
                    0.5 ppm
             FID
                    0 ppm
             4 gas H2S
                           0 ppm
                           37 ppm *
                    CO
                           20.9 %
                    \Omega2
```

0.0 %

LEL

\* determined to be due to the operation of diesel equipment in the vicinity. Levels dropped to the 0-12 range shortly after this reading was taken.

NOTE: Instruments were operated and monitored continuously; data logged only if something of interest was noted or at random intervals.

0815 Start cutting area #3, located in front of the vapor phase unit in the Core Department. Initial readings

```
PID 0.6 ppm
FID 0 ppm
4 gas H2S 0 ppm
CO 12 ppm
O2 20.9 %
LEL 0.0 %
```

- O836 Start breaking concrete in winding by driving track mounted pile driver down into cut area in a grid pattern, approximately 6-8 inches apart. Start air sample canister (Sample #1).
- 0900 Start cutting in area #2 near the Core Department Supervisor's Office. Initial readings

```
PID 0.6 ppm
FID 0 ppm
4 gas H2S 0 ppm
CO 0 ppm
```

O2 20.9 % LEL 0.0 %

- 1005 Completed punching holes in Cut #1.
- 1014 Start concrete removal by using a backhoe to pull/break concrete, loading in a bucket truck, transferring to a roll off.
- 1022 Loaded one bucket, roo offs not yet set. Sample canister set in exposed soil.
- 1100 Lunch break.
- 1203 Resume concrete removal.
- 1530 FID out of fuel.
- 1630 4 gas batteries drained.
- 1636 Collect sample #1 container. Total run time 8 hours.
- 1705 Done for the day. Removed approximately 12' x 18' of concrete and soil to a depth of 4'.
- 1715 Offsite.

#### <u>Day 2</u>

07/07/09

0650 Calibrate equipment. Take meter readings in excavation.

PID 0.0 ppm 4 gas H2S 0 ppm CO 0 ppm O2 20.9 % LEL 0.0 %

- 0745 Found leak; 4" PVC pipe going into an 8" cast iron drain line leaking.
- 0925 KEC removed pipe, capped both ends.
- 1000 Soil temp reading taken at freshly removed soil: 3" below soil surface 70F; 4' below soil surface 71F.
- 1130 Lunch Break.
- 1230 Resume concrete and soil removal.
- 1255 All concrete removed; soil removal continues.
- soil removal complete; clean up,. Reposition equipment, lining hole with poly.

#### Day 3

07/08/09

0650 Calibrate equipment.

0700 Took meter readings from Cut #1 before crew begins backfill.

PID 0.0 ppm 4 gas H2S 0 ppm CO 0 ppm O2 20.9 % LEL 0.0 % 0724 Started breaking concrete in front of Core Office. Started canister sample #2.

FID 0 ppm
PID 0.0 ppm
4 gas H2S 0 ppm
CO 0 ppm
O2 20.9 %
LEL 0.0 %

- O727 Scott with KEC requests we stop the current work and complete removal at area #3 at the Vapor Phase Tracks.
- 0730 Start breaking concrete at location #3,. Start canister sample #3.

FID 0 ppm
PID 0.0 ppm
4 gas H2S 0 ppm
CO 0 ppm
O2 20.9 %
LEL 0.0 %

- O808 Another crew started grinding and cutting rails n the adjacent vapor phase (approx. 15 feet from sample location).
- 0940 Started removing concrete and some soil from area #3.

FID 0 ppm PID 0.0 ppm 4 gas H2S 0 ppm CO 0 ppm O2 20.9 % LEL 0.0 %

- 1012 Stopped sample #2; will continue when work recommences.
- 1045 Stop for lunch while KEC personnel remove metal tracks.
- 1145 Resume concrete removal.

FID 0 ppm
PID 0.0 ppm
4 gas H2S 0 ppm
CO 0 ppm
O2 20.9 %
LEL 0.0 %

1210 FID 0 ppm
PID 0.0 ppm
4 gas H2S 0 ppm
CO 33 ppm\*
O2 20.9 %
LEL 0.0 %

- \* believed to be from equipment exhaust; meter relocated away from exhaust.
- 1215 FID out of fuel. Monitoring with PID and 4 gas continues.
- 1405 Complete removal at area #3.

1410 Resume work at area #2. Resume canister sample #2.

PID 0.0 ppm 4 gas H2S 0 ppm 0 ppm CO 20.9 % O2LEL 0.0 %

Sample rolloff boxes. Composite soil samples collected from each rolloff. Complete concrete removal at area #2. 1545

1622