

0015

**From:** "Ware, Dennis (WC) 4737" <dware@foundationcoal.com>  
**To:** "Jeffrey Studenka" <jstudenka@utah.gov>  
**Date:** 4/19/2007 12:11 PM  
**Subject:** Crandall Canyon Shaft # 2 Water Analysis  
**Attachments:** Crandall Water Analysis April 16 07 Sample.pdf

**CC:** "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>, "Wayne Hedberg" <way...  
 Jeff,

*Signature*  
 4/19/07/0035 OK

I have attached the results of a water sample taken on April 16th from the Crandall Canyon # 2 Shaft. Below I have provided the pertinent results from the March 28 and the April 16 samples for comparison. Since the samples are virtually identical, I plan to limit the water discharge to 200,000 gallons the first day and after the results are back from the first day's water sample I may adjust this daily volume up or down to safely stay under the 1 ton per day limitation on TDS. Pumping will start either late this afternoon or tomorrow morning.

Regards,

Dennis

Parameter	March 28	April 16
pH	7.52	7.42
Iron Dissolved	<.03	<.03
Iron Total	.19	.09
TDS	1014	1013
TSS	15	6



April 19, 2007

PLATEAU MINING  
 P.O. BOX 30  
 HELPER UTAH 84526  
 DENNIS WARE

Sample identification by  
 Willow Creek

ID: Crandall Canyon #2 Shaft

Kind of sample Water  
 reported to us

RECEIVED 1420  
 SAMPLED 1240  
 HNO3 PRESERVED @ LAB  
 DIS-METALS  
 FILTERED @ LAB

Sample taken at

Sample taken by Dennis Ware

Date sampled April 16, 2007

Date received April 16, 2007

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Analysis report no. 59-29905

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time	Analyst
Iron, Total	0.09	0.050	mg/l	EPA 200.7	04-17-2007 1345	DI
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	04-17-2007 1124	DI
Oil & Grease	<2	2	mg/l	EPA 413.1	04-18-2007 1000	BM
pH	7.42	----	pH units	EPA 150.1	04-16-2007 1432	GF
pH Sample Temp.	19.3	----	Deg C	EPA 150.1	04-16-2007 1432	GF
Solids, Total Dissolved	1013	30	mg/l	EPA 160.1	04-16-2007 1430	CA
Solids, Total Suspended	6	5	mg/l	EPA 160.2	04-16-2007 1430	CA

Respectfully submitted,  
 SGS NORTH AMERICA INC.

Huntington Laboratory