



# Final Results

Report To:

Steve Christensen  
DEPT OF NATURAL RESOURCES-OGM (WT1177)  
1594 W NORTH TEMPLE-SUITE 1210  
Salt Lake City, UT 84114

Bill To:

Steve Christensen  
DEPT OF NATURAL RESOURCES-OGM  
1594 W NORTH TEMPLE-SUIT 1210  
Salt Lake City, UT 84114

Project ID: C2017-05676

Steve Christensen,

Your sample(s) submitted to Utah Public Health Laboratory (UPHL) on Thursday, September 28, 2017 were assigned the UPHL Project ID **C2017-05676**. Enclosed are the analytical results pertaining to that Project ID.

Herein are the results relating only to the sample(s) received and tested for the project C2017-05676. All associated analyses were performed following the UPHL Quality Assurance Plan. This report and its contents have been reviewed and approved by the appropriate Laboratory Staff and Supervisor(s). This report shall not be reproduced, except in full, without the written permission of UPHL.

If you have any questions regarding your results, please contact UPHL at (801) 965-2400 and reference the Project ID C2017-05676.

A handwritten signature in black ink, appearing to read 'Kyle Ashby', written over a horizontal line.

Reviewed by: Kyle Ashby  
Reviewed on: 10/11/2017



# Project Summary

**Report To:**

Steve Christensen (WT1177)  
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1594 W NORTH TEMPLE-SUITE 1210  
Salt Lake City, UT 84114

**Bill To:**

Steve Christensen  
DEPT OF NATURAL RESOURCES-OGM  
1594 W NORTH TEMPLE-SUIT 1210  
Salt Lake City, UT 84114

Phone: 801-538-5262

Fax: 801-359-3940

E-mail: [stevechristensen@utah.gov](mailto:stevechristensen@utah.gov)

Phone: 801-538-5262

Fax: 801-539-3940

E-mail: [stevechristensen@utah.gov](mailto:stevechristensen@utah.gov)

Project ID: C2017-05676

<u>Sample #</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Facility</u>	<u>Sampling Point</u>	<u>Site Description</u>
2087995	09/26/17	09/28/17	N/A	N/A	002
2087997	09/26/17	09/28/17	N/A	N/A	002

# Analytical Report

Facility: N/A Sampling Point: N/A Site Description: 002	
Sample ID: 2087995 Text ID: TCH17-2579 Matrix: Water Bottle Type: Total Chemistry - 1 L unpreserved plastic SDWIS Type: Private Investigative	Date Collected 9/26/2017 2:40:00PM Collected By: JE COC Initiated: Yes Condition of Seal: Not Present

**Analysis Method - EPA 375.2**

Analyzed By: Keith Henderson Analysis Date: 10/10/2017 Analysis Batch: EPA375.2-20171011-1 Instrument ID: CHM_LACHAT_02	Reviewed By: Boyd Neilson Reviewed Date: 10/11/2017 Prep Method: Prep Batch: Prep Date:														
<table border="1"> <thead> <tr> <th>Analyte</th> <th>Result</th> <th>Dil Fac</th> <th>Qualifier</th> <th>MDL</th> <th>MRL</th> <th>SRL</th> </tr> </thead> <tbody> <tr> <td>Sulfate</td> <td>135 mg/L</td> <td>1</td> <td></td> <td>12.4 mg/L</td> <td>20.00 mg/L</td> <td>20.0 mg/L</td> </tr> </tbody> </table>	Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL	Sulfate	135 mg/L	1		12.4 mg/L	20.00 mg/L	20.0 mg/L	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Sulfate	135 mg/L	1		12.4 mg/L	20.00 mg/L	20.0 mg/L									

Facility: N/A Sampling Point: N/A Site Description: 002	
Sample ID: 2087997 Text ID: FIL17-1691 Matrix: Water, Filtered Bottle Type: Filtered Water for Drinking Water SDWIS Type: Private Investigative	Date Collected 9/26/2017 2:40:00PM Collected By: JE COC Initiated: Yes Condition of Seal: Not Present

**Analysis Method - EPA 200.8**

Analyzed By: Robert Lo Analysis Date: 09/29/2017 Analysis Batch: EPA200.8-20171002-2 Instrument ID: CHM_AGILENT_7700	Reviewed By: David Schoettmer Reviewed Date: 10/06/2017 Prep Method: Prep Batch: Prep Date:														
<table border="1"> <thead> <tr> <th>Analyte</th> <th>Result</th> <th>Dil Fac</th> <th>Qualifier</th> <th>MDL</th> <th>MRL</th> <th>SRL</th> </tr> </thead> <tbody> <tr> <td>Aluminum</td> <td>594 µg/L</td> <td>5.00</td> <td></td> <td>5 µg/L</td> <td>10 µg/L</td> <td>50.0 µg/L</td> </tr> </tbody> </table>	Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL	Aluminum	594 µg/L	5.00		5 µg/L	10 µg/L	50.0 µg/L	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Aluminum	594 µg/L	5.00		5 µg/L	10 µg/L	50.0 µg/L									

**Analysis Method - EPA 200.8**

Analyzed By: Robert Lo Analysis Date: 09/29/2017 Analysis Batch: EPA200.8_M-20170929-5 Instrument ID: CHM_AGILENT_7700	Reviewed By: David Schoettmer Reviewed Date: 10/06/2017 Prep Method: Prep Batch: Prep Date:														
<table border="1"> <thead> <tr> <th>Analyte</th> <th>Result</th> <th>Dil Fac</th> <th>Qualifier</th> <th>MDL</th> <th>MRL</th> <th>SRL</th> </tr> </thead> <tbody> <tr> <td>Iron</td> <td>170 µg/L</td> <td>1.00</td> <td></td> <td>15 µg/L</td> <td>30 µg/L</td> <td>30.0 µg/L</td> </tr> </tbody> </table>	Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL	Iron	170 µg/L	1.00		15 µg/L	30 µg/L	30.0 µg/L	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Iron	170 µg/L	1.00		15 µg/L	30 µg/L	30.0 µg/L									

## Report Comments

This report contains only the results for analyses requested and tested.

Unless otherwise noted:

- Samples were received in acceptable condition.
- Samples have not been blank corrected.
- All Quality Control Samples processed yielded acceptable results.

## Report Symbol Definitions

MDL - Method Detection Limit, a statistically estimated concentration for instrument/method/matrix sensitivity.

MRL - Method Reporting Limit, the minimum concentration that can be reported as a quantitated value.

SRL - Sample Reporting Limit, the minimum concentration that can be reported as a quantitated value taking into account limitations inherent in the sample matrix.

ND - Not Detected, tested result was not detected above MDL or MRL.

< - Less than, tested result is less than the numerical value.