



OGMCOAL DNR <ogmcoal@utah.gov>

South Fork of Quitchupah Monitoring

Vicky Miller <vmiller@bowieresources.com>

Mon, Nov 17, 2014 at 8:58 AM

To: "Steve Christensen (stevechristensen@utah.gov)" <stevechristensen@utah.gov>, "Amanda Daniels (amandadaniels@utah.gov)" <amandadaniels@utah.gov>, "Hamilton, Rob -FS (rhamilton@fs.fed.us)" <rhamilton@fs.fed.us>, "OGMCOAL OGMCOAL (OGMCOAL@utah.gov)" <OGMCOAL@utah.gov>
Cc: Wyatt Shakespear <WShakespear@bowieresources.com>, John Byars <jbyars@bowieresources.com>, Vicky Miller <vmiller@bowieresources.com>

The South Fork of Quitchupah creek was monitored on November 5, 7, 11 and 12th. The channel (4944) above the road continued to be dry during this period of monitoring, except immediately adjacent to springs along the channel. The springs along South Fork continued to flow at expected rates. On the 5th there was approximately 2 inches of snow accumulation at the beginning of the day, but most of it had melted within a few hours.

Flow of 20 +/- gpm was observed in the channel about 200 meters above monitoring point 006D (4879). Additional beaver activity (4876, 4877) was observed in the area above and below 006D, the ponding water behind the beaver dams was frozen, with ice thick enough to walk on.

No new cracks were found during this two week period and ponds being monitored (per mitigation plan) were dry (4892, 4893).

Map showing location of mining on 11/16/14 is attached.

Please call or e-mail with questions. Thanks, Vicky

From: Vicky Miller

Sent: Monday, November 3, 2014 10:16 PM

To: 'Steve Christensen (stevechristensen@utah.gov<mailto:stevechristensen@utah.gov>); 'Amanda Daniels (amandadaniels@utah.gov<mailto:amandadaniels@utah.gov>); 'OGMCOAL OGMCOAL (OGMCOAL@utah.gov<mailto:OGMCOAL@utah.gov>); 'Hamilton, Rob -FS (rhamilton@fs.fed.us<mailto:rhamilton@fs.fed.us>)'

Cc: John Byars; Wyatt Shakespear; Vicky Miller

Subject: South Fork of Quitchupah Monitoring

Attached is a map showing the location of mining on November 2, 2014.

The South Fork was monitored on October 20, 23, 27 and 31st.

On the dates listed above the channel became dry approximately 100 meters above where the culvert crosses the road to just below monitoring location 006C (4742, 4812). The flow was estimated to be 5 to 8 gpm at the location below 006C and the channel continued to gain flow until it joined with the flow for the Wedge and Amanda Springs. The springs along the South Fork were all flowing during the two week monitoring period (4714, 4719, 4806).

No new cracks were located during this monitoring period and no notable precipitation has fallen in the last four weeks.

Slow moving water above monitoring location 006 was observed to be covered with ice, during the monitoring on the 27th and 31st (4795). The ponds were dry and no livestock was observed in the area.

7 attachments



IMGP4944.JPG
1868K



IMGP4876.JPG
1937K



IMGP4877.JPG
1897K



IMGP4879.JPG
1923K



IMGP4892.JPG
1858K



IMGP4893.JPG
1852K

 **Mine Map Nov 16 2014.PDF**
39K