



OGMCOAL DNR <ogmcoal@utah.gov>

Winter Quarters stream/Skyline mine Stream Alteration Permit requirement

2 messages

Priscilla Burton <priscillaburton@utah.gov>

Thu, Apr 30, 2020 at 2:37 PM

To: Daren Rasmussen <darenrasmussen@utah.gov>

Cc: OGMCOAL DNR <ogmcoal@utah.gov>, Steve Christensen <stevechristensen@utah.gov>

Daron Rasmussen
Utah Division of Water Rights

Hello Daron,

Thank you for returning my call so quickly. I understand from our phone conversation that a joint stream alteration permit (USACE and DWRi) is required if there is any work within the Ordinary High Water Mark (OHWM). A stream alteration permit is also required if it involves work that occurs on the bank above the OHWM, within the 2X bankfull width (up to a maximum of 30 ft), but in this case it is processed only by DWRi.

The attached image shows the UPDES outfall 004 at then end of the 12 inch corrugated pipe. The UPDES permit allows both mine water and storm water discharge at this outfall, with limits of 1 mg/L iron, 1,200 mg/L TDS (and Oil & Grease). The design of the riprap structure restricts the outfall to 1.09 cfs (489 gpm) discharge, to achieve a non erosive, 5 f/s velocity. The mine will begin discharge of 489 gpm within a day or two. This will give them temporary relief. However, they need to remove water more quickly and want to increase the discharge to 1,000 gpm from seals. We have not received an amendment to their operation plan yet, but we understand that they may construct a cement drop box with a 9 x 10 ft riprap outlet or construct a larger riprap outlet without the drop box. In either case, the design would drop the velocity to 3 fps and end the riprap at the ordinary high water mark.

I do not have dimensions of the stream bankfull width. However from the photograph, it appears to me that the work will take place within twice the bankfull width.

As you stated during our phone conversation, if I do not receive a response from this email, I should assume that a stream alteration permit is required.

Thank you for your help with this proposed permitting action.

Priscilla Burton, MS, CPSSc
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04302020 Winter Quarters mtg PhotowithPipeRoute.jpg
7997K



Daren Rasmussen <darenrasmussen@utah.gov>

Thu, Apr 30, 2020 at 3:08 PM

To: Priscilla Burton <priscillaburton@utah.gov>

Cc: OGMCOAL DNR <ogmcoal@utah.gov>, Steve Christensen <stevechristensen@utah.gov>, DNR Wrt General Correspondence <wrt.general@gmail.com>, Daren Rasmussen <darenrasmussen@utah.gov>

I have looked at the photo and have determined that a Stream Alteration Application would need to be submitted and processed as a state only permit.

-Daren Rasmussen, State Engineer's Office, State of Utah Dam Safety & Stream Alterations

Division of Water Rights - Department of Natural Resources

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If message is encrypted, you can contact me for any further clarification.

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