

# Chemtech Consulting Group

## Analytical Review Report

Date Printed : 4/10/18

Approved By : \_\_\_\_\_

Analyst : AK

Approved Date : \_\_\_\_\_

Data File : LB94458.csv

Worksheet # : \_\_\_\_\_

| Lab Sample ID     | Client ID                       | Raw Amt<br>PPB | Dil      | Matrix   | A. Date        | Prep<br>Method | Analysis<br>Method |     |         |       | Line 1 |
|-------------------|---------------------------------|----------------|----------|----------|----------------|----------------|--------------------|-----|---------|-------|--------|
| Parameter         |                                 |                |          |          | %Rec           | LCL            | UCL                | RPD | Max RPD | Units | Line 2 |
| <b>Bromide</b>    |                                 |                |          |          |                |                |                    |     |         |       |        |
| <b>STD1</b>       | <b>STD1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 0.000    | 0.000    |                |                |                    |     |         | mg/L  |        |
| <b>STD2</b>       | <b>STD2</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 0.555    | 0.555    |                |                |                    |     |         | mg/L  |        |
| <b>STD3</b>       | <b>STD3</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 1.966    | 1.97     |                |                |                    |     |         | mg/L  |        |
| <b>STD4</b>       | <b>STD4</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 3.781    | 3.78     |                |                |                    |     |         | mg/L  |        |
| <b>STD5</b>       | <b>STD5</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 10.233   | 10.2     |                |                |                    |     |         | mg/L  |        |
| <b>STD6</b>       | <b>STD6</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 20.141   | 20.1     |                |                |                    |     |         | mg/L  |        |
| <b>STD7</b>       | <b>STD7</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 24.825   | 24.8     |                |                |                    |     |         | mg/L  |        |
| <b>ICV1</b>       | <b>ICV1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 9.580    | 9.58     | 96.0           | 90             | 110                |     |         | mg/L  |        |
| <b>ICB1</b>       | <b>ICB1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0660          |     |         | mg/L  |        |
| <b>CCV1</b>       | <b>CCV1</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 10.460   | 10.50    | 105.0          | 90             | 110                |     |         | mg/L  |        |
| <b>CCB1</b>       | <b>CCB1</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0660          |     |         | mg/L  |        |
| <b>LB94458BLS</b> | <b>LB94458BLS</b>               |                |          | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.1900          |     |         | mg/Kg |        |
| <b>LB94458BSS</b> | <b>LB94458BSS</b>               |                |          | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 10.097   | 202.00   | 101.0          | 90.00          | 110.00             |     |         | mg/Kg |        |
| <b>J1161-01</b>   | <b>LOD-MDL-SOIL-01-QT1-2018</b> |                | <b>1</b> | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 0.544    | 10.9     |                |                |                    |     |         | mg/Kg |        |
| <b>J1161-03</b>   | <b>MDL-SOIL-03-QT1-2018</b>     |                | <b>1</b> | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 0.592    | 11.8     |                |                |                    |     |         | mg/Kg |        |
| <b>CCV2</b>       | <b>CCV2</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 10.169   | 10.20    | 102.0          | 90             | 110                |     |         | mg/L  |        |
| <b>CCB2</b>       | <b>CCB2</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Bromide           |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0660          |     |         | mg/L  |        |

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| Lab Sample ID     | Client ID                       | Raw Amt<br>PPB | Dil      | Matrix   | A. Date        | Prep<br>Method | Analysis<br>Method |     |         |       | Line 1 |
|-------------------|---------------------------------|----------------|----------|----------|----------------|----------------|--------------------|-----|---------|-------|--------|
| Parameter         |                                 |                |          |          | %Rec           | LCL            | UCL                | RPD | Max RPD | Units | Line 2 |
| <b>Chloride</b>   |                                 |                |          |          |                |                |                    |     |         |       |        |
| <b>STD1</b>       | <b>STD1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.000    | 0.000    |                |                |                    |     |         | mg/L  |        |
| <b>STD2</b>       | <b>STD2</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.170    | 0.170    |                |                |                    |     |         | mg/L  |        |
| <b>STD3</b>       | <b>STD3</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.593    | 0.593    |                |                |                    |     |         | mg/L  |        |
| <b>STD4</b>       | <b>STD4</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 1.134    | 1.13     |                |                |                    |     |         | mg/L  |        |
| <b>STD5</b>       | <b>STD5</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 3.059    | 3.06     |                |                |                    |     |         | mg/L  |        |
| <b>STD6</b>       | <b>STD6</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 6.044    | 6.04     |                |                |                    |     |         | mg/L  |        |
| <b>STD7</b>       | <b>STD7</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 7.450    | 7.45     |                |                |                    |     |         | mg/L  |        |
| <b>ICV1</b>       | <b>ICV1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 2.862    | 2.86     | 95.0           | 90             | 110                |     |         | mg/L  |        |
| <b>ICB1</b>       | <b>ICB1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0750          |     |         | mg/L  |        |
| <b>CCV1</b>       | <b>CCV1</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 3.147    | 3.15     | 105.0          | 90             | 110                |     |         | mg/L  |        |
| <b>CCB1</b>       | <b>CCB1</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0750          |     |         | mg/L  |        |
| <b>LB94458BLS</b> | <b>LB94458BLS</b>               |                |          | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0320          |     |         | mg/Kg |        |
| <b>LB94458BSS</b> | <b>LB94458BSS</b>               |                |          | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 2.994    | 59.90    | 100.0          | 90.00          | 110.00             |     |         | mg/Kg |        |
| <b>J1161-01</b>   | <b>LOD-MDL-SOIL-01-QT1-2018</b> |                | <b>1</b> | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.175    | 3.49     |                |                |                    |     |         | mg/Kg |        |
| <b>J1161-03</b>   | <b>MDL-SOIL-03-QT1-2018</b>     |                | <b>1</b> | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.182    | 3.64     |                |                |                    |     |         | mg/Kg |        |
| <b>CCV2</b>       | <b>CCV2</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 3.053    | 3.05     | 102.0          | 90             | 110                |     |         | mg/L  |        |
| <b>CCB2</b>       | <b>CCB2</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Chloride          |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0750          |     |         | mg/L  |        |

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|-------------------|---------------------------------|----------------|----------|----------|----------------|----------------|--------------------|-----|---------|-------|--------|
| Parameter         |                                 |                |          |          | %Rec           | LCL            | UCL                | RPD | Max RPD | Units | Line 2 |
| <b>Fluoride</b>   |                                 |                |          |          |                |                |                    |     |         |       |        |
| <b>STD1</b>       | <b>STD1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.000    | 0.000    |                |                |                    |     |         | mg/L  |        |
| <b>STD2</b>       | <b>STD2</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.099    | 0.099    |                |                |                    |     |         | mg/L  |        |
| <b>STD3</b>       | <b>STD3</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.393    | 0.393    |                |                |                    |     |         | mg/L  |        |
| <b>STD4</b>       | <b>STD4</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.785    | 0.785    |                |                |                    |     |         | mg/L  |        |
| <b>STD5</b>       | <b>STD5</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 2.042    | 2.04     |                |                |                    |     |         | mg/L  |        |
| <b>STD6</b>       | <b>STD6</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 3.982    | 3.98     |                |                |                    |     |         | mg/L  |        |
| <b>STD7</b>       | <b>STD7</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 5.001    | 5.00     |                |                |                    |     |         | mg/L  |        |
| <b>ICV1</b>       | <b>ICV1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 1.942    | 1.94     | 97.0           | 90             | 110                |     |         | mg/L  |        |
| <b>ICB1</b>       | <b>ICB1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0430          |     |         | mg/L  |        |
| <b>CCV1</b>       | <b>CCV1</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 2.081    | 2.08     | 104.0          | 90             | 110                |     |         | mg/L  |        |
| <b>CCB1</b>       | <b>CCB1</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0430          |     |         | mg/L  |        |
| <b>LB94458BLS</b> | <b>LB94458BLS</b>               |                |          | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0170          |     |         | mg/Kg |        |
| <b>LB94458BSS</b> | <b>LB94458BSS</b>               |                |          | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 2.041    | 40.80    | 102.0          | 90.00          | 110.00             |     |         | mg/Kg |        |
| <b>J1161-01</b>   | <b>LOD-MDL-SOIL-01-QT1-2018</b> |                | <b>1</b> | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.106    | 2.12     |                |                |                    |     |         | mg/Kg |        |
| <b>J1161-03</b>   | <b>MDL-SOIL-03-QT1-2018</b>     |                | <b>1</b> | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.117    | 2.34     |                |                |                    |     |         | mg/Kg |        |
| <b>CCV2</b>       | <b>CCV2</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 2.033    | 2.03     | 102.0          | 90             | 110                |     |         | mg/L  |        |
| <b>CCB2</b>       | <b>CCB2</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Fluoride          |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0430          |     |         | mg/L  |        |

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| Lab Sample ID | Client ID                |      | Raw Amt | Dil | Matrix | A. Date | Prep   | Analysis  |  |       | Line 1 |
|---------------|--------------------------|------|---------|-----|--------|---------|--------|-----------|--|-------|--------|
| Parameter     |                          |      | PPB     |     |        | %Rec    | Method | Method    |  |       | Line 2 |
| Nitrate       |                          |      |         |     |        |         |        |           |  |       |        |
| STD1          | STD1                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.000   |     | 0.000  |         |        |           |  | mg/L  |        |
| STD2          | STD2                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.140   |     | 0.140  |         |        |           |  | mg/L  |        |
| STD3          | STD3                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.494   |     | 0.494  |         |        |           |  | mg/L  |        |
| STD4          | STD4                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.939   |     | 0.939  |         |        |           |  | mg/L  |        |
| STD5          | STD5                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 2.557   |     | 2.56   |         |        |           |  | mg/L  |        |
| STD6          | STD6                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 5.047   |     | 5.05   |         |        |           |  | mg/L  |        |
| STD7          | STD7                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 6.198   |     | 6.20   |         |        |           |  | mg/L  |        |
| ICV1          | ICV1                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 2.379   |     | 2.38   | 95.0    | 90     | 110       |  | mg/L  |        |
| ICB1          | ICB1                     |      |         |     | W      | 3/12/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.000   |     | 0.000  |         |        | +/-0.0270 |  | mg/L  |        |
| CCV1          | CCV1                     |      |         |     | W      | 3/15/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 2.615   |     | 2.62   | 105.0   | 90     | 110       |  | mg/L  |        |
| CCB1          | CCB1                     |      |         |     | W      | 3/15/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.000   |     | 0.000  |         |        | +/-0.0270 |  | mg/L  |        |
| LB94458BLS    | LB94458BLS               |      |         |     | S      | 3/15/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.000   |     | 0.000  |         |        | +/-0.0110 |  | mg/Kg |        |
| LB94458BSS    | LB94458BSS               |      |         |     | S      | 3/15/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 2.521   |     | 50.40  | 101.0   | 90.00  | 110.00    |  | mg/Kg |        |
| J1161-01      | LOD-MDL-SOIL-01-QT1-2018 | 1    |         |     | S      | 3/15/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.143   |     | 2.85   |         |        |           |  | mg/Kg |        |
| J1161-03      | MDL-SOIL-03-QT1-2018     | 1    |         |     | S      | 3/15/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.148   |     | 2.96   |         |        |           |  | mg/Kg |        |
| CCV2          | CCV2                     |      |         |     | W      | 3/15/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 2.541   |     | 2.54   | 102.0   | 90     | 110       |  | mg/L  |        |
| CCB2          | CCB2                     |      |         |     | W      | 3/15/18 |        |           |  |       |        |
| Nitrate       |                          | PASS | 0.000   |     | 0.000  |         |        | +/-0.0270 |  | mg/L  |        |

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|-------------------|---------------------------------|----------------|----------|------------|----------------|----------------|--------------------|-----------|---------|-------|--------|
| Parameter         |                                 |                |          | Final Conc | %Rec           | LCL            | UCL                | RPD       | Max RPD | Units | Line 2 |
| <b>Nitrite</b>    |                                 |                |          |            |                |                |                    |           |         |       |        |
| <b>STD1</b>       | <b>STD1</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.000      | 0.000          |                |                    |           |         | mg/L  |        |
| <b>STD2</b>       | <b>STD2</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.192      | 0.192          |                |                    |           |         | mg/L  |        |
| <b>STD3</b>       | <b>STD3</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.603      | 0.603          |                |                    |           |         | mg/L  |        |
| <b>STD4</b>       | <b>STD4</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 1.126      | 1.13           |                |                    |           |         | mg/L  |        |
| <b>STD5</b>       | <b>STD5</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 3.018      | 3.02           |                |                    |           |         | mg/L  |        |
| <b>STD6</b>       | <b>STD6</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 6.043      | 6.04           |                |                    |           |         | mg/L  |        |
| <b>STD7</b>       | <b>STD7</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 7.468      | 7.47           |                |                    |           |         | mg/L  |        |
| <b>ICV1</b>       | <b>ICV1</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 2.836      | 2.84           | 95.0           | 90                 | 110       |         | mg/L  |        |
| <b>ICB1</b>       | <b>ICB1</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.000      | 0.000          |                |                    | +/-0.0220 |         | mg/L  |        |
| <b>CCV1</b>       | <b>CCV1</b>                     |                |          | <b>W</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 3.083      | 3.08           | 103.0          | 90                 | 110       |         | mg/L  |        |
| <b>CCB1</b>       | <b>CCB1</b>                     |                |          | <b>W</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.000      | 0.000          |                |                    | +/-0.0220 |         | mg/L  |        |
| <b>LB94458BLS</b> | <b>LB94458BLS</b>               |                |          | <b>S</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.000      | 0.000          |                |                    | +/-0.0100 |         | mg/Kg |        |
| <b>LB94458BSS</b> | <b>LB94458BSS</b>               |                |          | <b>S</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 2.985      | 59.70          | 100.0          | 90.00              | 110.00    |         | mg/Kg |        |
| <b>J1161-01</b>   | <b>LOD-MDL-SOIL-01-QT1-2018</b> |                | <b>1</b> | <b>S</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.187      | 3.73           |                |                    |           |         | mg/Kg |        |
| <b>J1161-03</b>   | <b>MDL-SOIL-03-QT1-2018</b>     |                | <b>1</b> | <b>S</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.195      | 3.90           |                |                    |           |         | mg/Kg |        |
| <b>CCV2</b>       | <b>CCV2</b>                     |                |          | <b>W</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 3.003      | 3.00           | 100.0          | 90                 | 110       |         | mg/L  |        |
| <b>CCB2</b>       | <b>CCB2</b>                     |                |          | <b>W</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Nitrite           |                                 | PASS           |          | 0.000      | 0.000          |                |                    | +/-0.0220 |         | mg/L  |        |

# Chemtech Consulting Group

## Analytical Review Report

Date Printed : 4/10/18

Approved By : \_\_\_\_\_

Analyst : AK

Approved Date : \_\_\_\_\_

Data File : LB94458.csv

Worksheet # : \_\_\_\_\_

| Lab Sample ID          | Client ID                       | Raw Amt<br>PPB | Dil      | Matrix   | A. Date        | Prep<br>Method | Analysis<br>Method |     |         |       | Line 1 |
|------------------------|---------------------------------|----------------|----------|----------|----------------|----------------|--------------------|-----|---------|-------|--------|
| Parameter              |                                 |                |          |          | %Rec           | LCL            | UCL                | RPD | Max RPD | Units | Line 2 |
| <b>Ortho Phosphate</b> |                                 |                |          |          |                |                |                    |     |         |       |        |
| <b>STD1</b>            | <b>STD1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 0.000    | 0.000    |                |                |                    |     |         | mg/L  |        |
| <b>STD2</b>            | <b>STD2</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 0.080    | 0.080    |                |                |                    |     |         | mg/L  |        |
| <b>STD3</b>            | <b>STD3</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 1.131    | 1.13     |                |                |                    |     |         | mg/L  |        |
| <b>STD4</b>            | <b>STD4</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 1.991    | 1.99     |                |                |                    |     |         | mg/L  |        |
| <b>STD5</b>            | <b>STD5</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 5.261    | 5.26     |                |                |                    |     |         | mg/L  |        |
| <b>STD6</b>            | <b>STD6</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 9.605    | 9.60     |                |                |                    |     |         | mg/L  |        |
| <b>STD7</b>            | <b>STD7</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 12.682   | 12.7     |                |                |                    |     |         | mg/L  |        |
| <b>ICV1</b>            | <b>ICV1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 4.697    | 4.70     | 94.0           | 90             | 110                |     |         | mg/L  |        |
| <b>ICB1</b>            | <b>ICB1</b>                     |                |          | <b>W</b> | <b>3/12/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0100          |     |         | mg/L  |        |
| <b>CCV1</b>            | <b>CCV1</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 4.905    | 4.90     | 98.0           | 90             | 110                |     |         | mg/L  |        |
| <b>CCB1</b>            | <b>CCB1</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0100          |     |         | mg/L  |        |
| <b>LB94458BLS</b>      | <b>LB94458BLS</b>               |                |          | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0020          |     |         | mg/Kg |        |
| <b>LB94458BSS</b>      | <b>LB94458BSS</b>               |                |          | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 4.900    | 98.00    | 98.0           | 90.00          | 110.00             |     |         | mg/Kg |        |
| <b>J1161-01</b>        | <b>LOD-MDL-SOIL-01-QT1-2018</b> |                | <b>1</b> | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 0.101    | 2.02     |                |                |                    |     |         | mg/Kg |        |
| <b>J1161-03</b>        | <b>MDL-SOIL-03-QT1-2018</b>     |                | <b>1</b> | <b>S</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 0.123    | 2.46     |                |                |                    |     |         | mg/Kg |        |
| <b>CCV2</b>            | <b>CCV2</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 4.807    | 4.81     | 96.0           | 90             | 110                |     |         | mg/L  |        |
| <b>CCB2</b>            | <b>CCB2</b>                     |                |          | <b>W</b> | <b>3/15/18</b> |                |                    |     |         |       |        |
| Ortho Phosphate        |                                 | PASS           | 0.000    | 0.000    |                |                | +/-0.0100          |     |         | mg/L  |        |

# Chemtech Consulting Group

## Analytical Review Report

Date Printed : 4/10/18

Approved By : \_\_\_\_\_

Analyst : AK

Approved Date : \_\_\_\_\_

Data File : LB94458.csv

Worksheet # : \_\_\_\_\_

| Lab Sample ID     | Client ID                       | Raw Amt<br>PPB | Dil      | Matrix     | A. Date        | Prep<br>Method | Analysis<br>Method |           |         |       | Line 1 |
|-------------------|---------------------------------|----------------|----------|------------|----------------|----------------|--------------------|-----------|---------|-------|--------|
| Parameter         |                                 |                |          | Final Conc | %Rec           | LCL            | UCL                | RPD       | Max RPD | Units | Line 2 |
| <b>Sulfate</b>    |                                 |                |          |            |                |                |                    |           |         |       |        |
| <b>STD1</b>       | <b>STD1</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 0.000      | 0.000          |                |                    |           |         | mg/L  |        |
| <b>STD2</b>       | <b>STD2</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 0.915      | 0.915          |                |                    |           |         | mg/L  |        |
| <b>STD3</b>       | <b>STD3</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 3.009      | 3.01           |                |                    |           |         | mg/L  |        |
| <b>STD4</b>       | <b>STD4</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 5.642      | 5.64           |                |                    |           |         | mg/L  |        |
| <b>STD5</b>       | <b>STD5</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 15.160     | 15.2           |                |                    |           |         | mg/L  |        |
| <b>STD6</b>       | <b>STD6</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 30.206     | 30.2           |                |                    |           |         | mg/L  |        |
| <b>STD7</b>       | <b>STD7</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 37.318     | 37.3           |                |                    |           |         | mg/L  |        |
| <b>ICV1</b>       | <b>ICV1</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 14.248     | 14.20          | 95.0           | 90                 | 110       |         | mg/L  |        |
| <b>ICB1</b>       | <b>ICB1</b>                     |                |          | <b>W</b>   | <b>3/12/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 0.000      | 0.000          |                |                    | +/-0.1320 |         | mg/L  |        |
| <b>CCV1</b>       | <b>CCV1</b>                     |                |          | <b>W</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 15.018     | 15.00          | 100.0          | 90                 | 110       |         | mg/L  |        |
| <b>CCB1</b>       | <b>CCB1</b>                     |                |          | <b>W</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 0.000      | 0.000          |                |                    | +/-0.1320 |         | mg/L  |        |
| <b>LB94458BLS</b> | <b>LB94458BLS</b>               |                |          | <b>S</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 0.000      | 0.000          |                |                    | +/-0.0960 |         | mg/Kg |        |
| <b>LB94458BSS</b> | <b>LB94458BSS</b>               |                |          | <b>S</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 15.229     | 305.00         | 102.0          | 90.00              | 110.00    |         | mg/Kg |        |
| <b>J1161-01</b>   | <b>LOD-MDL-SOIL-01-QT1-2018</b> |                | <b>1</b> | <b>S</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 0.920      | 18.4           |                |                    |           |         | mg/Kg |        |
| <b>J1161-03</b>   | <b>MDL-SOIL-03-QT1-2018</b>     |                | <b>1</b> | <b>S</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 0.950      | 19.0           |                |                    |           |         | mg/Kg |        |
| <b>CCV2</b>       | <b>CCV2</b>                     |                |          | <b>W</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 14.614     | 14.60          | 97.0           | 90                 | 110       |         | mg/L  |        |
| <b>CCB2</b>       | <b>CCB2</b>                     |                |          | <b>W</b>   | <b>3/15/18</b> |                |                    |           |         |       |        |
| Sulfate           |                                 | PASS           |          | 0.000      | 0.000          |                |                    | +/-0.1320 |         | mg/L  |        |