

# ALLENDER BUTZKE ENGINEERS INC.

3660 109TH STREET • URBANDALE, IOWA 50322 • PHONE 515-252-1885 • FAX 515-252-1888

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CON: 12-15  
Doc # 24259

April 29, 2011

PN 113124

## SHOOTING RANGE SITE ASSESSMENT

INDIANOLA SOUTH PLANT LIFT STATION  
EQUALIZATION BASIN EXPANSION PROJECT  
INDIANOLA, IOWA

PERFORMED FOR

CITY OF INDIANOLA  
110 NORTH FIRST STREET  
INDIANOLA, IOWA 50125

# ALLENDER BUTZKE ENGINEERS INC.

3660 109TH STREET • URBANDALE, IOWA 50322 • PHONE 515-252-1885 • FAX 515-252-1888



City of Indianola  
110 North First Street  
Indianola, Iowa 50125

April 29, 2011

Attn: Tim Zisoff

**RE: Shooting Range Site Assessment  
Indianola South Plant Lift Station  
Equalization Basin Expansion Project  
Indianola, Iowa  
PN 113124**

Dear Mr. Zisoff:

The following report describes the sampling and laboratory chemical analysis of 46 soil samples at the above-referenced site. The objective of the site assessment was to investigate lead and antimony levels in surface soils located on a newly-constructed berm.

We appreciate the opportunity to provide our environmental services for this project. If you have any questions concerning this project, or require further assistance, please contact our office at your convenience.

Respectfully,  
ALLENDER BUTZKE ENGINEERS INC.

Donald D. Edds  
Environmental Geologist

cc: Dan Cook, Iowa Department of Natural Resources  
Forrest Aldrich, Veenstra & Kimm, Inc.

REC'D MAY - 3 2011

## **1.0 INTRODUCTION**

According to the Site Assessment Plan prepared by Veenstra & Kimm, Inc. on February 2, 2011, surface soils that originated from a shooting range were reused as topsoil on a berm located around the Indianola South Plant Lift Station Equalization Basin. The soils from the shooting range were respread on top of the newly-constructed berm in a layer 6 to 10 inches thick.

Dan Cook of the Iowa Department of Natural Resources collected four soil samples from the site on December 3, 2010. One of the soil samples exhibited a lead concentration of 2589.05 milligrams/kilogram, which exceeded the statewide standard of 400 mg/kg. The IDNR issued a Notice of Violation to the City of Indianola on December 9, 2010 and directed them to perform additional soil testing at the site.

Veenstra & Kimm, Inc. proposed that the project site be divided into 46 grids of approximately equal area. One soil sample would then be collected from each grid and tested for total lead and total antimony. The following report includes information on the sampling grid layout, soil sampling, and laboratory chemical analysis.

## **2.0 SAMPLING GRID LAYOUT**

The sampling grid was laid out by Allender Butzke Engineers Inc. on April 11, 2011 in accordance with the Site Plan prepared by Veenstra & Kimm, Inc. The Site Plan is enclosed in the Appendix. The Site Plan shows the project site divided into 46 sampling grids. Most of the sampling grids measured 25 ft. x 25 ft. or 18 ft. x 35 ft.

A measuring wheel and steel measuring tape were used for laying out the grids and pink wire flags were used to mark the grid corners. The grids were identified with numbered wood lath placed in the center of each grid.

## **3.0 SOIL SAMPLING**

The soil samples were collected from the project site on April 11 and 12, 2011 by Allender Butzke Engineers Inc. The soil samples were collected with a shovel. The shovel was cleaned with an Alconox solution and rinsed with water between each grid to prevent cross-contamination.

Each soil sample was a composite of three randomly-selected areas located within each grid. The soil sampling areas were marked in the field with yellow flags. The upper 6 to 8 inches of soil were sampled from each area, with sample portions obtained from different depths in each area. The composite soil samples were placed in laboratory-provided glass jars and shipped to the laboratory for chemical analysis.

#### **4.0    LABORATORY CHEMICAL ANALYSIS**

Chemical analysis of the soil samples was performed by Keystone Laboratories, Inc. The soil samples were analyzed for total lead and total antimony in accordance with EPA Method 6010B. The results of the soil tests are shown in Table No. 1 and on the Analytical Report enclosed in the Appendix. Total lead and total antimony concentrations are reported in milligrams per kilogram (mg/kg), which is equivalent to parts per million (ppm).

#### **5.0    RESULTS**

The Analytical Report indicates that total lead and total antimony concentrations were less than method detection limits or less than statewide standards in all soil samples. Total lead concentrations ranged from 13.8 ppm in Sample #46 to 148 ppm in Sample #33. These concentrations are less than the statewide standard of 400 ppm for lead. Total antimony concentrations were <5.0 ppm in all samples. The statewide standard for antimony in soil is 31 ppm.

#### **6.0    GENERAL**

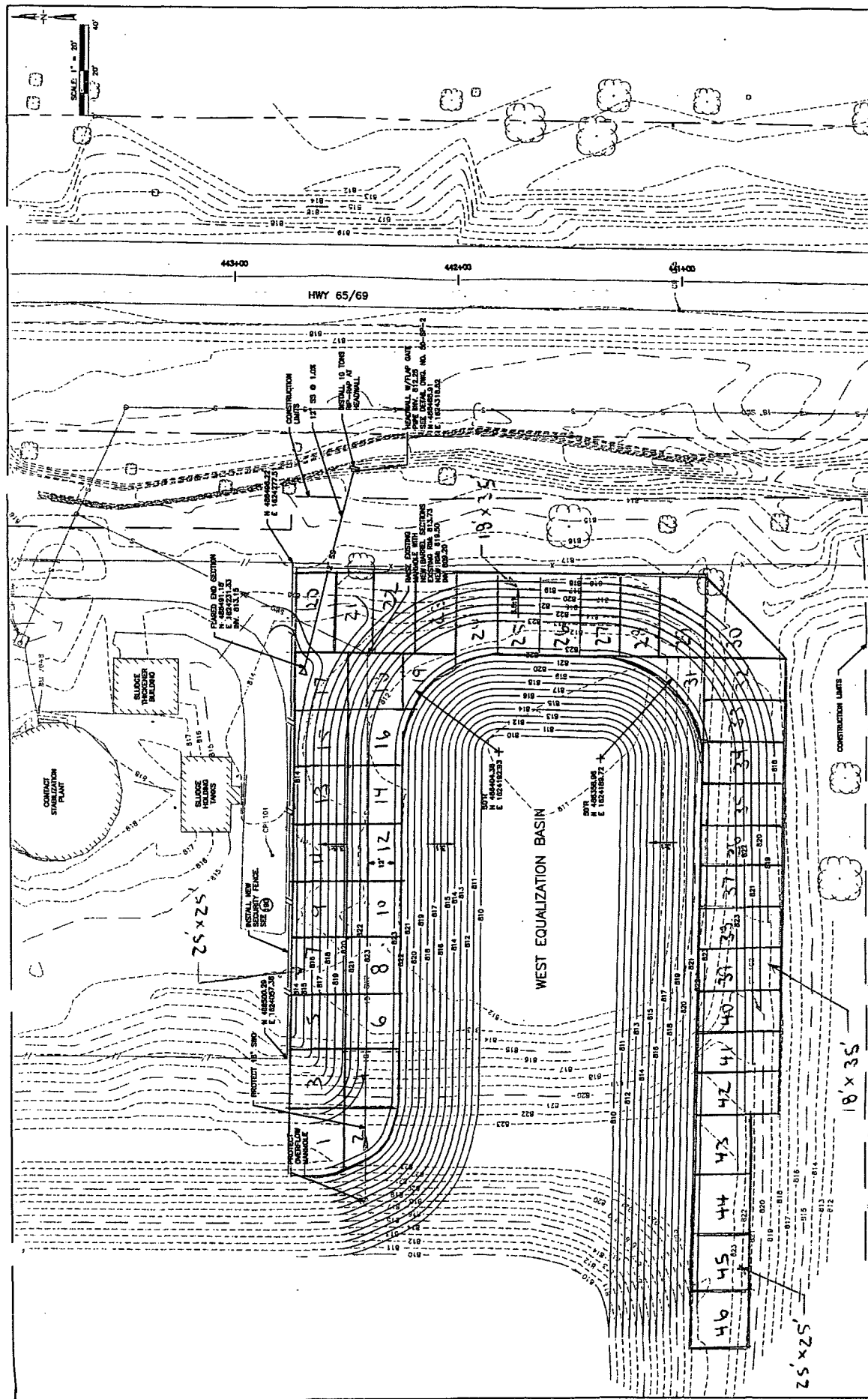
This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted environmental assessment practices. Reliance by any other party is prohibited without the written authorization of the client or Allender Butzke Engineers Inc. Evaluation of analytical test results is based on current state action levels regarding acceptable concentrations and methods. Failure to discover hazardous substances or conditions at the time of this report, within the scope of this investigation, does not guarantee unacceptable levels of hazardous materials might not exist at the site. We make no warranty, expressed or implied, for this property nor make certification of the suitability of the future use of the property based on the results of this assessment, except that our services were performed with the level of care and skill ordinarily practiced by members of the profession in this area at this time under similar budget and time restraints.

Table No. 1  
Laboratory Chemical Analysis of Soil

| Sample No. | Grid No. | Total Lead<br>(mg/kg) | Total Antimony<br>(mg/kg) |
|------------|----------|-----------------------|---------------------------|
| WBL-1      | 1        | 26.1                  | <5.0                      |
| WBL-2      | 2        | 27.1                  | <5.0                      |
| WBL-3      | 3        | 43.9                  | <5.0                      |
| WBL-4      | 4        | 29.0                  | <5.0                      |
| WBL-5      | 5        | 69.7                  | <5.0                      |
| WBL-6      | 6        | 43.7                  | <5.0                      |
| WBL-7      | 7        | 32.4                  | <5.0                      |
| WBL-8      | 8        | 46.3                  | <5.0                      |
| WBL-9      | 9        | 56.0                  | <5.0                      |
| WBL-10     | 10       | 39.3                  | <5.0                      |
| WBL-11     | 11       | 51.5                  | <5.0                      |
| WBL-12     | 12       | 60.9                  | <5.0                      |
| WBL-13     | 13       | 49.1                  | <5.0                      |
| WBL-14     | 14       | 32.5                  | <5.0                      |
| WBL-15     | 15       | 60.9                  | <5.0                      |
| WBL-16     | 16       | 23.7                  | <5.0                      |
| WBL-17     | 17       | 29.2                  | <5.0                      |
| WBL-18     | 18       | 77.0                  | <5.0                      |
| WBL-19     | 19       | 60.8                  | <5.0                      |
| WBL-20     | 20       | 44.0                  | <5.0                      |
| WBL-21     | 21       | 25.3                  | <5.0                      |
| WBL-22     | 22       | 33.4                  | <5.0                      |
| WBL-23     | 23       | 22.7                  | <5.0                      |

|                    |    |      |      |
|--------------------|----|------|------|
| WBL-24             | 24 | 47.6 | <5.0 |
| WBL-25             | 25 | 24.7 | <5.0 |
| WBL-26             | 26 | 41.9 | <5.0 |
| WBL-27             | 27 | 130  | <5.0 |
| WBL-28             | 28 | 67.3 | <5.0 |
| WBL-29             | 29 | 144  | <5.0 |
| WBL-30             | 30 | 122  | <5.0 |
| WBL-31             | 31 | 123  | <5.0 |
| WBL-32             | 32 | 38.1 | <5.0 |
| WBL-33             | 33 | 148  | <5.0 |
| WBL-34             | 34 | 32.8 | <5.0 |
| WBL-35             | 35 | 35.7 | <5.0 |
| WBL-36             | 36 | 17.2 | <5.0 |
| WBL-37             | 37 | 16.0 | <5.0 |
| WBL-38             | 38 | 30.3 | <5.0 |
| WBL-39             | 39 | 18.5 | <5.0 |
| WBL-40             | 40 | 104  | <5.0 |
| WBL-41             | 41 | 14.3 | <5.0 |
| WBL-42             | 42 | 20.3 | <5.0 |
| WBL-43             | 43 | 24.7 | <5.0 |
| WBL-44             | 44 | 28.7 | <5.0 |
| WBL-45             | 45 | 15.4 | <5.0 |
| WBL-46             | 46 | 13.8 | <5.0 |
| Statewide Standard |    | 400  | 31   |

## **APPENDIX**



|                                         |  |                                         |  |
|-----------------------------------------|--|-----------------------------------------|--|
| DWG. NO.                                |  | 02-C-3                                  |  |
| VENSTRA & KIMM, INC.                    |  | WEST EQUALIZATION BASIN                 |  |
| VENSTRA & KIMM, INC.                    |  | VENSTRA & KIMM, INC.                    |  |
| 5000 Westheimer Parkway<br>515-222-6000 |  | 5000 Westheimer Parkway<br>515-222-6000 |  |
| DATE: 5/7/10                            |  | DATE: 5/7/10                            |  |
| BY: [Signature]                         |  | BY: [Signature]                         |  |
| CHECKED: [Signature]                    |  | CHECKED: [Signature]                    |  |
| APPROVED: [Signature]                   |  | APPROVED: [Signature]                   |  |
| SCALE: AS NOTED                         |  | SCALE: AS NOTED                         |  |
| REVISIONS                               |  | REVISIONS                               |  |
| DATE                                    |  | DATE                                    |  |
| NO. 1                                   |  | NO. 1                                   |  |
| NO. 2                                   |  | NO. 2                                   |  |
| NO. 3                                   |  | NO. 3                                   |  |
| NO. 4                                   |  | NO. 4                                   |  |
| NO. 5                                   |  | NO. 5                                   |  |
| NO. 6                                   |  | NO. 6                                   |  |
| NO. 7                                   |  | NO. 7                                   |  |
| NO. 8                                   |  | NO. 8                                   |  |
| NO. 9                                   |  | NO. 9                                   |  |
| NO. 10                                  |  | NO. 10                                  |  |
| NO. 11                                  |  | NO. 11                                  |  |
| NO. 12                                  |  | NO. 12                                  |  |
| NO. 13                                  |  | NO. 13                                  |  |
| NO. 14                                  |  | NO. 14                                  |  |
| NO. 15                                  |  | NO. 15                                  |  |
| NO. 16                                  |  | NO. 16                                  |  |
| NO. 17                                  |  | NO. 17                                  |  |
| NO. 18                                  |  | NO. 18                                  |  |
| NO. 19                                  |  | NO. 19                                  |  |
| NO. 20                                  |  | NO. 20                                  |  |
| NO. 21                                  |  | NO. 21                                  |  |
| NO. 22                                  |  | NO. 22                                  |  |
| NO. 23                                  |  | NO. 23                                  |  |
| NO. 24                                  |  | NO. 24                                  |  |
| NO. 25                                  |  | NO. 25                                  |  |
| NO. 26                                  |  | NO. 26                                  |  |
| NO. 27                                  |  | NO. 27                                  |  |
| NO. 28                                  |  | NO. 28                                  |  |
| NO. 29                                  |  | NO. 29                                  |  |
| NO. 30                                  |  | NO. 30                                  |  |
| NO. 31                                  |  | NO. 31                                  |  |
| NO. 32                                  |  | NO. 32                                  |  |
| NO. 33                                  |  | NO. 33                                  |  |
| NO. 34                                  |  | NO. 34                                  |  |
| NO. 35                                  |  | NO. 35                                  |  |
| NO. 36                                  |  | NO. 36                                  |  |
| NO. 37                                  |  | NO. 37                                  |  |
| NO. 38                                  |  | NO. 38                                  |  |
| NO. 39                                  |  | NO. 39                                  |  |
| NO. 40                                  |  | NO. 40                                  |  |
| NO. 41                                  |  | NO. 41                                  |  |
| NO. 42                                  |  | NO. 42                                  |  |
| NO. 43                                  |  | NO. 43                                  |  |
| NO. 44                                  |  | NO. 44                                  |  |
| NO. 45                                  |  | NO. 45                                  |  |
| NO. 46                                  |  | NO. 46                                  |  |

## ANALYTICAL REPORT

April 28, 2011

Work Order: 11D0711

Page 1 of 16

|                                 |
|---------------------------------|
| <b>Report To</b>                |
| Don Edds                        |
| Allender Butzke Engineers, Inc. |
| 3660 109th Street               |
| Urbandale, IA 50322             |

|                                   |
|-----------------------------------|
| <b>Work Order Information</b>     |
| Date Received: 04/13/2011 10:45AM |
| Collector: Edds, Don              |
| Phone: (515) 252-1885             |
| PO Number: West Basin             |

Project : Site Assessment

Project Number: West Basin

| Analyte         | Result         | MRL | Batch   | Method      | Analyst | Analyzed                  | Qualifier |
|-----------------|----------------|-----|---------|-------------|---------|---------------------------|-----------|
| 11D0711-01      | WBL-1          |     |         | Matrix:Soil |         | Collected: 04/11/11 14:15 |           |
| % Solids        | 80.0 %         | 0.1 | ID11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 26.1 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 19:54            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 19:54            |           |
| 11D0711-02      | WBL-2          |     |         | Matrix:Soil |         | Collected: 04/11/11 14:26 |           |
| % Solids        | 80.7 %         | 0.1 | ID11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 27.1 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 19:58            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 19:58            |           |
| 11D0711-03      | WBL-3          |     |         | Matrix:Soil |         | Collected: 04/11/11 14:42 |           |
| % Solids        | 76.6 %         | 0.1 | ID11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 43.9 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 20:03            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 20:03            |           |
| 11D0711-04      | WBL-4          |     |         | Matrix:Soil |         | Collected: 04/11/11 14:54 |           |
| % Solids        | 80.1 %         | 0.1 | ID11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 29.0 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 20:07            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 20:07            |           |
| 11D0711-05      | WBL-5          |     |         | Matrix:Soil |         | Collected: 04/11/11 15:10 |           |
| % Solids        | 78.8 %         | 0.1 | ID11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 69.7 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 20:12            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 20:12            |           |
| 11D0711-06      | WBL-6          |     |         | Matrix:Soil |         | Collected: 04/11/11 15:23 |           |
| % Solids        | 80.2 %         | 0.1 | ID11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 43.7 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 20:16            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | ID12225 | EPA 6010B   | SAA     | 04/27/11 20:16            |           |

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.

Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 2 of 16

Work Order: 11D0711

| Analyte         | Result         | MRL | Batch   | Method      | Analyst | Analyzed                  | Qualifier |
|-----------------|----------------|-----|---------|-------------|---------|---------------------------|-----------|
| 11D0711-07      | WBL-7          |     |         | Matrix:Soil |         | Collected: 04/11/11 15:34 |           |
| % Solids        | 77.7 %         | 0.1 | 1D11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 32.4 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:21            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:21            |           |
| 11D0711-08      | WBL-8          |     |         | Matrix:Soil |         | Collected: 04/11/11 15:51 |           |
| % Solids        | 79.3 %         | 0.1 | 1D11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 46.3 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:25            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:25            |           |
| 11D0711-09      | WBL-9          |     |         | Matrix:Soil |         | Collected: 04/11/11 16:07 |           |
| % Solids        | 76.8 %         | 0.1 | 1D11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 56.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:38            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:38            |           |
| 11D0711-10      | WBL-10         |     |         | Matrix:Soil |         | Collected: 04/11/11 16:18 |           |
| % Solids        | 79.1 %         | 0.1 | 1D11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 39.3 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:43            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:43            |           |
| 11D0711-11      | WBL-11         |     |         | Matrix:Soil |         | Collected: 04/11/11 16:27 |           |
| % Solids        | 76.2 %         | 0.1 | 1D11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 51.5 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:47            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 20:47            |           |
| 11D0711-12      | WBL-12         |     |         | Matrix:Soil |         | Collected: 04/11/11 16:38 |           |
| % Solids        | 78.4 %         | 0.1 | 1D11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 60.9 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:06            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:06            |           |
| 11D0711-13      | WBL-13         |     |         | Matrix:Soil |         | Collected: 04/11/11 16:46 |           |
| % Solids        | 78.2 %         | 0.1 | 1D11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 49.1 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:11            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:11            |           |
| 11D0711-14      | WBL-14         |     |         | Matrix:Soil |         | Collected: 04/12/11 08:57 |           |
| % Solids        | 80.1 %         | 0.1 | 1D11503 | SM 2540 G   | MAV     | 04/15/11 15:39            |           |
| Lead, total     | 32.5 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:15            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:15            |           |
| 11D0711-15      | WBL-15         |     |         | Matrix:Soil |         | Collected: 04/12/11 09:05 |           |
| % Solids        | 78.7 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 60.9 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:20            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:20            |           |

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3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 3 of 16

Work Order: 11D0711

| Analyte         | Result         | MRL | Batch   | Method      | Analyst | Analyzed                  | Qualifier |
|-----------------|----------------|-----|---------|-------------|---------|---------------------------|-----------|
| 11D0711-15      | WBL-15         |     |         | Matrix:Soil |         | Collected: 04/12/11 09:05 |           |
| 11D0711-16      | WBL-16         |     |         | Matrix:Soil |         | Collected: 04/12/11 09:12 |           |
| % Solids        | 82.7 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 23.7 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:33            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:33            |           |
| 11D0711-17      | WBL-17         |     |         | Matrix:Soil |         | Collected: 04/12/11 09:20 |           |
| % Solids        | 76.5 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 29.2 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:38            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:38            |           |
| 11D0711-18      | WBL-18         |     |         | Matrix:Soil |         | Collected: 04/12/11 09:28 |           |
| % Solids        | 79.0 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 77.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:42            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:42            |           |
| 11D0711-19      | WBL-19         |     |         | Matrix:Soil |         | Collected: 04/12/11 09:35 |           |
| % Solids        | 82.3 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 60.8 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:47            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:47            |           |
| 11D0711-20      | WBL-20         |     |         | Matrix:Soil |         | Collected: 04/12/11 09:43 |           |
| % Solids        | 77.6 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 44.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:51            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12225 | EPA 6010B   | SAA     | 04/27/11 21:51            |           |
| 11D0711-21      | WBL-21         |     |         | Matrix:Soil |         | Collected: 04/12/11 09:52 |           |
| % Solids        | 84.9 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 25.3 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:04            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:04            |           |
| 11D0711-22      | WBL-22         |     |         | Matrix:Soil |         | Collected: 04/12/11 10:00 |           |
| % Solids        | 77.9 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 33.4 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:09            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:09            |           |
| 11D0711-23      | WBL-23         |     |         | Matrix:Soil |         | Collected: 04/12/11 10:07 |           |
| % Solids        | 77.6 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 22.7 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:13            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:13            |           |
| 11D0711-24      | WBL-24         |     |         | Matrix:Soil |         | Collected: 04/12/11 10:15 |           |
| % Solids        | 78.5 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 4 of 16

Work Order: 11D0711

| Analyte         | Result         | MRL | Batch   | Method      | Analyst | Analyzed                  | Qualifier |
|-----------------|----------------|-----|---------|-------------|---------|---------------------------|-----------|
| 11D0711-24      | WBL-24         |     |         | Matrix:Soil |         | Collected: 04/12/11 10:15 |           |
| Lead, total     | 47.6 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:27            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:27            |           |
| 11D0711-25      | WBL-25         |     |         | Matrix:Soil |         | Collected: 04/12/11 10:23 |           |
| % Solids        | 77.1 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 24.7 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:31            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:31            |           |
| 11D0711-26      | WBL-26         |     |         | Matrix:Soil |         | Collected: 04/12/11 10:32 |           |
| % Solids        | 82.2 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 41.9 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:36            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:36            |           |
| 11D0711-27      | WBL-27         |     |         | Matrix:Soil |         | Collected: 04/12/11 10:48 |           |
| % Solids        | 79.4 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 130 mg/kg dry  | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:40            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:40            |           |
| 11D0711-28      | WBL-28         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:01 |           |
| % Solids        | 80.8 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 67.3 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:45            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:45            |           |
| 11D0711-29      | WBL-29         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:09 |           |
| % Solids        | 76.6 %         | 0.1 | 1D11560 | SM 2540 G   | MAV     | 04/18/11 14:41            |           |
| Lead, total     | 144 mg/kg dry  | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:49            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:49            |           |
| 11D0711-30      | WBL-30         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:17 |           |
| % Solids        | 78.5 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 122 mg/kg dry  | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:54            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 22:54            |           |
| 11D0711-31      | WBL-31         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:23 |           |
| % Solids        | 80.1 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 123 mg/kg dry  | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/28/11 9:22             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/28/11 9:22             |           |
| 11D0711-32      | WBL-32         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:29 |           |
| % Solids        | 80.4 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 38.1 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:02            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:02            |           |

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 5 of 16

Work Order: 11D0711

| Analyte         | Result         | MRL | Batch   | Method      | Analyst | Analyzed                  | Qualifier |
|-----------------|----------------|-----|---------|-------------|---------|---------------------------|-----------|
| 11D0711-33      | WBL-33         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:36 |           |
| % Solids        | 80.8 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 148 mg/kg dry  | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:06            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:06            |           |
| 11D0711-34      | WBL-34         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:43 |           |
| % Solids        | 81.3 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 32.8 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:20            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:20            |           |
| 11D0711-35      | WBL-35         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:50 |           |
| % Solids        | 80.6 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 35.7 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:24            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:24            |           |
| 11D0711-36      | WBL-36         |     |         | Matrix:Soil |         | Collected: 04/12/11 11:58 |           |
| % Solids        | 79.7 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 17.2 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:43            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:43            |           |
| 11D0711-37      | WBL-37         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:06 |           |
| % Solids        | 82.2 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 16.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:47            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:47            |           |
| 11D0711-38      | WBL-38         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:14 |           |
| % Solids        | 81.0 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 30.3 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/28/11 9:27             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/28/11 9:27             |           |
| 11D0711-39      | WBL-39         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:20 |           |
| % Solids        | 82.7 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 18.5 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:56            |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/27/11 23:56            |           |
| 11D0711-40      | WBL-40         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:25 |           |
| % Solids        | 79.8 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 104 mg/kg dry  | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/28/11 0:00             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12226 | EPA 6010B   | SAA     | 04/28/11 0:00             |           |
| 11D0711-41      | WBL-41         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:32 |           |
| % Solids        | 82.0 %         | 0.1 | 1D11804 | SM 2540 G   | MAV     | 04/18/11 14:42            |           |
| Lead, total     | 14.3 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:23             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:23             |           |

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 6 of 16

Work Order: 11D0711

| Analyte         | Result         | MRL | Batch   | Method      | Analyst | Analyzed                  | Qualifier |
|-----------------|----------------|-----|---------|-------------|---------|---------------------------|-----------|
| 11D0711-41      | WBL-41         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:32 |           |
| 11D0711-42      | WBL-42         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:40 |           |
| % Solids        | 82.3 %         | 0.1 | 1D11865 | SM 2540 G   | MAV     | 04/19/11 9:09             |           |
| Lead, total     | 20.3 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:28             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:28             |           |
| 11D0711-43      | WBL-43         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:47 |           |
| % Solids        | 81.2 %         | 0.1 | 1D11865 | SM 2540 G   | MAV     | 04/19/11 9:09             |           |
| Lead, total     | 24.7 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:32             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:32             |           |
| 11D0711-44      | WBL-44         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:52 |           |
| % Solids        | 81.7 %         | 0.1 | 1D11865 | SM 2540 G   | MAV     | 04/19/11 9:09             |           |
| Lead, total     | 28.7 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:51             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:51             |           |
| 11D0711-45      | WBL-45         |     |         | Matrix:Soil |         | Collected: 04/12/11 12:58 |           |
| % Solids        | 81.0 %         | 0.1 | 1D11865 | SM 2540 G   | MAV     | 04/19/11 9:09             |           |
| Lead, total     | 15.4 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:55             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 0:55             |           |
| 11D0711-46      | WBL-46         |     |         | Matrix:Soil |         | Collected: 04/12/11 13:05 |           |
| % Solids        | 82.4 %         | 0.1 | 1D11865 | SM 2540 G   | MAV     | 04/19/11 9:09             |           |
| Lead, total     | 13.8 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 1:08             |           |
| Antimony, total | <5.0 mg/kg dry | 5.0 | 1D12227 | EPA 6010B   | SAA     | 04/28/11 1:08             |           |

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 7 of 16

Work Order: 11D0711

**Determination of Conventional Chemistry Parameters - Quality Control**  
**Keystone Laboratories, Inc. - Newton**

| Analyte                                     | Result                    | Reporting Limit | Units | Spike Level                                  | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|---------------------------------------------|---------------------------|-----------------|-------|----------------------------------------------|---------------|------|-------------|-------|-----------|-------|
| <b>Batch 1D11503 - Wet Chem Preparation</b> |                           |                 |       |                                              |               |      |             |       |           |       |
| <b>Duplicate (1D11503-DUP1)</b>             | <b>Source: 11D0711-01</b> |                 |       | <b>Prepared &amp; Analyzed: 04/15/11</b>     |               |      |             |       |           |       |
| % Solids                                    | 79.9                      | 0.1             | %     |                                              | 80.0          |      |             | 0.113 | 20        |       |
| <b>Batch 1D11560 - Wet Chem Preparation</b> |                           |                 |       |                                              |               |      |             |       |           |       |
| <b>Duplicate (1D11560-DUP2)</b>             | <b>Source: 11D0711-29</b> |                 |       | <b>Prepared: 04/15/11 Analyzed: 04/18/11</b> |               |      |             |       |           |       |
| % Solids                                    | 77.0                      | 0.1             | %     |                                              | 76.6          |      |             | 0.573 | 20        |       |
| <b>Batch 1D11804 - Wet Chem Preparation</b> |                           |                 |       |                                              |               |      |             |       |           |       |
| <b>Duplicate (1D11804-DUP1)</b>             | <b>Source: 11D0534-01</b> |                 |       | <b>Prepared: 04/12/01 Analyzed: 04/18/11</b> |               |      |             |       |           |       |
| % Solids                                    | 64.7                      | 0.1             | %     |                                              | 64.6          |      |             | 0.278 | 20        |       |
| <b>Batch 1D11865 - Wet Chem Preparation</b> |                           |                 |       |                                              |               |      |             |       |           |       |
| <b>Duplicate (1D11865-DUP1)</b>             | <b>Source: 11D0711-46</b> |                 |       | <b>Prepared: 04/18/11 Analyzed: 04/19/11</b> |               |      |             |       |           |       |
| % Solids                                    | 83.2                      | 0.1             | %     |                                              | 82.4          |      |             | 0.942 | 20        |       |

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 8 of 16

Work Order: 11D0711

## Determination of Total Metals - Quality Control

### Keystone Laboratories, Inc. - Newton

| Analyte                                    | Result | Reporting Limit | Units     | Spike Level                           | Source Result | %REC                                  | %REC Limits | RPD  | RPD Limit | Notes |
|--------------------------------------------|--------|-----------------|-----------|---------------------------------------|---------------|---------------------------------------|-------------|------|-----------|-------|
| <b>Batch 1D12225 - EPA 3050B Solid Dig</b> |        |                 |           |                                       |               |                                       |             |      |           |       |
| <b>Blank (1D12225-BLK1)</b>                |        |                 |           | Prepared: 04/22/11 Analyzed: 04/27/11 |               |                                       |             |      |           |       |
| Antimony, total                            | ND     | 2.5             | mg/kg wet |                                       |               |                                       |             |      |           |       |
| Lead, total                                | ND     | 2.5             | "         |                                       |               |                                       |             |      |           |       |
| <b>LCS (1D12225-BS1)</b>                   |        |                 |           | Prepared: 04/22/11 Analyzed: 04/27/11 |               |                                       |             |      |           |       |
| Antimony, total                            | 95.2   | 2.5             | mg/kg wet | 100.000                               |               | 95.2                                  | 80-120      |      |           |       |
| Lead, total                                | 97.2   | 2.5             | "         | 100.000                               |               | 97.2                                  | 80-120      |      |           |       |
| <b>Matrix Spike (1D12225-MS1)</b>          |        |                 |           | Source: 11D0711-11                    |               | Prepared: 04/22/11 Analyzed: 04/27/11 |             |      |           |       |
| Antimony, total                            | 82.9   | 5.0             | mg/kg dry | 253.184                               | ND            | 32.7                                  | 75-125      |      |           | QM-07 |
| Lead, total                                | 285    | 5.0             | "         | 253.184                               | 51.5          | 92.2                                  | 75-125      |      |           |       |
| <b>Matrix Spike Dup (1D12225-MSD1)</b>     |        |                 |           | Source: 11D0711-11                    |               | Prepared: 04/22/11 Analyzed: 04/27/11 |             |      |           |       |
| Antimony, total                            | 81.4   | 5.0             | mg/kg dry | 247.130                               | ND            | 32.9                                  | 75-125      | 1.85 | 20        | QM-07 |
| Lead, total                                | 260    | 5.0             | "         | 247.130                               | 51.5          | 84.3                                  | 75-125      | 9.00 | 20        |       |
| <b>Post Spike (1D12225-PS1)</b>            |        |                 |           | Source: 11D0711-11                    |               | Prepared: 04/22/11 Analyzed: 04/27/11 |             |      |           |       |
| Antimony, total                            | 0.918  |                 | mg/kg dry | 1.00000                               | 0.00574       | 91.2                                  | 80-120      |      |           |       |
| Lead, total                                | 1.4    |                 | "         | 1.00000                               | 0.5           | 90.5                                  | 80-120      |      |           |       |
| <b>Batch 1D12226 - EPA 3050B Solid Dig</b> |        |                 |           |                                       |               |                                       |             |      |           |       |
| <b>Blank (1D12226-BLK1)</b>                |        |                 |           | Prepared: 04/22/11 Analyzed: 04/27/11 |               |                                       |             |      |           |       |
| Antimony, total                            | ND     | 2.5             | mg/kg wet |                                       |               |                                       |             |      |           |       |
| Lead, total                                | ND     | 2.5             | "         |                                       |               |                                       |             |      |           |       |
| <b>LCS (1D12226-BS1)</b>                   |        |                 |           | Prepared: 04/22/11 Analyzed: 04/27/11 |               |                                       |             |      |           |       |
| Antimony, total                            | 94.7   | 2.5             | mg/kg wet | 100.000                               |               | 94.7                                  | 80-120      |      |           |       |
| Lead, total                                | 98.8   | 2.5             | "         | 100.000                               |               | 98.8                                  | 80-120      |      |           |       |

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 9 of 16

Work Order: 11D0711

## Determination of Total Metals - Quality Control

### Keystone Laboratories, Inc. - Newton

| Analyte                                    | Result | Reporting Limit                              | Units     | Spike Level                                  | Source Result | %REC | %REC Limits | RPD   | RPD Limit | Notes |
|--------------------------------------------|--------|----------------------------------------------|-----------|----------------------------------------------|---------------|------|-------------|-------|-----------|-------|
| <b>Batch 1D12226 - EPA 3050B Solid Dig</b> |        |                                              |           |                                              |               |      |             |       |           |       |
| <b>Matrix Spike (1D12226-MS1)</b>          |        | <b>Source: 11D0711-35</b>                    |           | <b>Prepared: 04/22/11 Analyzed: 04/27/11</b> |               |      |             |       |           |       |
| Antimony, total                            | 67.3   | 5.0                                          | mg/kg dry | 232.630                                      | ND            | 28.9 | 75-125      |       |           | QM-07 |
| Lead, total                                | 254    | 5.0                                          | "         | 232.630                                      | 35.7          | 94.0 | 75-125      |       |           |       |
| <b>Matrix Spike Dup (1D12226-MSD1)</b>     |        | <b>Source: 11D0711-35</b>                    |           | <b>Prepared: 04/22/11 Analyzed: 04/27/11</b> |               |      |             |       |           |       |
| Antimony, total                            | 62.2   | 5.0                                          | mg/kg dry | 225.857                                      | ND            | 27.5 | 75-125      | 7.93  | 20        | QM-07 |
| Lead, total                                | 259    | 5.0                                          | "         | 225.857                                      | 35.7          | 98.9 | 75-125      | 5.10  | 20        |       |
| <b>Post Spike (1D12226-PS1)</b>            |        | <b>Source: 11D0711-35</b>                    |           | <b>Prepared: 04/22/11 Analyzed: 04/27/11</b> |               |      |             |       |           |       |
| Antimony, total                            | 0.928  |                                              | mg/kg dry | 1.00000                                      | -0.000428     | 92.9 | 80-120      |       |           |       |
| Lead, total                                | 1.3    |                                              | "         | 1.00000                                      | 0.3           | 92.2 | 80-120      |       |           |       |
| <b>Batch 1D12227 - EPA 3050B Solid Dig</b> |        |                                              |           |                                              |               |      |             |       |           |       |
| <b>Blank (1D12227-BLK1)</b>                |        | <b>Prepared: 04/22/11 Analyzed: 04/28/11</b> |           |                                              |               |      |             |       |           |       |
| Antimony, total                            | ND     | 2.5                                          | mg/kg wet |                                              |               |      |             |       |           |       |
| Lead, total                                | ND     | 2.5                                          | "         |                                              |               |      |             |       |           |       |
| <b>LCS (1D12227-BS1)</b>                   |        | <b>Prepared: 04/22/11 Analyzed: 04/28/11</b> |           |                                              |               |      |             |       |           |       |
| Antimony, total                            | 96.0   | 2.5                                          | mg/kg wet | 100.000                                      |               | 96.0 | 80-120      |       |           |       |
| Lead, total                                | 97.5   | 2.5                                          | "         | 100.000                                      |               | 97.5 | 80-120      |       |           |       |
| <b>Matrix Spike (1D12227-MS1)</b>          |        | <b>Source: 11D0711-43</b>                    |           | <b>Prepared: 04/22/11 Analyzed: 04/28/11</b> |               |      |             |       |           |       |
| Antimony, total                            | 72.9   | 5.0                                          | mg/kg dry | 222.166                                      | ND            | 32.8 | 75-125      |       |           | QM-07 |
| Lead, total                                | 227    | 5.0                                          | "         | 222.166                                      | 24.7          | 91.0 | 75-125      |       |           |       |
| <b>Matrix Spike Dup (1D12227-MSD1)</b>     |        | <b>Source: 11D0711-43</b>                    |           | <b>Prepared: 04/22/11 Analyzed: 04/28/11</b> |               |      |             |       |           |       |
| Antimony, total                            | 79.6   | 5.0                                          | mg/kg dry | 232.303                                      | ND            | 34.2 | 75-125      | 8.66  | 20        | QM-07 |
| Lead, total                                | 235    | 5.0                                          | "         | 232.303                                      | 24.7          | 90.6 | 75-125      | 0.494 | 20        |       |

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 10 of 16

Work Order: 11D0711

## Determination of Total Metals - Quality Control

### Keystone Laboratories, Inc. - Newton

| Analyte                                    | Result | Reporting Limit           | Units     | Spike Level                                  | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------------------|--------|---------------------------|-----------|----------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1D12227 - EPA 3050B Solid Dig</b> |        |                           |           |                                              |               |      |             |     |           |       |
| <b>Post Spike (1D12227-PS1)</b>            |        | <b>Source: 11D0711-43</b> |           | <b>Prepared: 04/22/11 Analyzed: 04/28/11</b> |               |      |             |     |           |       |
| Antimony, total                            | 0.934  |                           | mg/kg dry | 1.00000                                      | 0.000183      | 93.3 | 80-120      |     |           |       |
| Lead, total                                | 1.2    |                           | "         | 1.00000                                      | 0.2           | 93.8 | 80-120      |     |           |       |

ND = Non Detect; REC= Recovery; RPD= Relative Percent Difference

### Certified Analyses included in this Report

| Method/Matrix            | Analyte                                           | Certifications |            |
|--------------------------|---------------------------------------------------|----------------|------------|
| <i>EPA 6010B in Soil</i> |                                                   |                |            |
|                          | Antimony, total                                   | SIA1X          |            |
|                          | Lead, total                                       | NELAC,SIA1X    |            |
| <i>SM 2540 G in Soil</i> |                                                   |                |            |
|                          | % Solids                                          | SIA1X          |            |
| Code                     | Description                                       | Number         | Expires    |
| KS-KC                    | Kansas Department of Health and Environment-KC    | E-10110        | 04/30/2011 |
| KS-NT                    | Kansas Department of Health and Environment       | E-10287        | 10/30/2011 |
| NELAC                    | New Jersey Department of Environmental Protection | IA001          | 06/30/2011 |
| SIA1X                    | Iowa Department of Natural Resources              | 95             | 02/01/2012 |

### Notes and Definitions

QM-07 The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011

Page 11 of 16

Work Order: 11D0711

End of Report



Keystone Laboratories, Inc.

Sue Thompson  
Project Manager I

Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 12 of 16

Work Order: 11D0711

**CHAIN OF CUSTODY RECORD**

**Keystone**  
LABORATORIES, INC.

600 E. 17<sup>th</sup> St. S.  
Newton, IA 50208  
Phone: 641-792-8451  
Fax: 641-792-7989  
www.keystonelabs.com

3012 Ansbrough Ave.  
Waterloo, IA 50701  
Phone: 319-235-4440  
Fax: 319-235-2480

**REPORT TO:**  
NAME: Don Eds  
COMPANY NAME: Allender Butzke  
ADDRESS: 3660 109th St.  
CITY/ST/ZIP: Urbandale IA 50322  
PHONE: 515 252-1885  
FAX: 515 252-1888

**BILL TO:**  
NAME: Same as Report  
COMPANY NAME:  
ADDRESS:  
CITY/ST/ZIP:  
PHONE:  
Keystone Quote No.:

**PRINT OR TYPE INFORMATION BELOW**

SAMPLER: Don Eds  
SITE NAME: West Basin  
ADDRESS: South Plant Lift Station  
CITY/ST/ZIP: Indianola IA  
PHONE: NA

**LAB USE ONLY**

LABORATORY WORK ORDER NO: 11D0711

SAMPLE TEMPERATURE UPON RECEIPT: °C

SAMPLE CONDITION/COMMENTS:

| CLIENT SAMPLE NUMBER | DATE    | TIME  | SAMPLE LOCATION | NO. OF CONTAINERS | MATRIX | GRAB/COMPOSITE | ANALYSES REQUIRED |          | LABORATORY SAMPLE NUMBER |
|----------------------|---------|-------|-----------------|-------------------|--------|----------------|-------------------|----------|--------------------------|
|                      |         |       |                 |                   |        |                | Lead              | Antimony |                          |
| WBL-1                | 4/11/11 | 12:15 | Grid            | 1                 | Soil   | G              | ✓                 | ✓        | 01                       |
| WBL-2                | 4/11/11 | 2:26  | "               | 2                 | "      | "              | ✓                 | ✓        | 02                       |
| WBL-3                | 4/11/11 | 2:42  | "               | 3                 | "      | "              | ✓                 | ✓        | 03                       |
| WBL-4                | 4/11/11 | 2:54  | "               | 4                 | "      | "              | ✓                 | ✓        | 04                       |
| WBL-5                | 4/11/11 | 3:10  | "               | 5                 | "      | "              | ✓                 | ✓        | 05                       |
| WBL-6                | 4/11/11 | 3:23  | "               | 6                 | "      | "              | ✓                 | ✓        | 06                       |
| WBL-7                | 4/11/11 | 3:34  | "               | 7                 | "      | "              | ✓                 | ✓        | 07                       |
| WBL-8                | 4/11/11 | 3:51  | "               | 8                 | "      | "              | ✓                 | ✓        | 08                       |
| WBL-9                | 4/11/11 | 4:07  | "               | 9                 | "      | "              | ✓                 | ✓        | 09                       |
| WBL-10               | 4/11/11 | 4:18  | "               | 10                | "      | "              | ✓                 | ✓        | 10                       |

Relinquished by: (Signature) Don Eds  
Date: 4/13/11  
Time: 10:45 AM

Received by: (Signature) Reel  
Date: 4/13/11  
Time: 10:45 AM

Remarks: Email to Eds@abengineers.com

FORM: CCR 7-97

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.

Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 13 of 16

Work Order: 11D0711

| CHAIN OF CUSTODY RECORD                                                                                                                                                                                                                                                                                                  |         |                                                                                                                                             |                 |                                                                                                                            |        |                                                  |                   |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------|-------------------|--------------------------|
| <b>Keystone</b><br>LABORATORIES, INC.<br>600 E. 17th St. S. □ 3012 Ansbrough Ave. □ 1155 Adams, Suite 120<br>Newton, IA 50208 □ Waterloo, IA 50701<br>Phone: 641-792-8451 Phone: 319-235-4440 Kansas City, KS 66103<br>Fax: 641-792-7989 Fax: 319-235-2480 Phone: 913-321-7856<br>www.keystonelabs.com Fax: 913-321-7937 |         | PAGE 2 OF 5                                                                                                                                 |                 |                                                                                                                            |        |                                                  |                   |                          |
| <b>REPORT TO:</b><br>NAME: <u>Don Ellis</u><br>COMPANY NAME: <u>Allender Butzke</u><br>ADDRESS: <u>3660 109th St</u><br>CITY/STATE/ZIP: <u>Urbandale IA 50322</u><br>PHONE: <u>515 252-1885</u><br>FAX: <u>515 252-1888</u>                                                                                              |         | <b>BILL TO:</b><br>NAME: <u>Same as Report</u><br>COMPANY NAME:<br>ADDRESS:<br>CITY/STATE/ZIP:<br>PHONE:<br>Keystone Quote No.:             |                 |                                                                                                                            |        |                                                  |                   |                          |
| <b>PRINT OR TYPE INFORMATION BELOW</b><br>SAMPLER: <u>Don Ellis</u><br>SITE NAME: <u>West Basin</u><br>ADDRESS: <u>South Plant Lift Station</u><br>CITY/STATE/ZIP: <u>Indianola IA</u><br>PHONE: <u>NA</u>                                                                                                               |         | <b>LAB USE ONLY</b><br>LABORATORY WORK ORDER NO: <u>11D0711</u><br>SAMPLE TEMPERATURE UPON RECEIPT: <u>°C</u><br>SAMPLE CONDITION/COMMENTS: |                 |                                                                                                                            |        |                                                  |                   |                          |
| CLIENT SAMPLE NUMBER                                                                                                                                                                                                                                                                                                     | DATE    | TIME                                                                                                                                        | SAMPLE LOCATION | NO. OF CONTAINERS                                                                                                          | MATRIX | GRAB/COMPOSITE                                   | ANALYSES REQUIRED | LABORATORY SAMPLE NUMBER |
| WB2-11                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 4:27                                                                                                                                        | Grid 11         | 1                                                                                                                          | Soil   | 6                                                | Lead              | 11                       |
| WB2-12                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 4:38                                                                                                                                        | " 12            | 1                                                                                                                          | "      | "                                                | "                 | 12                       |
| WB2-13                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 4:46                                                                                                                                        | " 13            | 1                                                                                                                          | "      | "                                                | "                 | 13                       |
| WB2-14                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 4:57                                                                                                                                        | " 14            | 1                                                                                                                          | "      | "                                                | "                 | 14                       |
| WB2-15                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 9:05                                                                                                                                        | " 15            | 1                                                                                                                          | "      | "                                                | "                 | 15                       |
| WB2-16                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 9:12                                                                                                                                        | " 16            | 1                                                                                                                          | "      | "                                                | "                 | 16                       |
| WB2-17                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 9:20                                                                                                                                        | " 17            | 1                                                                                                                          | "      | "                                                | "                 | 17                       |
| WB2-18                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 9:28                                                                                                                                        | " 18            | 1                                                                                                                          | "      | "                                                | "                 | 18                       |
| WB2-19                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 9:35                                                                                                                                        | " 19            | 1                                                                                                                          | "      | "                                                | "                 | 19                       |
| WB2-20                                                                                                                                                                                                                                                                                                                   | 4/11/11 | 9:43                                                                                                                                        | " 20            | 1                                                                                                                          | "      | "                                                | "                 | 20                       |
| Relinquished by: (Signature) <u>Don Ellis</u><br>Date: <u>4/13/11</u>                                                                                                                                                                                                                                                    |         | Received by: (Signature)<br>Date:                                                                                                           |                 | Turn-Around: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush<br>Contact Lab Prior to Submission |        | Remarks: <u>Email to Ellis @ abengineers.com</u> |                   | FORM: CCR 7-97           |
| Relinquished by: (Signature)<br>Date:                                                                                                                                                                                                                                                                                    |         | Received for Lab by: (Signature)<br>Date:                                                                                                   |                 | Original - Return with Report • Yellow - Lab Copy • Pink - Sampler Copy                                                    |        |                                                  |                   |                          |

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**April 28, 2011**  
**Page 14 of 16**

**Work Order: 11D0711**

# CHAIN OF CUSTODY RECORD

**Keystone**  
LABORATORIES, INC.

☐ 600 E. 17<sup>th</sup> St. S.  
Newton, IA 50208  
Phone: 641-792-8451  
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☐ 1155 Adams, Suite 120  
Kansas City, KS 66103  
Phone: 913-321-7856  
Fax: 913-321-7937

PAGE 3 OF 5

PRINT OR TYPE INFORMATION BELOW

SAMPLER: Don Ellis  
SITE NAME: West Basin  
ADDRESS: Sully Plant Lift Station  
CITY/STATE/ZIP: Indianola IA  
PHONE: NA

REPORT TO:  
NAME: Don Ellis  
COMPANY NAME: Anderson Butte  
ADDRESS: 3660 109th St  
CITY/STATE/ZIP: Wabandale IA 50322  
PHONE: 515 252-1885  
FAX: 515 252-1888

BILL TO:  
NAME: Same as Report  
COMPANY NAME:  
ADDRESS:  
CITY/STATE/ZIP:  
PHONE:  
Keystone Quote No.: (If Applicable)

| CLIENT<br>SAMPLE NUMBER | DATE    | TIME  | SAMPLE LOCATION | NO. OF CONTAINERS | MATRIX | GRAV/COMPOSITE | ANALYSES REQUIRED | LAB USE ONLY              |                          |
|-------------------------|---------|-------|-----------------|-------------------|--------|----------------|-------------------|---------------------------|--------------------------|
|                         |         |       |                 |                   |        |                |                   | LABORATORY WORK ORDER NO. | LABORATORY SAMPLE NUMBER |
| WB1-21                  | 4/12/11 | 9:52  | Grid 21         | 1                 | Soil   | G              | Lead<br>Antimony  | 11D0711                   | 21                       |
| WB1-22                  |         | 10:00 | " 22            | 1                 |        |                |                   |                           | 22                       |
| WB1-23                  |         | 10:07 | " 23            | 1                 |        |                |                   |                           | 23                       |
| WB1-24                  |         | 10:15 | " 24            | 1                 |        |                |                   |                           | 24                       |
| WB1-25                  |         | 10:23 | " 25            | 1                 |        |                |                   |                           | 25                       |
| WB1-26                  |         | 10:32 | " 26            | 1                 |        |                |                   |                           | 26                       |
| WB1-27                  |         | 10:48 | " 27            | 1                 |        |                |                   |                           | 27                       |
| WB1-28                  |         | 11:01 | " 28            | 1                 |        |                |                   |                           | 28                       |
| WB1-29                  |         | 11:09 | " 29            | 1                 |        |                |                   |                           | 29                       |
| WB1-30                  |         | 11:17 | " 30            | 1                 |        |                |                   |                           | 30                       |

|                                                  |                               |                                                                                                                                  |                               |
|--------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Relinquished by: (Signature)<br><u>Don Ellis</u> | Date: <u>4/13/11</u><br>Time: | Received by: (Signature)<br><u>Don Ellis</u>                                                                                     | Date: <u>4/13/11</u><br>Time: |
| Relinquished by: (Signature)<br><u>Don Ellis</u> | Date: <u>4/13/11</u><br>Time: | Received for Lab by: (Signature)<br><u>Don Ellis</u>                                                                             | Date: <u>4/13/11</u><br>Time: |
| Remarks:<br><u>Email to Ed@abengineers.com</u>   |                               | Turn-Around:<br><input checked="" type="checkbox"/> Standard<br><input type="checkbox"/> Rush<br>Contact Lab Prior to Submission |                               |

FORM: CCR 7-97

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 15 of 16

Work Order: 11D0711

| CHAIN OF CUSTODY RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |                 |                   |                                                                                                                                                                                                                            |                |                   |              |    |                                                                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-----------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|--------------|----|---------------------------------------------------------------------------------------------------------------------------------------|--|
| <div style="display: flex; justify-content: space-between;"> <div> <p><b>Keystone</b><br/>LABORATORIES, INC.</p> <p>600 E. 17<sup>th</sup> St. S.<br/>Newton, IA 50208<br/>Phone: 641-792-8451<br/>Fax: 641-792-7989<br/>www.keystoneilabs.com</p> </div> <div> <p><input type="checkbox"/> 3012 Ansbrough Ave.<br/>Waterloo, IA 50701<br/>Phone: 319-235-4440<br/>Fax: 319-235-2480</p> </div> <div> <p><input type="checkbox"/> 1155 Adams, Suite 120<br/>Kansas City, KS 66103<br/>Phone: 913-321-7856<br/>Fax: 913-321-7937</p> </div> </div> |         |       |                 |                   | <p style="text-align: right;">PAGE 4 OF 5</p>                                                                                                                                                                              |                |                   |              |    |                                                                                                                                       |  |
| <p>REPORT TO: NAME: <u>Don Edds</u></p> <p>COMPANY NAME: <u>Allender Butzke</u></p> <p>ADDRESS: <u>3660 109th St</u></p> <p>CITY/ST/ZIP: <u>Urbandale IA 50322</u></p> <p>PHONE: <u>515 252-1885</u></p> <p>FAX: <u>515 252-1888</u></p>                                                                                                                                                                                                                                                                                                          |         |       |                 |                   | <p>BILL TO: NAME: <u>Same as Report</u></p> <p>COMPANY NAME: _____</p> <p>ADDRESS: _____</p> <p>CITY/ST/ZIP: _____</p> <p>PHONE: _____</p> <p>Keystone Quote No.: _____</p>                                                |                |                   |              |    |                                                                                                                                       |  |
| <p>PRINT OR TYPE INFORMATION BELOW</p> <p>SAMPLER: <u>Don Edds</u></p> <p>SITE NAME: <u>West Basin</u></p> <p>ADDRESS: <u>South Plant Lift Station</u></p> <p>CITY/ST/ZIP: <u>Indianola IA</u></p> <p>PHONE: <u>NA</u></p>                                                                                                                                                                                                                                                                                                                        |         |       |                 |                   | <p>LABORATORY WORK ORDER #10</p> <p style="font-size: 2em; font-weight: bold;">11D0711</p> <p>SAMPLE TEMPERATURE UPON RECEIPT: _____ °C</p> <p>SAMPLE CONDITION COMMENTS: _____</p> <p>LABORATORY SAMPLE NUMBER: _____</p> |                |                   |              |    |                                                                                                                                       |  |
| CLIENT SAMPLE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DATE    | TIME  | SAMPLE LOCATION | NO. OF CONTAINERS | MATRIX                                                                                                                                                                                                                     | GRAB/COMPOSITE | ANALYSES REQUIRED | LAB USE ONLY |    |                                                                                                                                       |  |
| WB1-31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 11:23 | Grid 31         | 1                 | Soil G                                                                                                                                                                                                                     | ✓              | Antimony          | ✓            | 31 |                                                                                                                                       |  |
| WB1-32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 11:29 | " 32            | 1                 | "                                                                                                                                                                                                                          | ✓              | Lead              | ✓            | 32 |                                                                                                                                       |  |
| WB1-33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 11:36 | " 33            | 1                 | "                                                                                                                                                                                                                          | ✓              | "                 | ✓            | 33 |                                                                                                                                       |  |
| WB1-34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 11:43 | " 34            | 1                 | "                                                                                                                                                                                                                          | ✓              | "                 | ✓            | 34 |                                                                                                                                       |  |
| WB1-35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 11:50 | " 35            | 1                 | "                                                                                                                                                                                                                          | ✓              | "                 | ✓            | 35 |                                                                                                                                       |  |
| WB1-36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 11:58 | " 36            | 1                 | "                                                                                                                                                                                                                          | ✓              | "                 | ✓            | 36 |                                                                                                                                       |  |
| WB1-37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 12:06 | " 37            | 1                 | "                                                                                                                                                                                                                          | ✓              | "                 | ✓            | 37 |                                                                                                                                       |  |
| WB1-38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 12:14 | " 38            | 1                 | "                                                                                                                                                                                                                          | ✓              | "                 | ✓            | 38 |                                                                                                                                       |  |
| WB1-39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 12:20 | " 39            | 1                 | "                                                                                                                                                                                                                          | ✓              | "                 | ✓            | 39 |                                                                                                                                       |  |
| WB1-40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4/23/11 | 12:25 | " 40            | 1                 | "                                                                                                                                                                                                                          | ✓              | "                 | ✓            | 40 |                                                                                                                                       |  |
| <p>Relinquished by: (Signature) <u>Don Edds</u></p> <p>Date: <u>4/13/11</u></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |       |                 |                   | <p>Received by: (Signature) _____</p> <p>Date: _____</p>                                                                                                                                                                   |                |                   |              |    | <p>Turn-Around: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush</p> <p>Contact Lab Prior to Submission</p> |  |
| <p>Relinquished by: (Signature) _____</p> <p>Date: _____</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |                 |                   | <p>Received for Lab by: (Signature) _____</p> <p>Date: _____</p>                                                                                                                                                           |                |                   |              |    | <p>Remarks: <u>Email to Edds@abengiers.com</u></p>                                                                                    |  |
| <p>Original - Return with Report • Yellow - Lab Copy • Pink - Sampler Copy</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |       |                 |                   |                                                                                                                                                                                                                            |                |                   |              |    | <p>FORM: CGR 7-87</p>                                                                                                                 |  |

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Allender Butzke Engineers, Inc.  
3660 109th Street  
Urbandale, IA 50322

April 28, 2011  
Page 16 of 16

Work Order: 11D0711

| CHAIN OF CUSTODY RECORD                                                                                                                                                                                                                                                                                                                                                                                                                         |         |       |                 |                   |                                                                                                                                                                                           |                |                   |                          |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-----------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|--------------------------|--------------------------|
| <b>Keystone</b><br>LABORATORIES, INC.<br><input type="checkbox"/> 600 E. 17th St. S. Newton, IA 50208<br><input type="checkbox"/> 3012 Ansbrough Ave. Waterloo, IA 50701<br>Phone: 641-792-8451 Phone: 319-235-4440<br>Fax: 641-792-7989 Fax: 319-235-2480<br>www.keystonelabs.com                                                                                                                                                              |         |       |                 |                   | PAGE 5 OF 5                                                                                                                                                                               |                |                   |                          |                          |
| <b>REPORT TO:</b><br>NAME: <u>Don Ellis</u><br>COMPANY NAME: <u>Allender Butzke</u><br>ADDRESS: <u>3660 109th St.</u><br>CITY/ST/ZIP: <u>Urbandale IA 50322</u><br>PHONE: <u>515 252-1885</u><br>FAX: <u>515 252-1888</u>                                                                                                                                                                                                                       |         |       |                 |                   | <b>BILL TO:</b><br>NAME: <u>Same as Report</u><br>COMPANY NAME: _____<br>ADDRESS: _____<br>CITY/ST/ZIP: _____<br>PHONE: _____<br>Keystone Quote No.: _____                                |                |                   |                          |                          |
| <b>PRINT OR TYPE INFORMATION BELOW</b><br>SAMPLER: <u>Don Ellis</u><br>SITE NAME: <u>West Basin</u><br>ADDRESS: <u>South Plat Lift Station</u><br>CITY/ST/ZIP: <u>Indianola IA</u><br>PHONE: <u>NA</u>                                                                                                                                                                                                                                          |         |       |                 |                   | <b>ANALYSES REQUIRED</b><br>LABORATORY WORK ORDER NO: <u>11D0711</u><br>SAMPLE TEMPERATURE UPON RECEIPT: <u>°C</u><br>SAMPLE CONDITION COMMENTS: _____<br>LABORATORY SAMPLE NUMBER: _____ |                |                   |                          |                          |
| CLIENT SAMPLE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                            | DATE    | TIME  | SAMPLE LOCATION | NO. OF CONTAINERS | MATRIX                                                                                                                                                                                    | GRAB/COMPOSITE | ANALYSES REQUIRED | LABORATORY SAMPLE NUMBER | LABORATORY WORK ORDER NO |
| WBL-41                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4/12/11 | 12:32 | Grid 41         | 1                 | Soil/G                                                                                                                                                                                    | ✓              | Lead              | 41                       | 11D0711                  |
| WBL-42                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12:40   | "     | 42              | 1                 | "                                                                                                                                                                                         | ✓              | Antimony          | 42                       |                          |
| WBL-43                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12:47   | "     | 43              | 1                 | "                                                                                                                                                                                         | ✓              |                   | 43                       |                          |
| WBL-44                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12:52   | "     | 44              | 1                 | "                                                                                                                                                                                         | ✓              |                   | 44                       |                          |
| WBL-45                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12:58   | "     | 45              | 1                 | "                                                                                                                                                                                         | ✓              |                   | 45                       |                          |
| WBL-46                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1:05    | "     | 46              | 1                 | "                                                                                                                                                                                         | ✓              |                   | 46                       |                          |
| <b>Relinquished by: (Signature)</b> <u>Don Ellis</u> <b>Date:</b> <u>4/13/11</u> <b>Time:</b> _____<br><b>Relinquished by: (Signature)</b> _____ <b>Date:</b> _____ <b>Time:</b> _____<br><b>Received for Lab by: (Signature)</b> _____ <b>Date:</b> <u>4/13/11</u> <b>Time:</b> <u>12:45 L</u><br><b>Received for Lab by: (Signature)</b> _____ <b>Date:</b> _____ <b>Time:</b> _____<br><b>Remarks:</b> <u>Email to Ellis@abengineers.com</u> |         |       |                 |                   |                                                                                                                                                                                           |                |                   |                          |                          |

FORM: CCR 7-97

Original - Return with Report • Yellow - Lab Copy • Pink - Sampler Copy

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL = Method Reporting Limit.