



OGMCOAL DNR <ogmcoal@utah.gov>

Monitoring Report South Fork of Quitchupah Creek

1 message

Vicky Miller <vmiller@bowieresources.com>

Mon, Oct 20, 2014 at 2:00 PM

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

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

The South Fork of Quitchupah Creek was observed on October 7, 10, 13, 15 and 16th. Flow was measured at Sufco 006 at 20 gpm on the 7th (4564), 4 gpm on the 10th (4598) with no flow the 13 (4646), 15, and 16th. (4691). On October 1, the Forest Service diverted the flow from the upper most South Fork/ Skumtupah diversion to the SKutumpah Reservoir drainage, which cut off the flow to South Fork except for the few springs along the channel below the diversion.

Several cracks (0.5" wide) were discovered (7th & 10th) in the channel and repaired, they were just above monitoring location 006C which is where cracks were discovered and filled earlier this year. The flow was restored and water was observed to be flowing at a similar rate at monitoring locations downstream. The springs above the road (4587) were flowing during the inspections this period and were the springs below the road (Wedge, Amanda, etc.).

On the 13th water was visible at the upper most springs (006A, Roberts, etc.) and at Wedge and Amanda Spring, however the channel was dry or puddled between the sets of springs. On the 15th there was still no flow in the channel from Spring 006A until approximately 100 meters above monitoring location 006C, where 10 gpm was flowing into the channel beneath a rock outcrop (4666), the water was still flowing at 10gpm on the 16th.

North Duncan and North Duncan Flat ponds were full on the 7th and had a little water still in them on the 13th. The beaver ponds (4662) near monitoring point 006D still held water on the 15th.

A drawing showing the location of mining is attached. Please let me know if you need additional information or if we can answer any questions. Thanks, Vicky

From: Vicky Miller

Sent: Monday, October 6, 2014 10:48 AM

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

Cc: 'OGMCOAL OGMCOAL (OGMCOAL@utah.gov)'; John Byars; Wyatt Shakespear

Subject: Monitoring Report South Fork of Quitchupah Creek

The South Fork of Quitchupah Creek was observed on Sept. 22, 24, 30 and October 3. The mine site recorded 1.6 inches of rain during the two week period. Following the rainstorms during this period the creek was inundated with sediment and the creek overflowed its banks (photos 4463, 4508). The temperatures dropped to freezing (4319) starting the week of the 22nd. On the 24th the ponds were dry and flow in the creek was estimated at 70 gpm, on the 30th flow was estimated at 90 gpm, on Oct. 3 all ponds had water in them. The use of the creek by cattle was heavy until Oct 3rd.

No new subsidence cracks were located and the flow was observed to be similar from Spring 006 to Stream Monitoring Location 006D (4305) during the two week period. Monitoring location 006D was enveloped in a pond

with three beaver dams in succession below it , see photos 4483 and 4487. The springs were checked and all were running (4323).

Attached is a drawing showing the location of mining on October 5, 2014. Please let me know if there are questions or you need additional information. Thanks, Vicky

8 attachments

IMGP4691.JPG
1820K



IMGP4662.JPG
1903K



IMGP4666.JPG
1927K



IMGP4646.JPG
1891K



IMGP4598.JPG
1762K



IMGP4564.JPG
1833K



IMGP4587.JPG
1937K

 **Mining Oct 19 2014.PDF**
36K