



OGMCOAL DNR <ogmcoal@utah.gov>

South Fork of Quitchupah Monitoring

1 message

Vicky Miller <vmiller@bowieresources.com>

Tue, Dec 2, 2014 at 8:16 AM

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

Cc: John Byars <jbyars@bowieresources.com>, Wyatt Shakespear <WShakespear@bowieresources.com>, Vicky Miller <vmiller@bowieresources.com>

During the Nov. 17th visit to the South Fork of Quitchupah several inches of snow were observed to have covered the stream channel. The ponds were dry and there was no water flowing above the road culvert to monitoring point 006C. The springs upstream of the road culvert were running at the rate observed earlier in November (4976). Water was observed to be flowing below monitoring point 006C (4965). The observations of the stream were similar during the Nov. 20th visit and no new cracks were observed crossing the stream channel (4995).

Although an attempt was made to reach South Fork on Nov. 24, the snow drifts across the road prevented access. The snow storm on the 23rd dropped 3 – 4 inches at the mine site, we estimate snow fall in the mountains was double. On Nov. 26, there was roughly 8" of snow at the South Fork road culvert however the snow in the canyon appeared deeper (5012). No water was visible in the channel due to the snow (5018). Some new rock falls were noted during this visit. The ponds were still dry (5037).

A drawing is attached showing the location of mining.

Please contact us with questions. Thanks, Vicky

From: Vicky Miller

Sent: Monday, November 17, 2014 8:57 AM

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

Cc: Wyatt Shakespear; John Byars; Vicky Miller

Subject: South Fork of Quitchupah Monitoring

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



IMGP4965.JPG
1878K



IMGP4976.JPG
1836K



IMGP5012.JPG
1905K



IMGP5018.JPG
1734K



IMGP5037.JPG
1784K



IMGP4995.JPG
1818K

 **Mine Map Nov 30 2014.pdf**
106K