



OGMCOAL DNR &lt;ogmcoal@utah.gov&gt;

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## Fwd: June/July Samples

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**Steve Christensen** <stevechristensen@utah.gov>

Thu, Aug 25, 2016 at 2:07 PM

To: OGMCOAL DNR &lt;ogmcoal@utah.gov&gt;, Amanda Daniels &lt;amandadaniels@utah.gov&gt;

fyi- June Crandall Canyon Water samples.

Amanda- I've saved the reports in the water Crandall file on the 'O' drive with the other reports for 206.

——— Forwarded message ———

From: **David Dick** <ddick@utah.gov>

Date: Thu, Aug 25, 2016 at 1:05 PM

Subject: Re: June/July Samples

To: Steve Christensen &lt;stevechristensen@utah.gov&gt;, Corrine Thomas &lt;corrinethomas@utah.gov&gt;

Cc: Amanda Daniels &lt;amandadaniels@utah.gov&gt;

Hi Steve, it looks like the two samples with sulfate from 7-05 have been completed. I have attached the reports. The remaining samples need to be reviewed before the results can be released. There is a bit of struggling going on right now with the new system. 🤖

David

On Thu, Aug 25, 2016 at 10:43 AM, Steve Christensen &lt;stevechristensen@utah.gov&gt; wrote:

Hi David,

I had a note to check in with you and see what the status is of the June and July Crandall Canyon/Division of Oil, Gas and Mining samples is. If you could shoot me an e-mail, that would be great.

Thanks,  
Steve

—

Steve Christensen  
Utah Division of Oil, Gas and Mining  
1594 W North Temple, Suite 1210  
Salt Lake City, Utah 84116  
(801) 538-5350  
[stevechristensen@utah.gov](mailto:stevechristensen@utah.gov)

—

David Dick

Utah Public Health Laboratory  
Chemical and Environmental Sample Receiving  
4431 S 2700 W  
Taylorsville, UT 84129  
(801) 965-2400

My direct numbers are:

(801) 965-2405 tel

(801) 969-3238 fax

Lab Hours  
Monday - Friday from 8 a.m. to 5 p.m.

\*\*\*\*\* IMPORTANT MESSAGE \*\*\*\*\*

This message, including any attachments, may contain confidential information intended for a specific individual and purpose, and is protected by law. If you are not the intended recipient, delete this message, including from trash, and notify me by telephone or email.

If you are not the intended recipient, any distribution or copying of this message, or the taking of any action based on its content is strictly prohibited.

—  
Steve Christensen  
Utah Division of Oil, Gas and Mining  
1594 W North Temple, Suite 1210  
Salt Lake City, Utah 84116  
[\(801\) 538-5350](tel:(801)538-5350)  
[stevechristensen@utah.gov](mailto:stevechristensen@utah.gov)

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**2 attachments**

 **00001315.PDF**  
83K

 **00001302.PDF**  
83K



# Final Results

Report To:

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

Bill To:

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

Project ID: C2016-00707

KEN HOFFMAN,

Your sample(s) submitted to Utah Public Health Laboratory (UPHL) on Tuesday, July 5, 2016 were assigned the UPHL Project ID **C2016-00707**. 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 C2016-00707. 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 C2016-00707.

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

Reviewed by: Ed Harrison  
Reviewed on: 7/15/2016



# Project Summary

**Report To:**

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

**Bill To:**

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

Phone: 801-538-5345

Fax: 801-539-3940

E-mail: KENHOFFMAN@UTAH.GOV

Phone: 801-538-5345

Fax: 801-539-3940

E-mail: KEVINLUNDMARK@UTAH.GOV

Project ID: C2016-00707

<u>Sample #</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Facility</u>	<u>Sampling Point</u>	<u>Site Description</u>
2005035	06/15/16	07/05/16	N/A	N/A	002 PRE-CRANDALL

# Analytical Report

Facility: N/A Sampling Point: N/A Site Description: 002 PRE-CRANDALL	
Sample ID: 2005035 Text ID: TCH16-0016 Matrix: Water Bottle Type: Total Chemistry - 1 L unpreserved plastic SDWIS Type: Private Investigative	Date Collected 6/15/2016 10:15:00AM Collected By: SD COC Initiated: Yes Condition of Seal: Not Present

**Analysis Method - Sulfate**

Analyzed By: Boyd Neilson Analysis Date: 07/11/2016 Analysis Batch: EPA375.2-20160712-3 Instrument ID: CHM_LACHAT_02	Reviewed By: Boyd Neilson Reviewed Date: 07/14/2016 Prep Method: Prep Batch: Prep Date:
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Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SDL
Sulfate	139 mg/L	1		4.338 mg/L	20 mg/L	4.34 mg/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

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

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

U - Qualifier, indicates the tested result was less than MDL and cannot be positively identified

J - Qualifier, indicates the tested result was positively identified but less than MRL



# Final Results

Report To:

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

Bill To:

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

Project ID: C2016-00708

KEN HOFFMAN,

Your sample(s) submitted to Utah Public Health Laboratory (UPHL) on Tuesday, July 5, 2016 were assigned the UPHL Project ID **C2016-00708**. 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 C2016-00708. 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 C2016-00708.

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

Reviewed by: Ed Harrison  
Reviewed on: 7/15/2016



# Project Summary

**Report To:**

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

**Bill To:**

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DEPT OF NATURAL RESOURCES-OGM  
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Fax: 801-539-3940

E-mail: KEVINLUNDMARK@UTAH.GOV

Project ID: C2016-00708

<u>Sample #</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Facility</u>	<u>Sampling Point</u>	<u>Site Description</u>
2005036	06/15/16	07/05/16	N/A	N/A	002-CRANDALL

# Analytical Report

Facility: N/A Sampling Point: N/A Site Description: 002-CRANDALL	
Sample ID: 2005036 Text ID: TCH16-0017 Matrix: Water Bottle Type: Total Chemistry - 1 L unpreserved plastic SDWIS Type: Private Investigative	Date Collected 6/15/2016 10:18:00AM Collected By: SD COC Initiated: Yes Condition of Seal: Not Present

**Analysis Method - Sulfate**

Analyzed By: Boyd Neilson Analysis Date: 07/11/2016 Analysis Batch: EPA375.2-20160712-3 Instrument ID: CHM_LACHAT_02	Reviewed By: Boyd Neilson Reviewed Date: 07/14/2016 Prep Method: Prep Batch: Prep Date:
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Analyte	Result	Dil Fac	Qualifier	MDL	MRL	SDL
Sulfate	138 mg/L	1		4.338 mg/L	20 mg/L	4.34 mg/L

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

U - Qualifier, indicates the tested result was less than MDL and cannot be positively identified

J - Qualifier, indicates the tested result was positively identified but less than MRL