

May 16, 2008

Derek Ingram  
Philip Environmental  
210 West Sand Bank Road  
Columbia, IL 62236-0230  
TEL: (618) 281-7173  
FAX: (618) 281-5120



**RE:** A831-735002-012901-225/IP Champaign 62403053

**WorkOrder:** 08050440

Dear Derek Ingram:

TEKLAB, INC received 1 sample on 4/16/2008 10:00:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink that reads 'Heather A. White'.

Heather A. White  
Project Manager  
(618)344-1004 ex.20

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

**Client:** Philip Environmental

## SAMPLE SUMMARY

**Project:** A831-735002-012901-225/IP Champaign 62403053

**Lab Order:** 08050440

**Report Date:** 16-May-08

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| Lab Sample ID | Client Sample ID | Fractions | Collection Date       |
|---------------|------------------|-----------|-----------------------|
| 08050440-001  | B800 (2-3 ft)    | 1         | 4/14/2008 12:15:00 PM |

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ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004  
FAX: 618-344-1005

**Client:** Philip Environmental

## CASE NARRATIVE

**Project:** A831-735002-012901-225/IP Champaign 62403053

**LabOrder:** 08050440

**Report Date:** 16-May-08

**Cooler Receipt Temp:** °C

### State accreditations:

KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Additional analysis requested to WO #08040620. Analysis requested outside of holding time for total cyanide and amenable cyanide.

### Qualifiers

**DF** - Dilution Factor

**RL** - Reporting Limit

**ND** - Not Detected at the Reporting Limit

**Surr** - Surrogate Standard added by lab

**TNTC** - Too numerous to count (> 200 CFU)

**Q** - QC criteria failed or noncompliant CCV

**NELAP** - IL ELAP and NELAP Accredited Field of Testing

**B** - Analyte detected in the associated Method Blank

**J** - Analyte detected below reporting limits

**R** - RPD outside accepted recovery limits

**S** - Spike Recovery outside accepted recovery limits

**X** - Value exceeds Maximum Contaminant Level

**#** - Unknown hydrocarbon

**IDPH** - IL Dept. of Public Health

**C** - Client requested RL below

**D** - Diluted out of sample

**E** - Value above quantitation range

**H** - Holding time exceeded

**MI** - Matrix interference

**DNI** - Did not ignite

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

## LABORATORY RESULTS

**Client:** Philip Environmental  
**WorkOrder:** 08050440  
**Lab ID:** 08050440-001  
**Report Date:** 16-May-08

**Client Project:** A831-735002-012901-225/IP Champ  
**Client Sample ID:** B800 (2-3 ft)  
**Collection Date:** 4/14/2008 12:15:00 PM  
**Matrix:** SOLID

| Analyses                                         | Certification | RL   | Qual | Result              | Units     | DF | Date Analyzed        | Analyst |
|--------------------------------------------------|---------------|------|------|---------------------|-----------|----|----------------------|---------|
| <b><u>SW-846 3050B, 6010B, METALS BY ICP</u></b> |               |      |      |                     |           |    |                      |         |
| Arsenic                                          | NELAP         | 2.50 |      | <b>6.22</b>         | mg/Kg-dry | 1  | 5/14/2008 5:17:14 PM | LAL     |
| Chromium                                         | NELAP         | 1.00 |      | <b>16.5</b>         | mg/Kg-dry | 1  | 5/14/2008 5:17:14 PM | LAL     |
| Lead                                             | NELAP         | 4.00 |      | <b>74.4</b>         | mg/Kg-dry | 1  | 5/15/2008 2:49:37 PM | CRK     |
| <b><u>SW-846 9010B, 9014</u></b>                 |               |      |      |                     |           |    |                      |         |
| Cyanide                                          | NELAP         | 0.61 | JH   | <b>0.39</b>         | mg/Kg-dry | 1  | 5/14/2008            | AET     |
| <b><u>SW-846 9014A</u></b>                       |               |      |      |                     |           |    |                      |         |
| Cyanide, Amenable to Chlorination                |               | 0.61 | H    | <b>Interference</b> | mg/Kg-dry | 1  | 5/14/2008            | AET     |

### Sample Narrative

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

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**Client:** Philip Environmental

## DATES REPORT

**Project:** A831-735002-012901-225/IP Champaign 62403053

**Lab Order:** 08050440

**Report Date:** 16-May-08

| Sample ID     | Client Sample ID | Collection Date | Matrix | Test Name                          | Prep Date | Analysis Date |
|---------------|------------------|-----------------|--------|------------------------------------|-----------|---------------|
| 08050440-001A | B800 (2-3 ft)    | 4/14/2008       | Solid  | SW-846 3050B, 6010B, Metals by ICP | 5/13/2008 | 5/13/2008     |
|               |                  |                 |        | SW-846 3050B, 6010B, Metals by ICP | 5/13/2008 | 5/14/2008     |
|               |                  |                 |        | SW-846 3050B, 6010B, Metals by ICP | 5/15/2008 | 5/15/2008     |
|               |                  |                 |        | SW-846 9010B, 9014                 | 5/12/2008 | 5/14/2008     |
|               |                  |                 |        | SW-846 9014A                       | 5/13/2008 | 5/14/2008     |

**ANALYTICAL QC SUMMARY REPORT**

**Key QC concepts:**

- CCV** Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF** Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DUP** Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot. (NELAC)
- ICV** Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- LCS** Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. (NELAC) The acceptable recovery range is listed in this report.
- MS** Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in this report.
- MSD** Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in this report.
- MDL** Method detection limit or limit of detection (LOD) means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MB/LCB** Method blank or lab control blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses. (NELAC)
- PQL** Practical quantitation limit or limit of quantitation (LOQ) means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in this report.
- RL** The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD** Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in this report.
- SPK** The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes. (NELAC)
- Surr** Surrogates are an organic compound which is similar to the analytes of interest in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples.

| Qualifiers                                        |                                                            |                                          |                                             |
|---------------------------------------------------|------------------------------------------------------------|------------------------------------------|---------------------------------------------|
| <b>DF</b> - Dilution Factor                       | <b>B</b> - Analyte detected in the associated Method Blank | <b>C</b> - Client requested RL below PQL | <b>MI</b> - Matrix interference             |
| <b>RL</b> - Reporting Limit                       | <b>J</b> - Analyte detected below reporting limits         | <b>D</b> - Diluted out of sample         | <b>DNI</b> - Did not ignite                 |
| <b>ND</b> - Not Detected at the Reporting Limit   | <b>R</b> - RPD outside accepted recovery limits            | <b>IDPH</b> - IL Dept. of Public Health  | <b>E</b> - Value above quantitation range   |
| <b>Surr</b> - Surrogate Standard added by lab     | <b>S</b> - Spike Recovery outside accepted recovery limits | <b>Q</b> - QC criteria failed            | <b>H</b> - Holding time exceeded            |
| <b>TNTC</b> - Too numerous to count ( > 200 CFU ) | <b>X</b> - Value exceeds Maximum Contaminant Level         | <b>#</b> - Unknown hydrocarbon           | <b>NELAP</b> - IL ELAP and NELAP Accredited |

Client: Philip Environmental

Project: A831-735002-012901-225/IP Champaign 62403053

Lab Order: 08050440

Report Date: 16-May-08

## ANALYTICAL QC SUMMARY REPORT

TestCode: I\_TCN\_S\_MT

|                              |                        |                     |                                 |                       |      |          |           |             |      |          |      |
|------------------------------|------------------------|---------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>MB-R108067</b> | SampType: <b>MBLK</b>  | Units: <b>mg/Kg</b> | Prep Date: <b>5/12/2008</b>     | RunNo: <b>108067</b>  |      |          |           |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>     | Batch ID: <b>44826</b> | <b>SW9010</b>       | Analysis Date: <b>5/13/2008</b> | SeqNo: <b>1945262</b> |      |          |           |             |      |          |      |
| Analyte                      | Result                 | PQL                 | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Cyanide < 0.01 0.01

|                               |                        |                     |                                 |                       |      |          |           |             |      |          |      |
|-------------------------------|------------------------|---------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>LCS-R108067</b> | SampType: <b>LCS</b>   | Units: <b>mg/Kg</b> | Prep Date: <b>5/12/2008</b>     | RunNo: <b>108067</b>  |      |          |           |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>      | Batch ID: <b>44826</b> | <b>SW9010</b>       | Analysis Date: <b>5/13/2008</b> | SeqNo: <b>1945263</b> |      |          |           |             |      |          |      |
| Analyte                       | Result                 | PQL                 | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Cyanide 0.19 0.01 0.2000 0 94.1 85 115

|                                |                        |                     |                                 |                       |      |          |           |             |      |          |      |
|--------------------------------|------------------------|---------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>LCSD-R108067</b> | SampType: <b>LCSD</b>  | Units: <b>mg/Kg</b> | Prep Date: <b>5/12/2008</b>     | RunNo: <b>108067</b>  |      |          |           |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>       | Batch ID: <b>44826</b> | <b>SW9010</b>       | Analysis Date: <b>5/13/2008</b> | SeqNo: <b>1945264</b> |      |          |           |             |      |          |      |
| Analyte                        | Result                 | PQL                 | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Cyanide 0.20 0.01 0.2000 0 99.7 85 115 0.1881 5.84 15

Client: Philip Environmental

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

TestCode: M\_SOLIDS\_ICP

Lab Order: 08050440

Report Date: 16-May-08

|                            |                        |                         |                                 |                       |      |          |           |             |      |          |      |
|----------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>MB-44806</b> | SampType: <b>MBLK</b>  | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/13/2008</b>     | RunNo: <b>108079</b>  |      |          |           |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>   | Batch ID: <b>44806</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/13/2008</b> | SeqNo: <b>1945559</b> |      |          |           |             |      |          |      |
| Analyte                    | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|         |        |      |       |   |   |      |     |  |  |  |  |
|---------|--------|------|-------|---|---|------|-----|--|--|--|--|
| Arsenic | < 2.50 | 2.50 | 2.500 | 0 | 0 | -100 | 100 |  |  |  |  |
| Lead    | < 4.00 | 4.00 | 4.000 | 0 | 0 | -100 | 100 |  |  |  |  |

|                             |                        |                         |                                 |                       |      |          |           |             |      |          |      |
|-----------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>LCS-44806</b> | SampType: <b>LCS</b>   | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/13/2008</b>     | RunNo: <b>108079</b>  |      |          |           |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>    | Batch ID: <b>44806</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/13/2008</b> | SeqNo: <b>1945560</b> |      |          |           |             |      |          |      |
| Analyte                     | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|         |      |      |       |   |      |    |     |  |  |  |  |
|---------|------|------|-------|---|------|----|-----|--|--|--|--|
| Arsenic | 192  | 2.50 | 200.0 | 0 | 96.2 | 85 | 115 |  |  |  |  |
| Lead    | 49.7 | 4.00 | 50.00 | 0 | 99.4 | 85 | 115 |  |  |  |  |

|                            |                        |                         |                                 |                       |      |          |           |             |      |          |      |
|----------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>MB-44806</b> | SampType: <b>MBLK</b>  | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/13/2008</b>     | RunNo: <b>108118</b>  |      |          |           |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>   | Batch ID: <b>44806</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/14/2008</b> | SeqNo: <b>1947235</b> |      |          |           |             |      |          |      |
| Analyte                    | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |      |     |  |  |  |   |
|----------|------|------|-------|---|------|------|-----|--|--|--|---|
| Chromium | 0.64 | 1.00 | 1.000 | 0 | 64.0 | -100 | 100 |  |  |  | J |
|----------|------|------|-------|---|------|------|-----|--|--|--|---|

|                             |                        |                         |                                 |                       |      |          |           |             |      |          |      |
|-----------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>LCS-44806</b> | SampType: <b>LCS</b>   | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/13/2008</b>     | RunNo: <b>108118</b>  |      |          |           |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>    | Batch ID: <b>44806</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/14/2008</b> | SeqNo: <b>1947236</b> |      |          |           |             |      |          |      |
| Analyte                     | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |    |     |  |  |  |  |
|----------|------|------|-------|---|------|----|-----|--|--|--|--|
| Chromium | 19.7 | 1.00 | 20.00 | 0 | 98.6 | 85 | 115 |  |  |  |  |
|----------|------|------|-------|---|------|----|-----|--|--|--|--|

|                                   |                        |                         |                                 |                       |      |          |           |             |      |          |      |
|-----------------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: <b>08050440-001AMS</b> | SampType: <b>MS</b>    | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/13/2008</b>     | RunNo: <b>108118</b>  |      |          |           |             |      |          |      |
| Client ID: <b>B800 (2-3 ft)MS</b> | Batch ID: <b>44806</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/14/2008</b> | SeqNo: <b>1947253</b> |      |          |           |             |      |          |      |
| Analyte                           | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|          |      |      |       |       |      |    |     |  |  |  |  |
|----------|------|------|-------|-------|------|----|-----|--|--|--|--|
| Arsenic  | 187  | 2.50 | 200.0 | 6.220 | 90.3 | 75 | 125 |  |  |  |  |
| Chromium | 34.8 | 1.00 | 20.00 | 16.49 | 91.5 | 75 | 125 |  |  |  |  |



Client: Philip Environmental

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

TestCode: M\_SOLIDS\_ICP

Lab Order: 08050440

Report Date: 16-May-08

| Sample ID: <b>08050440-001AMSD</b> | SampType: <b>MSD</b>   | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/13/2008</b>     | RunNo: <b>108118</b>  |      |          |           |             |      |          |      |
|------------------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: <b>B800 (2-3 ft)MSD</b> | Batch ID: <b>44806</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/14/2008</b> | SeqNo: <b>1947254</b> |      |          |           |             |      |          |      |
| Analyte                            | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|          |      |      |       |       |       |    |     |       |      |    |  |
|----------|------|------|-------|-------|-------|----|-----|-------|------|----|--|
| Arsenic  | 195  | 2.50 | 200.0 | 6.220 | 94.5  | 75 | 125 | 186.8 | 4.45 | 20 |  |
| Chromium | 37.1 | 1.00 | 20.00 | 16.49 | 103.1 | 75 | 125 | 34.79 | 6.45 | 20 |  |

| Sample ID: <b>MB-44863</b> | SampType: <b>MBLK</b>  | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/15/2008</b>     | RunNo: <b>108133</b>  |      |          |           |             |      |          |      |
|----------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: <b>ZZZZZZ</b>   | Batch ID: <b>44863</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/15/2008</b> | SeqNo: <b>1948451</b> |      |          |           |             |      |          |      |
| Analyte                    | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|          |        |      |       |   |   |      |     |  |  |  |  |
|----------|--------|------|-------|---|---|------|-----|--|--|--|--|
| Chromium | < 1.00 | 1.00 | 1.000 | 0 | 0 | -100 | 100 |  |  |  |  |
| Lead     | < 4.00 | 4.00 | 4.000 | 0 | 0 | -100 | 100 |  |  |  |  |

| Sample ID: <b>LCS-44863</b> | SampType: <b>LCS</b>   | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/15/2008</b>     | RunNo: <b>108133</b>  |      |          |           |             |      |          |      |
|-----------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: <b>ZZZZZZ</b>    | Batch ID: <b>44863</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/15/2008</b> | SeqNo: <b>1948452</b> |      |          |           |             |      |          |      |
| Analyte                     | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|          |      |      |       |   |      |    |     |  |  |  |  |
|----------|------|------|-------|---|------|----|-----|--|--|--|--|
| Chromium | 19.1 | 1.00 | 20.00 | 0 | 95.6 | 85 | 115 |  |  |  |  |
| Lead     | 46.2 | 4.00 | 50.00 | 0 | 92.4 | 85 | 115 |  |  |  |  |

| Sample ID: <b>08050440-001AMS</b> | SampType: <b>MS</b>    | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/15/2008</b>     | RunNo: <b>108133</b>  |      |          |           |             |      |          |      |
|-----------------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: <b>B800 (2-3 ft)MS</b> | Batch ID: <b>44863</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/15/2008</b> | SeqNo: <b>1948614</b> |      |          |           |             |      |          |      |
| Analyte                           | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|      |     |      |       |       |       |    |     |  |  |  |  |
|------|-----|------|-------|-------|-------|----|-----|--|--|--|--|
| Lead | 130 | 4.00 | 50.00 | 74.40 | 111.4 | 75 | 125 |  |  |  |  |
|------|-----|------|-------|-------|-------|----|-----|--|--|--|--|

| Sample ID: <b>08050440-001AMSD</b> | SampType: <b>MSD</b>   | Units: <b>mg/Kg-dry</b> | Prep Date: <b>5/15/2008</b>     | RunNo: <b>108133</b>  |      |          |           |             |      |          |      |
|------------------------------------|------------------------|-------------------------|---------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: <b>B800 (2-3 ft)MSD</b> | Batch ID: <b>44863</b> | <b>SOP 3032</b>         | Analysis Date: <b>5/15/2008</b> | SeqNo: <b>1948615</b> |      |          |           |             |      |          |      |
| Analyte                            | Result                 | PQL                     | SPK value                       | SPK Ref Val           | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

|      |     |      |       |       |      |    |     |       |      |    |  |
|------|-----|------|-------|-------|------|----|-----|-------|------|----|--|
| Lead | 115 | 4.00 | 50.00 | 74.40 | 81.0 | 75 | 125 | 130.1 | 12.4 | 20 |  |
|------|-----|------|-------|-------|------|----|-----|-------|------|----|--|

Client: Philip Environmental

# ANALYTICAL QC SUMMARY REPORT

Project: A831-735002-012901-225/IP Champaign 62403053

TestCode: M\_SOLIDS\_ICP

Lab Order: 08050440

Report Date: 16-May-08

|                            |                        |                         |           |             |      |                                 |                       |             |      |          |      |
|----------------------------|------------------------|-------------------------|-----------|-------------|------|---------------------------------|-----------------------|-------------|------|----------|------|
| Sample ID: <b>MB-44863</b> | SampType: <b>MBLK</b>  | Units: <b>mg/Kg-dry</b> |           |             |      | Prep Date: <b>5/15/2008</b>     | RunNo: <b>108193</b>  |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>   | Batch ID: <b>44863</b> | <b>SOP 3032</b>         |           |             |      | Analysis Date: <b>5/15/2008</b> | SeqNo: <b>1948794</b> |             |      |          |      |
| Analyte                    | Result                 | PQL                     | SPK value | SPK Ref Val | %REC | LowLimit                        | HighLimit             | RPD Ref Val | %RPD | RPDLimit | Qual |

|      |        |      |       |   |   |      |     |  |  |  |  |
|------|--------|------|-------|---|---|------|-----|--|--|--|--|
| Lead | < 4.00 | 4.00 | 4.000 | 0 | 0 | -100 | 100 |  |  |  |  |
|------|--------|------|-------|---|---|------|-----|--|--|--|--|

|                             |                        |                         |           |             |      |                                 |                       |             |      |          |      |
|-----------------------------|------------------------|-------------------------|-----------|-------------|------|---------------------------------|-----------------------|-------------|------|----------|------|
| Sample ID: <b>LCS-44863</b> | SampType: <b>LCS</b>   | Units: <b>mg/Kg-dry</b> |           |             |      | Prep Date: <b>5/15/2008</b>     | RunNo: <b>108193</b>  |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>    | Batch ID: <b>44863</b> | <b>SOP 3032</b>         |           |             |      | Analysis Date: <b>5/15/2008</b> | SeqNo: <b>1948795</b> |             |      |          |      |
| Analyte                     | Result                 | PQL                     | SPK value | SPK Ref Val | %REC | LowLimit                        | HighLimit             | RPD Ref Val | %RPD | RPDLimit | Qual |

|      |      |      |       |   |      |    |     |  |  |  |  |
|------|------|------|-------|---|------|----|-----|--|--|--|--|
| Lead | 49.8 | 4.00 | 50.00 | 0 | 99.5 | 85 | 115 |  |  |  |  |
|------|------|------|-------|---|------|----|-----|--|--|--|--|

|                            |                        |                         |           |             |      |                                 |                       |             |      |          |      |
|----------------------------|------------------------|-------------------------|-----------|-------------|------|---------------------------------|-----------------------|-------------|------|----------|------|
| Sample ID: <b>MB-44863</b> | SampType: <b>MBLK</b>  | Units: <b>mg/Kg-dry</b> |           |             |      | Prep Date: <b>5/15/2008</b>     | RunNo: <b>108224</b>  |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>   | Batch ID: <b>44863</b> | <b>SOP 3032</b>         |           |             |      | Analysis Date: <b>5/16/2008</b> | SeqNo: <b>1949736</b> |             |      |          |      |
| Analyte                    | Result                 | PQL                     | SPK value | SPK Ref Val | %REC | LowLimit                        | HighLimit             | RPD Ref Val | %RPD | RPDLimit | Qual |

|          |        |      |       |   |   |      |     |  |  |  |  |
|----------|--------|------|-------|---|---|------|-----|--|--|--|--|
| Arsenic  | < 2.50 | 2.50 | 2.500 | 0 | 0 | -100 | 100 |  |  |  |  |
| Chromium | < 1.00 | 1.00 | 1.000 | 0 | 0 | -100 | 100 |  |  |  |  |

|                             |                        |                         |           |             |      |                                 |                       |             |      |          |      |
|-----------------------------|------------------------|-------------------------|-----------|-------------|------|---------------------------------|-----------------------|-------------|------|----------|------|
| Sample ID: <b>LCS-44863</b> | SampType: <b>LCS</b>   | Units: <b>mg/Kg-dry</b> |           |             |      | Prep Date: <b>5/15/2008</b>     | RunNo: <b>108224</b>  |             |      |          |      |
| Client ID: <b>ZZZZZZ</b>    | Batch ID: <b>44863</b> | <b>SOP 3032</b>         |           |             |      | Analysis Date: <b>5/16/2008</b> | SeqNo: <b>1949737</b> |             |      |          |      |
| Analyte                     | Result                 | PQL                     | SPK value | SPK Ref Val | %REC | LowLimit                        | HighLimit             | RPD Ref Val | %RPD | RPDLimit | Qual |

|          |      |      |       |   |       |    |     |  |  |  |  |
|----------|------|------|-------|---|-------|----|-----|--|--|--|--|
| Arsenic  | 212  | 2.50 | 200.0 | 0 | 106.0 | 85 | 115 |  |  |  |  |
| Chromium | 21.1 | 1.00 | 20.00 | 0 | 105.6 | 85 | 115 |  |  |  |  |

08050440

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 08050440

12-May-08

TEKLAB, INC  
5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425  
TEL: (618) 344-1004  
FAX: (618) 344-1005

**Client:**

Philip Environmental  
210 West Sand Bank Road  
Columbia, IL 62236-0230


TEL: (618) 281-7173  
FAX: (618) 281-5120  
Project: A831-735002-012901-225/I

| Sample ID    | ClientSampleID | Matrix | Date Collected        | Bottle | Requested Tests |            |
|--------------|----------------|--------|-----------------------|--------|-----------------|------------|
|              |                |        |                       |        | SW9014          | SW9014 (A) |
| 08050440-001 | B800 (2-3 ft)  | Solid  | 4/14/2008 12:15:00 PM | A      | A               |            |

Comments: data in excel

|                        |                  |
|------------------------|------------------|
|                        | <b>Date/Time</b> |
| Relinquished by: _____ | _____            |
| Relinquished by: _____ | _____            |
| Relinquished by: _____ | _____            |

|                                                                                                |                  |
|------------------------------------------------------------------------------------------------|------------------|
|                                                                                                | <b>Date/Time</b> |
| Received by:  | 5/12/08          |
| Received by: _____                                                                             | _____            |
| Received by: _____                                                                             | _____            |

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other