



OGMCOAL DNR <ogmcoal@utah.gov>

Crandall Canyon Mine: Water Sampling

1 message

Steve Christensen <stevechristensen@utah.gov>

Tue, Jan 29, 2013 at 8:04 AM

To: Paul Krauth <pkrauth@utah.gov>

Cc: Mike Herkimer <mherkimer@utah.gov>, Daron Haddock <daronhaddock@utah.gov>, OGMCOAL DNR <ogmcoal@utah.gov>, Dana Dean <danadean@utah.gov>

Hi Paul,

I e-mailed you about two weeks ago, but I didn't hear back from you. I wanted to write you again and see what the possibility is of getting your expertise/feed back on our Crandall Canyon mine-water discharge situation. Are you available anytime in the not so distant future? Please feel free to call me (801) 538-5350 or shoot me an e-mail. I'd really appreciate it.

Thanks,
Steve

----- Forwarded message -----

From: Steve Christensen <stevechristensen@utah.gov>

Date: Thu, Jan 17, 2013 at 8:54 AM

Subject: Crandall Canyon Mine: Water Sampling

To: Paul Krauth <pkrauth@utah.gov>

Cc: Mike Herkimer <mherkimer@utah.gov>

Good morning Paul,

Mike Herkimer suggested that I e-mail you regarding a sampling issue that we at the Division of Oil, Gas and Mining (DOGM) have been wrestling with at the Crandall Canyon Mine. Following the mine-collapse, the mine filled with water and began to gravity discharge. Long story short, the mine waters total iron concentrations do not meet UPDES standards and requires treatment prior to discharging into Crandall Creek.

The company has been successfully operating a treatment system and have maintained compliant discharge concentrations for several years now. In order to evaluate changes in the mine-water chemistry, we require pre-treatment sampling of the mine-water. Recently an issue has come up with the pre-treatment sampling method. They've installed a new sample port that we at DOGM suspect may not provide a representative sample, which is why I'm contacting you.

We could very much use your expertise in waste-water/industrial influent sampling methods. Mike has indicated that you are extremely busy, but my hope is that I could take you to the site and get your input as to an acceptable sampling protocol/method. Unfortunately,

such a field visit would essentially chew up an entire day (5 hours driving round trip, 2 hours at the site).

I'll wrap this up as this e-mail is getting rather lengthy. In summation, I'd very much appreciate the opportunity to show you the site and hear your suggestions/thoughts on proper sampling. Crandall Creek is a pristine trout fishery as well as a tributary to a culinary water source (Huntington Creek) for several towns located at the base of the Wasatch Plateau. In addition, the high-profile/sensitive component of the Crandall Canyon Mine disaster has obviously added another dimension to this site. We want to make sure that we're managing this iron issue appropriately and could use your help.

Give me a call or shoot me an e-mail and we can discuss this further if you'd like.

Regards,
Steve Christensen
Permit Supervisor- DOGM
[\(801\) 538-5350](tel:(801)538-5350)