

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
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Salt Lake City, UT 84114

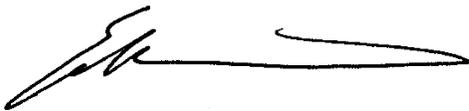
Project ID: C2018-00350

Steve Christensen,

Your sample(s) submitted to Utah Public Health Laboratory (UPHL) on Wednesday, January 31, 2018 were assigned the UPHL Project ID **C2018-00350**. 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 C2018-00350. 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 C2018-00350.



Reviewed by: Ed Harrison
Reviewed on: 2/9/2018



Project Summary

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Project ID: C2018-00350

<u>Sample #</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Facility</u>	<u>Sampling Point</u>	<u>Site Description</u>
2111851	01/30/18	01/31/18	N/A	N/A	002
2111853	01/30/18	01/31/18	N/A	N/A	002

Facility: N/A Sampling Point: N/A Site Description: 002	
Sample ID: 2111851 Text ID: TCH18-0125 Matrix: Water Bottle Type: Total Chemistry - 1 L unpreserved plastic SDWIS Type: Private Investigative	Date Collected 1/30/2018 10:40:00AM Collected By: JE COC Initiated: Yes Condition of Seal: Not Present

Analysis Method - EPA 375.2

Analyzed By: Keith Henderson Analysis Date: 02/05/2018 Analysis Batch: EPA375.2-20180205-1 Instrument ID: CHM_LACHAT_02	Reviewed By: Boyd Neilson Reviewed Date: 02/09/2018 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>139 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	139 mg/L	1		12.4 mg/L	20.00 mg/L	20.0 mg/L	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Sulfate	139 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: 2111853 Text ID: UFL18-0021 Matrix: Water, Non-filtered Bottle Type: UnFiltered water for Drinking Water SDWIS Type: Private Investigative	Date Collected 1/30/2018 10:40:00AM Collected By: JE COC Initiated: Yes Condition of Seal: Not Present

Analysis Method - Turbidity for Metals

Analyzed By: David Schoettmer Analysis Date: 01/31/2018 Analysis Batch: EPA180.1_M-20180131-1 Instrument ID:	Reviewed By: Ed Harrison Reviewed Date: 02/01/2018 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>Turbidity</td> <td><1 NTU</td> <td>1</td> <td></td> <td>0.0382 NTU</td> <td>1.0 NTU</td> <td>1.0 NTU</td> </tr> </tbody> </table>	Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL	Turbidity	<1 NTU	1		0.0382 NTU	1.0 NTU	1.0 NTU	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Turbidity	<1 NTU	1		0.0382 NTU	1.0 NTU	1.0 NTU									

Analysis Method - EPA 200.8

Analyzed By: Robert Lo Analysis Date: 01/31/2018 Analysis Batch: EPA200.8-20180201-1 Instrument ID: CHM_AGILENT_7700	Reviewed By: David Schoettmer Reviewed Date: 02/02/2018 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>106 µg/L</td> <td>1.00</td> <td></td> <td>5 µg/L</td> <td>10 µg/L</td> <td>10.0 µg/L</td> </tr> </tbody> </table>	Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL	Aluminum	106 µg/L	1.00		5 µg/L	10 µg/L	10.0 µg/L	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Aluminum	106 µg/L	1.00		5 µg/L	10 µg/L	10.0 µg/L									

Analytical Report

Facility: N/A Sampling Point: N/A Site Description: 002	
Sample ID: 2111853 (Continued) Text ID: UFL18-0021 Matrix: Water, Non-filtered Bottle Type: UnFiltered water for Drinking Water SDWIS Type: Private Investigative	Date Collected: 1/30/2018 10:40:00AM Collected By: JE COC Initiated: Yes Condition of Seal: Not Present

Analysis Method - EPA 200.8

Analyzed By: Robert Lo Analysis Date: 02/01/2018 Analysis Batch: EPA200.8_M-20180201-1 Instrument ID: CHM_AGILENT_7700	Reviewed By: David Schoettmer Reviewed Date: 02/01/2018 Prep Method: Prep Batch: Prep Date:
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Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL
Iron	<30.0 µg/L	1.00	U	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.

U - Not detected/reported