



OGMCOAL DNR <ogmcoal@utah.gov>

Re: Crandall Canyon Mine Water Discharge

Steve Christensen <stevechristensen@utah.gov>

Mon, Apr 8, 2019 at 10:11 AM

To: "Jensen, PJ" <pjensen@coalsource.com>

Cc: "Madsen, Karin" <kmadsen@coalsource.com>, "Efaw, Matt" <mefaw@coalsource.com>, OGMCOAL DNR <ogmcoal@utah.gov>, Dana Dean <danadean@utah.gov>

Good morning PJ,

Thank you for the update. I appreciate that and I also greatly appreciate your hard work on this project. It sounds like you have things very well in hand. If there is anything I can do to help, please don't hesitate to call me.

Thanks again,
Steve

On Fri, Apr 5, 2019 at 11:09 AM Jensen, PJ <pjensen@coalsource.com> wrote:

Hi Steve,

I just wanted to give you an update on the plan to move our mine water discharge outfall location from Crandall Creek to Huntington Creek.

I have been working with Jeff Salow with the Forest Service so we can obtain a permit to place the pipeline within the right-of-way for the Crandall Canyon Road. Jeff has been great to work with and that process is going well. He said that if we can keep the project below five (5) acres, the process would be much easier. The less than five acre number is our goal.

The biggest problem we have right now is the lack of good data regarding the Crandall Canyon Road itself. We do not currently have, nor could we find, any good information regarding the alignment and contours of the roadway. We were able to do a preliminary survey before the snow started last fall, but it is not accurate enough for the complete design and construction drawings we need for the permit. Unfortunately, the majority of what we have left to do hinges on good data for the roadway. I did ask Jeff Salow to see if his people had any drawings, as it is a Forest Service Road, but he indicated that they did not have the drawings. I did find some drawings from 1981 (incorporated into the permit on May 24, 1991) that show the alignment and contours of the road from what I believe to be the original construction drawings. However, when I laid out the road using the data from these drawings, the alignment does not match what is currently on the ground per our preliminary survey. This also means that the contours on the original drawings do not align with our current conditions. Thus, we need to have an as-built survey done of the existing road and, due to the winter snow, we have not been able to get a good survey of the road and surrounding terrain as yet.

We do have a survey team scheduled for April 18 to survey the road and terrain, weather permitting. Karin and I visited the area on Monday, April 1, to review potential locations for the outfall location, and some deep snow is still on the ground, but we are hopeful that enough snow

will have melted by then for a good survey. This new survey information should allow us to accurately define the right-of-way for the Forest Service and determine the location of the outfall at Crandall Creek. Then, we will be able to complete the Forest Service Right-of-Way Permit application, and the application to revise our UPDES permit to move the discharge location to Huntington Creek. If all goes well, we should be able to submit those applications at the end of this month, or the very early part of next month. We are also looking to see who would be willing to take over the maintenance of the pipeline once final reclamation is complete.

Please let me know if you have any questions.

Thanks and have a great day!!

PJ Jensen

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