



April 20, 2017

STAN MICKLE

RX-SOIL INC.

108 W. 8TH ST.

FORT WORTH, TX 76087

RE: MC DONALD FARMS

Enclosed are the results of analyses for samples received by the laboratory on 04/18/17 11:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

|                  |   |
|------------------|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG)   |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5)                  |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**RX-SOIL INC.  
108 W. 8TH ST.  
FORT WORTH TX, 76087Project: MC DONALD FARMS  
Project Number: NONE GIVEN  
Project Manager: STAN MICKLE  
Fax To: NAReported:  
20-Apr-17 13:26

| Sample ID    | Laboratory ID | Matrix | Date Sampled    | Date Received   |
|--------------|---------------|--------|-----------------|-----------------|
| WATER SAMPLE | H701020-01    | Water  | 17-Apr-17 10:45 | 18-Apr-17 11:40 |

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 or 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 damage 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:**RX-SOIL INC.  
108 W. 8TH ST.  
FORT WORTH TX, 76087Project: MC DONALD FARMS  
Project Number: NONE GIVEN  
Project Manager: STAN MICKLE  
Fax To: NAReported:  
20-Apr-17 13:26**WATER SAMPLE**  
**H701020-01 (Water)**

| Analyte | Result | MDL | Reporting<br>Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|---------|----------|--------|-------|

**Cardinal Laboratories****Inorganic Compounds**

|                      |             |  |      |       |   |         |    |           |           |  |
|----------------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| <b>Chloride*</b>     | <b>36.0</b> |  | 4.00 | mg/L  | 1 | 7041812 | AC | 18-Apr-17 | 4500-Cl-B |  |
| <b>Conductivity*</b> | <b>757</b>  |  | 1.00 | uS/cm | 1 | 7041810 | AC | 18-Apr-17 | 120.1     |  |
| <b>TDS*</b>          | <b>514</b>  |  | 5.00 | mg/L  | 1 | 7041803 | AC | 20-Apr-17 | 160.1     |  |

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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

RX-SOIL INC.  
108 W. 8TH ST.  
FORT WORTH TX, 76087

Project: MC DONALD FARMS  
Project Number: NONE GIVEN  
Project Manager: STAN MICKLE  
Fax To: NA

Reported:  
20-Apr-17 13:26

### Inorganic Compounds - Quality Control

#### Cardinal Laboratories

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

#### Batch 7041803 - Filtration

##### Blank (7041803-BLK1)

Prepared: 18-Apr-17 Analyzed: 20-Apr-17

TDS ND 5.00 mg/L

##### LCS (7041803-BS1)

Prepared: 18-Apr-17 Analyzed: 20-Apr-17

TDS 230 5.00 mg/L 213 108 80-120

##### Duplicate (7041803-DUP1)

Source: H700984-12

Prepared: 18-Apr-17 Analyzed: 20-Apr-17

TDS 274000 5.00 mg/L 276000 0.934 20

#### Batch 7041810 - General Prep - Wet Chem

##### LCS (7041810-BS1)

Prepared &amp; Analyzed: 18-Apr-17

Conductivity 489 uS/cm 500 97.8 80-120

##### Duplicate (7041810-DUP1)

Source: H701020-01

Prepared &amp; Analyzed: 18-Apr-17

Conductivity 754 1.00 uS/cm 757 0.397 20

#### Batch 7041812 - General Prep - Wet Chem

##### Blank (7041812-BLK1)

Prepared &amp; Analyzed: 18-Apr-17

Chloride ND 4.00 mg/L

##### LCS (7041812-BS1)

Prepared &amp; Analyzed: 18-Apr-17

Chloride 100 4.00 mg/L 100 100 80-120

##### LCS Dup (7041812-BSD1)

Prepared &amp; Analyzed: 18-Apr-17

Chloride 104 4.00 mg/L 100 104 80-120 3.92 20

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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



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FX Soil

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