



# 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: C2020-02087

Steve Christensen,

Your sample(s) submitted to Utah Public Health Laboratory (UPHL) on Wednesday, June 24, 2020 were assigned the UPHL Project ID **C2020-02087**. 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 C2020-02087. 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 C2020-02087.

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

Reviewed by: Kyle Ashby  
Reviewed on: 6/29/2020



# Project Summary

**Report To:**

Steve Christensen (WT1177)  
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

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Project ID: C2020-02087

<u>Sample #</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Facility</u>	<u>Sampling Point</u>	<u>Site Description</u>
2312394	06/23/20	06/23/20	N/A	N/A	SKYLINE MINE OUTFALL 004
2312398	06/23/20	06/23/20	N/A	N/A	SKYLINE MINE OUTFALL 004

Facility: N/A Sampling Point: N/A Site Description: SKYLINE MINE OUTFALL 004	
Sample ID: 2312394 Text ID: TCH20-1124 Matrix: Water Bottle Type: Total Chemistry - 1 L unpreserved plastic SDWIS Type: Private Investigative	Date Collected 6/23/2020 12:42:00PM Collected By: SC COC Initiated: No Condition of Seal: N/A

**Analysis Method - EPA160.1/SM2540C**

Analyzed By: Aoi Kan Analysis Date: 06/24/2020 Analysis Batch: EPA160.1-20200625-2 Instrument ID:	Reviewed By: Boyd Neilson Reviewed Date: 06/29/2020 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>Total Dissolved Solids</td> <td>910 mg/L</td> <td>1</td> <td></td> <td>15.0 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	Total Dissolved Solids	910 mg/L	1		15.0 mg/L	20.00 mg/L	20.0 mg/L	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Total Dissolved Solids	910 mg/L	1		15.0 mg/L	20.00 mg/L	20.0 mg/L									

**Analysis Method - EPA160.2**

Analyzed By: Aoi Kan Analysis Date: 06/24/2020 Analysis Batch: EPA160.2-20200625-1 Instrument ID:	Reviewed By: Boyd Neilson Reviewed Date: 06/29/2020 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>Total Suspended Solids</td> <td>&lt;4.00 mg/L</td> <td>1</td> <td>U</td> <td>1.83 mg/L</td> <td>4.000 mg/L</td> <td>4.00 mg/L</td> </tr> </tbody> </table>	Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL	Total Suspended Solids	<4.00 mg/L	1	U	1.83 mg/L	4.000 mg/L	4.00 mg/L	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Total Suspended Solids	<4.00 mg/L	1	U	1.83 mg/L	4.000 mg/L	4.00 mg/L									

Facility: N/A Sampling Point: N/A Site Description: SKYLINE MINE OUTFALL 004	
Sample ID: 2312398 Text ID: UFL20-0194 Matrix: Water, Non-filtered Bottle Type: UnFiltered water for Drinking Water SDWIS Type: Private Investigative	Date Collected 6/23/2020 12:42:00PM Collected By: SC COC Initiated: No Condition of Seal: N/A

**Analysis Method - Turbidity for Metals**

Analyzed By: Robert Lo Analysis Date: 06/24/2020 Analysis Batch: EPA180.1_M-20200624-1 Instrument ID:	Reviewed By: Robert Lo Reviewed Date: 06/24/2020 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>&lt;1 NTU</td> <td>1</td> <td></td> <td>.5 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		.5 NTU	1.0 NTU	1.0 NTU	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Turbidity	<1 NTU	1		.5 NTU	1.0 NTU	1.0 NTU									

**Analysis Method - EPA200.7**

Analyzed By: Robert Lo Analysis Date: 06/24/2020 Analysis Batch: EPA200.7-20200625-1 Instrument ID: ICAP_7400	Reviewed By: John Torgensen Reviewed Date: 06/25/2020 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>992 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	992 µg/L	1.00		15 µg/L	30 µg/L	30.0 µg/L	
Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SRL									
Iron	992 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.

U - Not detected/reported