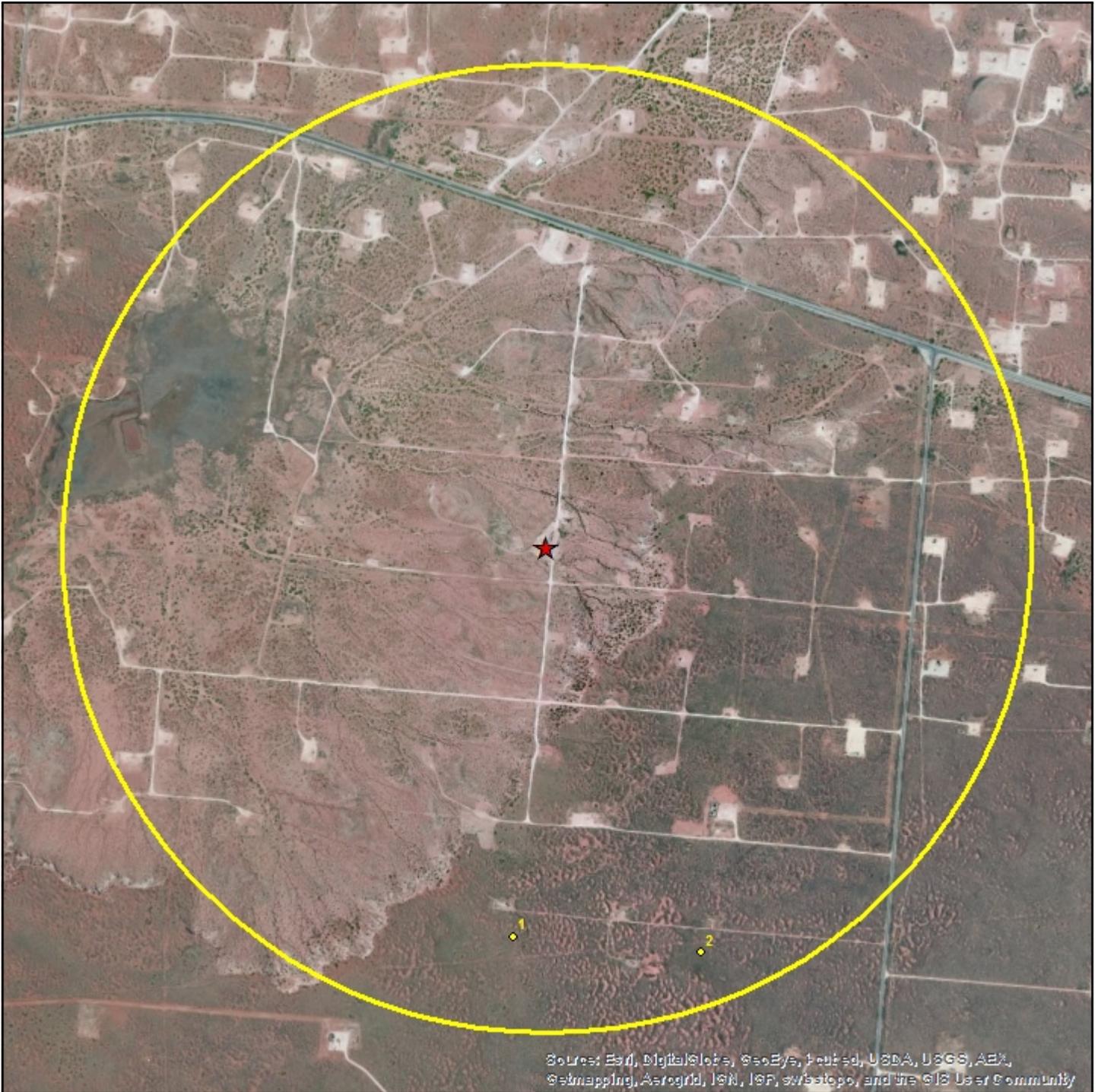


# Current Imagery Overlay Map - 1 Mile Radius



Sources: Esri, DigitalGlobe, GeoEye, Earthstar, USDA, USGS, AeroX, GeoMapping, AeroGRID, IGN, IGP, swisstopo, and the GIS User Community

## Turner Tank Battery

- Well
- Well Cluster
- Target Property
- Search Buffer

1 : 19,000



Lambert Conformal Conic Projection  
1983 North American Datum  
First Standard Parallel: 33° 00' 00" North  
Second Standard Parallel: 45° 00' 00" North  
Central Meridian: 96° 00' 00" West  
Latitude of Origin: 39° 00' 00" North

**Water Well Details** *Turner Tank Battery*



| Map ID | Source ID | Dataset | Owner of Well                | Type of Well | Depth Drilled | Completion Date | Longitude   | Latitude  | Elevation     | Driller's Logs |
|--------|-----------|---------|------------------------------|--------------|---------------|-----------------|-------------|-----------|---------------|----------------|
| 1      | 250761    | NM WW   | NEW MEXICO STATE LAND OFFICE | EXPLORATORY  | 55            | 1/22/2010       | -103.896666 | 32.796389 | 3724 ft (+69) | N/A            |
| 2      | 250760    | NM WW   | NEW MEXICO STATE LAND OFFICE | EXPLORATORY  | 60            | 1/22/2010       | -103.89     | 32.796389 | 3720 ft (+65) | N/A            |

**Well Summary**

| Water Well Dataset | # of Wells |
|--------------------|------------|
| NM WW              | 2          |
| <b>Total Count</b> | <b>2</b>   |

## Dataset Descriptions and Sources *Turner Tank Battery*



| Dataset  | Source                                  | Dataset Description   | Update Schedule | Data Requested | Data Obtained | Data Updated | Source Updated |
|--|---|---|-----------------|----------------|---------------|--------------|----------------|
| NM WW - New Mexico Water Wells                 | New Mexico Office of the State Engineer | This dataset contains all groundwater records compiled by New Mexico Office of the State Engineer (OSE) WATERS database. The WATERS database contains water rights applications and changes. The OSE is in the process of digitizing all records and not all we | Quarterly       | 09/01/2013     | 09/13/2013    | 09/30/2013   | 04/01/2013     |
| NM WW HIST - New Mexico Historical Water Wells | New Mexico Office of the State Engineer | This dataset contains all groundwater records found at the New Mexico Office of the State Engineer Water Rights Division district office. Groundwater rights are administered and filed at the district level: Albuquerque (District I), Roswell (District II), |                 | N/A            | N/A           | N/A          | N/A            |
| WW USGS - USGS Water Wells                     | U.S. Geological Survey                  | This dataset contains groundwater well records from the U.S. Geological Survey.   | Quarterly       | 07/08/2013     | 07/08/2013    | 07/08/2013   | 07/08/2013     |

**Disclaimer** *Turner Tank Battery*



The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.

# **NMOSE DOCUMENTATION**



# New Mexico Office of the State Engineer

## Wells with Well Log Information

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

| POD Number    | Sub-Code | basin | County | Source | q | q | q | Sec | Tws | Rng | X      | Y       | Distance | Start Date | Finish Date | Log File   | Depth Well | Driller | License Number |
|---------------|----------|-------|--------|--------|---|---|---|-----|-----|-----|--------|---------|----------|------------|-------------|------------|------------|---------|----------------|
| RA 11590 POD4 | ED       |       |        |        | 4 | 1 | 1 | 32  | 17S | 31E | 603308 | 3629253 | 1291     | 01/21/2010 | 01/22/2010  | 04/23/2010 | 55         |         | 225            |
| RA 11590 POD3 | ED       |       |        |        | 3 | 1 | 2 | 32  | 17S | 31E | 603932 | 3629260 | 1435     | 01/22/2010 | 01/22/2010  | 04/23/2010 | 60         |         | 225            |
| RA 11590 POD1 | ED       |       |        |        | 2 | 1 | 3 | 32  | 17S | 31E | 603315 | 3628545 | 1999     | 01/20/2010 | 01/26/2010  | 04/23/2010 | 158        |         | 225            |

**Record Count:** 3

**UTM NAD83 Radius Search (in meters):**

Eastings (X): 603290.18

Northing (Y): 3630544.7

Radius: 5000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/25/13 1:06 PM



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

| POD Number    | Q64 | Q16 | Q4 | Sec | Tws | Rng | X      | Y       |
|---------------|-----|-----|----|-----|-----|-----|--------|---------|
| RA 11590 POD4 | 4   | 1   | 1  | 32  | 17S | 31E | 603308 | 3629253 |

**Driller License:** RODGERS & CO., INC.

**Driller Name:**

**Drill Start Date:** 01/21/2010

**Drill Finish Date:** 01/22/2010

**Plug Date:**

**Log File Date:** 04/23/2010

**PCW Rcv Date:**

**Source:**

**Pump Type:**

**Pipe Discharge Size:**

**Estimated Yield:**

**Casing Size:**

**Depth Well:** 55 feet

**Depth Water:**



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

| POD Number    | Q64 | Q16 | Q4 | Sec | Tws | Rng | X      | Y       |
|---------------|-----|-----|----|-----|-----|-----|--------|---------|
| RA 11590 POD3 | 3   | 1   | 2  | 32  | 17S | 31E | 603932 | 3629260 |

**Driller License:** RODGERS & CO., INC.

**Driller Name:**

**Drill Start Date:** 01/22/2010

**Drill Finish Date:** 01/22/2010

**Plug Date:**

**Log File Date:** 04/23/2010

**PCW Rcv Date:**

**Source:**

**Pump Type:**

**Pipe Discharge Size:**

**Estimated Yield:**

**Casing Size:**

**Depth Well:** 60 feet

**Depth Water:**



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

| POD Number    | Q64 | Q16 | Q4 | Sec | Tws | Rng | X      | Y       |
|---------------|-----|-----|----|-----|-----|-----|--------|---------|
| RA 11590 POD1 | 2   | 1   | 3  | 32  | 17S | 31E | 603315 | 3628545 |

**Driller License:** RODGERS & CO., INC.

**Driller Name:**

**Drill Start Date:** 01/20/2010

**Drill Finish Date:** 01/26/2010

**Plug Date:**

**Log File Date:** 04/23/2010

**PCW Rcv Date:**

**Source:**

**Pump Type:**

**Pipe Discharge Size:**

**Estimated Yield:**

**Casing Size:**

**Depth Well:** 158 feet

**Depth Water:**



POD 4



POD 3



POD 1

**APPENDIX 4**  
**LABORATORY ANALYTICAL RESULTS**



June 02, 2014

BRIAN WEAVER  
SKA CONSULTING  
1515 WITTE RD  
HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/02/14 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/02/2014                  | Sampling Date:      | 06/01/2014    |
| Reported:         | 06/02/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #1 SW1 (H401676-01)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/02/2014 | ND              | 464 | 116        | 400           | 10.9 |           |

**Sample ID: AOC #1 SW2 (H401676-02)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/02/2014 | ND              | 464 | 116        | 400           | 10.9 |           |

**Sample ID: AOC #1 SW3 (H401676-03)**

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>32.0</b> | 16.0            | 06/02/2014 | ND              | 464 | 116        | 400           | 10.9 |           |

**Sample ID: AOC #1 SW4 (H401676-04)**

| Chloride, SM4500CI-B |            | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>480</b> | 16.0            | 06/02/2014 | ND              | 464 | 116        | 400           | 10.9 |           |

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/02/2014                  | Sampling Date:      | 06/01/2014    |
| Reported:         | 06/02/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #1 SW5 (H401676-05)**

| Chloride, SM4500Cl-B |             | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>80.0</b> | 16.0            | 06/02/2014 | ND              | 464 | 116        | 400           | 10.9 |           |

**Sample ID: AOC #1 SW6 (H401676-06)**

| Chloride, SM4500Cl-B |             | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>1600</b> | 16.0            | 06/02/2014 | ND              | 464 | 116        | 400           | 10.9 |           |

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report



---

Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

Rosa 24 hr

|  |  |   |  |
|--|--|---|--|
| <b>Company Name:</b> SKA Consulting<br><b>Project Manager:</b> Brian Weaver<br><b>Address:</b> 1515 W. 11th Rd.<br><b>City:</b> Houston <b>State:</b> TX <b>Zip:</b> 77006<br><b>Phone #:</b> 12009-0005 <b>Fax #:</b> _____<br><b>Project #:</b> 12009-0005 <b>Project Owner:</b> _____<br><b>Project Name:</b> Turnover South Tank Battery<br><b>Project Location:</b> _____<br><b>Sampler Name:</b> Scott Drewry<br><small>FOR LAB USE ONLY</small> |  | <b>P.O. #:</b> _____<br><b>Company:</b> _____<br><b>Attn:</b> _____<br><b>Address:</b> SAME<br><b>City:</b> _____<br><b>State:</b> _____ <b>Zip:</b> _____<br><b>Phone #:</b> _____ <b>Fax #:</b> _____   |  |
| <b>Lab I.D. Sample I.D.</b><br>#441676<br>1 AOC #1 SW1<br>2 AOC #1 SW2<br>3 AOC #1 SW3<br>4 AOC #1 SW4<br>5 AOC #1 SW5<br>6 AOC #1 SW6   |  | <b>MATRIX</b><br>(G)RAB OR (C)OMP. <input type="checkbox"/><br># CONTAINERS <input type="checkbox"/><br>GROUNDWATER <input type="checkbox"/><br>WASTEWATER <input type="checkbox"/><br>SOIL <input checked="" type="checkbox"/><br>OIL <input type="checkbox"/><br>SLUDGE <input type="checkbox"/><br>OTHER: _____<br><b>PRESERV.</b><br>ACID/BASE: NONE<br>ICE / COOL _____<br>OTHER: _____<br><b>SAMPLING</b><br>DATE: 6/1/14<br>TIME: 1420 |  |
| <b>Relinquished By:</b> Scott Drewry<br><b>Date:</b> 6/2/14<br><b>Time:</b> 8:10<br><b>Received By:</b> Scott Henderson  |  | <b>Sample Condition</b><br>Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/><br>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/><br><b>CHECKED BY:</b> (Initials) <i>SKA</i>   |  |
| <b>Delivered By: (Circle One)</b><br>Sampler - UPS - Bus - Other: _____<br>1.20  |  | <b>REMARKS:</b> 24 hr TAT<br><b>EMAIL RESULTS:</b> Scott.Drewry@skac consulting.com<br>Brian.Weaver@skac consulting.com   |  |

\* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



June 03, 2014

BRIAN WEAVER  
SKA CONSULTING  
1515 WITTE RD  
HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/03/14 8:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/03/2014                  | Sampling Date:      | 06/02/2014    |
| Reported:         | 06/03/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #1 SW7 (H401683-01)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 06/03/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

**Sample ID: AOC #1 SW8 (H401683-02)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 2360   | 16.0            | 06/03/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

**Sample ID: AOC #1 SW9 (H401683-03)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 624    | 16.0            | 06/03/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

**Sample ID: AOC #1 SW10 (H401683-04)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 16.0   | 16.0            | 06/03/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report



---

Celey D. Keene, Lab Director/Quality Manager





June 04, 2014

BRIAN WEAVER  
SKA CONSULTING  
1515 WITTE RD  
HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/04/14 8:20.

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Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/04/2014                  | Sampling Date:      | 06/03/2014    |
| Reported:         | 06/04/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #1 SW 6B (H401698-01)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 96.0   | 16.0            | 06/04/2014 | ND              | 416 | 104        | 400           | 3.77 |           |

**Sample ID: AOC #1 SW 8B (H401698-02)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/04/2014 | ND              | 416 | 104        | 400           | 3.77 |           |

**Sample ID: AOC #1 SW 15 (H401698-03)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 816    | 16.0            | 06/04/2014 | ND              | 416 | 104        | 400           | 3.77 |           |

**Sample ID: AOC #1 SW 16 (H401698-04)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 64.0   | 16.0            | 06/04/2014 | ND              | 416 | 104        | 400           | 3.77 |           |

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/04/2014                  | Sampling Date:      | 06/03/2014    |
| Reported:         | 06/04/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #1 SW 17 (H401698-05)**
**Chloride, SM4500Cl-B**
**mg/kg**
**Analyzed By: AP**

| Analyte         | Result      | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
|-----------------|-------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| <b>Chloride</b> | <b>32.0</b> | 16.0            | 06/04/2014 | ND           | 416 | 104        | 400           | 3.77 |           |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

|     |  |
|-----|--|
| ND  | Analyte NOT DETECTED at or above the reporting limit   |
| RPD | Relative Percent Difference  |
| **  | Samples not received at proper temperature of 6°C or below.  |
| *** | Insufficient time to reach temperature.  |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |



---

Celey D. Keene, Lab Director/Quality Manager





June 05, 2014

BRIAN WEAVER  
SKA CONSULTING  
1515 WITTE RD  
HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/05/14 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/05/2014                  | Sampling Date:      | 06/04/2014    |
| Reported:         | 06/05/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #1 SW 11 (H401711-01)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/05/2014 | ND              | 400 | 100        | 400           | 0.00 |           |

**Sample ID: AOC #1 SW 12 (H401711-02)**

| Chloride, SM4500Cl-B |            | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>112</b> | 16.0            | 06/05/2014 | ND              | 400 | 100        | 400           | 0.00 |           |

**Sample ID: AOC #1 SW 13 (H401711-03)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/05/2014 | ND              | 400 | 100        | 400           | 0.00 |           |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report



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Celey D. Keene, Lab Director/Quality Manager





June 06, 2014

BRIAN WEAVER  
SKA CONSULTING  
1515 WITTE RD  
HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/05/14 17:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly legible.

Mike Snyder  
Organic Supervisor

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/05/2014                  | Sampling Date:      | 06/05/2014    |
| Reported:         | 06/06/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #1 SW 111 (H401725-01)**

| Chloride, SM4500CI-B |            | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>366</b> | 16.0            | 06/06/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

**Sample ID: AOC #1 SW 121 (H401725-02)**

| Chloride, SM4500CI-B |            | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result     | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>288</b> | 16.0            | 06/06/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

**Sample ID: AOC #1 SW 14 (H401725-03)**

| Chloride, SM4500CI-B |             | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result      | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| <b>Chloride</b>      | <b>1260</b> | 16.0            | 06/06/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

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\*=Accredited Analyte

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Mike Snyder, Organic Supervisor

**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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\*=Accredited Analyte

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Mike Snyder, Organic Supervisor



# CARDINAL Laboratories

RUSTH

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

|   |  |                      |  |                |  |                  |  |
|---|--|----------------------|--|----------------|--|------------------|--|
| Company Name: <b>SKA Consulting</b>             |  | P.O. #:              |  | <b>BILL TO</b> |  | ANALYSIS REQUEST |  |
| Project Manager: <b>Brian Weaver</b>            |  | Company:             |  |                |  |                  |  |
| Address: <b>1515 White Rd.</b>                  |  | Attn:                |  |                |  |                  |  |
| City: <b>Houston</b>                            |  | Address: <b>SAMS</b> |  |                |  |                  |  |
| State: <b>TX</b> Zip: <b>77086</b>              |  | City:                |  |                |  |                  |  |
| Phone #:  |  | State:               |  |                |  |                  |  |
| Project #: <b>2009-0005</b>                     |  | Project Owner:       |  |                |  |                  |  |
| Project Name: <b>Turner B Sodr Tank Battery</b> |  | Phone #:             |  |                |  |                  |  |
| Project Location:                               |  | Fax #:               |  |                |  |                  |  |
| Sampler Name: <b>Scott Drewry</b>               |  | DATE                 |  | TIME           |  |                  |  |
| FOR LAB USE ONLY                                |  | PRESERV              |  | SAMPLING       |  |                  |  |
| Lab I.D.  |  | Sample I.D.          |  |                |  |                  |  |
| H4D1725   |  | 1                    |  | 11             |  |                  |  |
| AOC#1 SW11                                      |  | G1                   |  | 1529           |  | X                |  |
| 2 AOC#1 SW121                                   |  | ↑                    |  | 1525           |  | X                |  |
| 3 AOC#1 SW14                                    |  | ↑                    |  | 1526           |  | X                |  |

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Relinquished By: **Scott Drewry** Date: **8/5/14** Time: **5:35**

Received By: **Brian Weaver**

Delivered By: (Circle One) **UPS - Bus - Other: 5.6c**

Sample Condition: Cool  Intact  Yes  No  Yes  No

CHECKED BY: (Initials) **[Signature]**

REMARKS: **Exam results: Scott.drewry@skaconsulting.com**  
**24 hr TAT**  
**Brian.weaver@ " "**

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



June 09, 2014

BRIAN WEAVER  
SKA CONSULTING  
1515 WITTE RD  
HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/09/14 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/09/2014                  | Sampling Date:      | 06/06/2014    |
| Reported:         | 06/09/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #1 SW 14 B (H401739-01)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 192    | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 B 1 (H401739-02)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 B 2 (H401739-03)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 32.0   | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 SW 1 (H401739-04)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/09/2014                  | Sampling Date:      | 06/08/2014    |
| Reported:         | 06/09/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #2 SW 2 (H401739-05)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1920   | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 SW 3 (H401739-06)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 800    | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 SW 5 (H401739-07)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 SW 6 (H401739-08)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | <16.0  | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 B11 (H401739-09)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 1960   | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 SKA CONSULTING  
 BRIAN WEAVER  
 1515 WITTE RD  
 HOUSTON TX, 77080  
 Fax To: (713) 266-0996

|                   |                             |                     |               |
|-------------------|-----------------------------|---------------------|---------------|
| Received:         | 06/09/2014                  | Sampling Date:      | 06/08/2014    |
| Reported:         | 06/09/2014                  | Sampling Type:      | Soil          |
| Project Name:     | TURNER B SOUTH TANK BATTERY | Sampling Condition: | Cool & Intact |
| Project Number:   | 12009-0005                  | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN                   |                     |               |

**Sample ID: AOC #2 SW 12 (H401739-10)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 576    | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 SW 13 (H401739-11)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 336    | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

**Sample ID: AOC #2 SW 14 (H401739-12)**

| Chloride, SM4500CI-B |        | mg/kg           |            | Analyzed By: AP |     |            |               |      |           |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 528    | 16.0            | 06/09/2014 | ND              | 416 | 104        | 400           | 0.00 |           |

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

|     |  |
|-----|--|
| ND  | Analyte NOT DETECTED at or above the reporting limit   |
| RPD | Relative Percent Difference  |
| **  | Samples not received at proper temperature of 6°C or below.  |
| *** | Insufficient time to reach temperature.  |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |



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Celey D. Keene, Lab Director/Quality Manager