



OGMCOAL DNR <ogmcoal@utah.gov>

Crandall DOGM Samples- February 2015

Steve Christensen <stevechristensen@utah.gov>

Thu, Mar 19, 2015 at 5:27 PM

To: "Odendahl, Karin" <kodendahl@coalsource.com>

Cc: OGMCOAL DNR <ogmcoal@utah.gov>, Amanda Daniels <amandadaniels@utah.gov>

Hi Karin,

Attached are the latest DOGM samples for the Crandall Canyon Discharge.

Have a great weekend!

steve

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Steve Christensen

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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: 201500949 Sample Type: 04 Cost Code: 901B
Description: 002 (ACID)
Collector: SD

Site ID:	Source No: 00	Organic Review:
Sample Date: 02/23/2015	Time: 13:34	Inorganic Review: 03/04/2015
		Radiochemistry Review:
		Microbiology Review:

TEST RESULTS:

T-Iron 0.316 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 STATE DEPARTMENT OF HEALTH
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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: 201500950 Sample Type: 04 Cost Code: 901B
Description: PRE-002 (ACID)
Collector: SD

Site ID:	Source No: 00	Organic Review:
Sample Date: 02/23/2015	Time: 13:38	Inorganic Review: 03/04/2015
		Radiochemistry Review:
		Microbiology Review:

TEST RESULTS:

T-Iron 1.55 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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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: 201500951 Sample Type: 04 Cost Code: 901B
Description: 002
Collector: SD

Site ID:	Source No: 00	Organic Review:
Sample Date: 02/23/2015	Time: 13:33	Inorganic Review: 03/04/2015
		Radiochemistry Review:
		Microbiology Review:

TEST RESULTS:

Sulfate 136.0 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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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: 201500952 Sample Type: 04 Cost Code: 901B
Description: PRE-002
Collector: SD

Site ID:	Source No: 00	Organic Review:
Sample Date: 02/23/2015	Time: 13:36	Inorganic Review: 03/04/2015
		Radiochemistry Review:
		Microbiology Review:

TEST RESULTS:

Sulfate 139.0 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