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Jeffrey
1/25/2008
JK

From: Paul Birdsey
To: Dana Dean; Dave Shaver; dharber@fs.fed.us; James_Kohler@blm.gov; Jef...
Date: 1/25/2008 2:15 PM
Subject: RE: Crandall mine water discharge analysis

I appreciate the effort of everyone to keep an eye on what is happening at Crandall Creek. I hope that when the weather moderates a bit (assuming that the samples still exceed the UPDES permit) that we can arrange to get additional samples downstream from the mine to see if there is any attenuation or additions to the parameters of concern.

Thanks,

Paul

Paul Birdsey
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"As you sit on the hillside, or lie prone under the trees of the forest, or sprawl wet-legged by a mountain stream, the great door, that does not look like a door, opens." ~ Stephen Graham, The Gentle Art of Tramping

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>>> Jeffrey Studenka 1/25/2008 1:02 pm >>>

Thanks Dave. It looks like this sample has exceeded the UPDES Permit limit for both TDS and Total Iron, as well as exceeding Water Quality Standards for Zinc and Nickel. Hopefully we will see a decreasing trend in these parameters over the coming weeks. When you have a moment, please provide any background concentrations for Zinc and Nickel from previous mine water samples (002 or in the mine itself) for comparison purposes. Thanks again.

Jeff Studenka

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>>> "Shaver, Dave" <dshaver@coalsource.com> 1/25/2008 11:31 AM >>>
Sorry, I forgot to attach the attachment. I'll try again

From: Shaver, Dave
Sent: Friday, January 25, 2008 11:11 AM
To: 'Jeffrey Studenka'; 'James_Kohler@blm.gov'; 'dharber@fs.fed.us'; 'Pam Grubaugh-Littig'; 'Karl Houskeeper'; 'Dana Dean'; 'steve_rigby@blm.gov'; 'Paul Birdsey'; 'Karla Knoop'
Subject: Crandall mine water discharge analysis

To all....Attached is the lab analysis of the Crandall Canyon Mine discharge water. The sample was taken on Monday, Jan. 21. All water is now being discharged through the pipe. There is no water running overland into the pond, the pond is no longer overflowing the primary spillway, and the water level in the pond has dropped about 2' from its previous high (overflow) level. We will take another sample on Monday, Jan. 28 from the pipe and should have the analysis results back to you by next Friday. We will also begin sampling the water retained in the sed pond soon, and if the analyses show the water quality to be within permit limits we will initiate plans for decanting the pond. Please let me know if there are other parameters you would like to see included in the analysis, since we dropped a couple of "non-detects" from the previous list to help ensure having the lab results out by the end of the week (today). Unless we hear otherwise we will continue with these parameters for next week's run. Also, is there anyone else who should be on the contact list? Thanks

Dave Shaver