

OGMCOAL - Re: Gordon Creek 2/7/8 4th Quarter Water Monitoring

From: Kevin Lundmark
To: Chris Hansen
Date: 3/31/2011 4:20 PM
Subject: Re: Gordon Creek 2/7/8 4th Quarter Water Monitoring
CC: OGMCOAL; Pete Hess

Chris:
 Thank you for the notification that the data upload is complete. I've included an official upload report below.
 Kevin

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 Oil, Gas and Mining
 03/31/2011
 OFFICIAL UPLOAD REPORT
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OWNER: MOUNTAIN COAL CO.
 MINE: GORDON CREEK 2 7 & 8
 SITE TYPE: Stream
 SITE: 2-2-W

Laboratory: SGS 1005011-001 Period:POST
 Sample Date: 10/29/2010 Time: Reported: 11/11/2010 Received: 10/29/2010

1-Field Water Temperature	13.900000	Deg. C	Method: NONE
2-pH (fld)	7.800000	pH units	Method: NONE
3-Dissolved Oxygen (field)	7.000000	mg/l	Method: NONE
4-Sp. Conductivity (fld)	587.000000	umhos/cm	Method: NONE
11-Flow	37.000000	GPM	Method: ALL OTHE
16-Total Suspended Solids	11.000000	mg/l	Method: SM2540-D
19-Oil/Grease	< 5.000000	mg/l	Method: EPA 1664
36-Dissolved Calcium	85.000000	mg/l	Method: EPA 200.
42-Dissolved Magnesium	33.000000	mg/l	Method: EPA 200.
45-Dissolved Potassium	2.300000	mg/l	Method: EPA 200.
48-Dissolved Sodium	5.400000	mg/l	Method: EPA 200.
50-Bicarbonate as HCO3	334.000000	mg/l	Method: EPA 310.
51-Acidity as CaCO3	< 5.000000	mg/l	Method: D1067
52-Carbonate as CO3	< 5.000000	mg/l	Method: SM2320-B
53-Chloride	8.000000	mg/l	Method: EPA 300.
60-Sulfate	67.000000	mg/l	Method: EPA 300.
62-Total Alkalinity as CaCO3	274.000000	mg/l	Method: SM2320-B
63-Total Hardness as CaCO3	347.000000	mg/l	Method: SM2340-B
68-Total Dissolved Solids @ 180 C	381.000000	mg/l	Method: SM2540-C
135-Cation/Anion Balance	1.090000	PC DIFF	Method: SM1030E
145-Total Iron	< .050000	mg/l	Method: EPA 200.
149-Total Manganese	.006000	mg/l	Method: EPA 200.

SITE: 2-7-W

NO FLOW Date: 10/29/2010 Time: 10:33
 Comments: Snow covered and no flow obvious

SITE: 2-8-W

NO FLOW Date: 10/29/2010 Time: 10:36
 Comments: Slightly damp

SITE: 2-9-W

NO FLOW Date: 10/29/2010 Time: 10:20
 Comments: Snow covered and no flow obvious

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>>> "Hansen, Chris" <CHansen@archcoal.com> 3/31/2011 12:15 PM >>>
Kevin and Pete:

I have successfully completed the upload of the Gordon Creek 2/7/8 Mines 4th Quarter 2010 water monitoring results to the EDI. If you have any questions, please give me a call.

Thanks,
Chris

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