

UTAH STATE DEPARTMENT OF HEALTH
DIVISION OF LABORATORY SERVICES
Environmental Chemistry Analysis Report

RECEIVED

MAR 25 2016

DIV. OF OIL, GAS & MINING

DEPT OF NATURAL RESOURCES - OGM
STEVE CHRISTENSEN
1594 W NORTH TEMPLE - STE 1210
SALT LAKE CITY UT 84114-1210

801-538-5350

Lab Number: 201600805 Sample Type: 04 Cost Code: 901B
Description: PRE-002
Collector: SJD

Site ID:	Source No: 00	Organic Review:
Sample Date: 03/07/2016	Time: 10:00	Inorganic Review: 03/18/2016
		Radiochemistry Review:
		Microbiology Review:

TEST RESULTS:

T-Aluminum	<10 ug/l	T-Iron	1.51 mg/l
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QUALIFYING COMMENTS (*) on test results: NO COMMENTS

Trace levels up to 0.2 ppb metals may be present in bottles

END OF REPORT

UTAH STATE DEPARTMENT OF HEALTH
DIVISION OF LABORATORY SERVICES
Environmental Chemistry Analysis Report

DEPT OF NATURAL RESOURCES - OGM
STEVE CHRISTENSEN
1594 W NORTH TEMPLE - STE 1210
SALT LAKE CITY UT 84114-1210

801-538-5350

Lab Number: 201600806 Sample Type: 04 Cost Code: 901B
Description: 002
Collector: SJD

Site ID:	Source No: 00	Organic Review:	
Sample Date: 03/07/2016	Time: 09:55	Inorganic Review:	03/18/2016
		Radiochemistry Review:	
		Microbiology Review:	

TEST RESULTS:

T-Aluminum 139.23 ug/l T-Iron 0.0705 mg/l

QUALIFYING COMMENTS (*) on test results: NO COMMENTS

Trace levels up to 0.2 ppb metals may be present in bottles

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STEVE CHRISTENSEN
1594 W NORTH TEMPLE - STE 1210
SALT LAKE CITY UT 84114-1210

801-538-5350

Lab Number: 201600807 Sample Type: 04 Cost Code: 901B
Description: PRE-002
Collector: SJD

Site ID:	Source No: 00	Organic Review:
Sample Date: 03/07/2016	Time: 10:00	Inorganic Review: 03/11/2016
		Radiochemistry Review:
		Microbiology Review:

TEST RESULTS:

Sulfate 135.0 mg/l

QUALIFYING COMMENTS (*) on test results: NO COMMENTS

Trace levels up to 0.2 ppb metals may be present in bottles

END OF REPORT

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DEPT OF NATURAL RESOURCES - OGM
STEVE CHRISTENSEN
1594 W NORTH TEMPLE - STE 1210
SALT LAKE CITY UT 84114-1210

801-538-5350

Lab Number: 201600808 Sample Type: 04 Cost Code: 901B
Description: 002
Collector: SJD

Site ID:	Source No: 00	Organic Review:	
Sample Date: 03/07/2016	Time: 09:55	Inorganic Review:	03/11/2016
		Radiochemistry Review:	
		Microbiology Review:	

TEST RESULTS:

Sulfate 140.0 mg/l

QUALIFYING COMMENTS (*) on test results: NO COMMENTS

Trace levels up to 0.2 ppb metals may be present in bottles

END OF REPORT



Utah Public Health Laboratory

Chemical and Environmental Services

4431 S 2700 W Taylorsville, UT 84129-8600

801 965 2400 Fax 801 969 3238

http://health.utah.gov/lab/chemistry

CHAIN OF CUSTODY

RECEIVED

MAR 25 2016

- Hand Delivered
- Shipped Samples
- Cooler Returned

System/Agency Name: 174 System/Agency Number: 9019 Cost/Project Code: 9019

REPORTING/CONTACT: Division of Oil, Gas & Mining UTIL 777 BILLING (list if different)

City, State, Zip: _____ Address: _____ City, State, Zip: _____
 Phone: _____ Fax: _____ City, State, Zip: _____
 Email: _____ Phone: _____
 Submitted by: _____ Fax: _____

COLLECTION POINT DESCRIPTION	Collectors Initials	Collection Date (mm/dd/yy)	Collection Time (24 hr)	COMMENTS	REQUESTED TESTS	Receipt temperature	Receipt pH	Sample Receipt Conditions
<u>Seneca 11 (Crandall)</u>	<u>AD</u>	<u>03/07/16</u>	<u>10:00</u>	<u>TU X1</u>	<u>T-Iron</u>	<u>3.5</u>	<u>22</u>	Yes <input checked="" type="checkbox"/> Documentation complete No <input type="checkbox"/> Proper containers and in-date <input type="checkbox"/> Containers intact <input type="checkbox"/> Within holding time <input type="checkbox"/> Coolant <input type="checkbox"/> Temperature within-range <input type="checkbox"/> Acceptable pH <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Custody Seals Intact
<u>General Crandall</u>	<u>AD</u>	<u>03/07/16</u>	<u>9:55</u>	<u>TU X1</u>	<u>X</u>	<u>3.5</u>	<u>22</u>	Yes <input type="checkbox"/> Documentation complete No <input type="checkbox"/> Proper containers and in-date <input type="checkbox"/> Containers intact <input type="checkbox"/> Within holding time <input type="checkbox"/> Coolant <input type="checkbox"/> Temperature within-range <input type="checkbox"/> Acceptable pH <input type="checkbox"/> N/A <input type="checkbox"/> Custody Seals Intact
<u>Lee 002</u>	<u>AD</u>	<u>03/07/16</u>	<u>10:00</u>	<u>TU X1</u>	<u>X</u>	<u>3.7</u>	<u>N/A</u>	Yes <input type="checkbox"/> Documentation complete No <input type="checkbox"/> Proper containers and in-date <input type="checkbox"/> Containers intact <input type="checkbox"/> Within holding time <input type="checkbox"/> Coolant <input type="checkbox"/> Temperature within-range <input type="checkbox"/> Acceptable pH <input type="checkbox"/> N/A <input type="checkbox"/> Custody Seals Intact
<u>Crandall</u>	<u>AD</u>	<u>03/07/16</u>	<u>9:55</u>	<u>TU X1</u>	<u>X</u>	<u>3.4</u>	<u>↓</u>	Yes <input type="checkbox"/> Documentation complete No <input type="checkbox"/> Proper containers and in-date <input type="checkbox"/> Containers intact <input type="checkbox"/> Within holding time <input type="checkbox"/> Coolant <input type="checkbox"/> Temperature within-range <input type="checkbox"/> Acceptable pH <input type="checkbox"/> N/A <input type="checkbox"/> Custody Seals Intact

Dispatched By: [Signature] Date and Time: 3/7/2016 Courier Company Name: _____ Invoice/Airbill #: _____

Relinquished By: [Signature] Date and Time: 3-8-2016 4:10 pm Received By: [Signature]

Retransmitted to: [Signature] Date and Time: 3-10-2016 9:47 Received at OSL: [Signature]

No seals present