OGMCOAL DNR <ogmcoal@utah.gov>

FW: South Fork of Quitchupah Creek Monitoring

2 messages

Vicky Miller <vmiller@bowieresources.com> Thu, Sep 24, 2015 at 1:15 PM
To: Steve Christensen <stevechristensen@utah.gov>, Amanda Daniels <amandadaniels@utah.gov>, "Hamilton, Rob -FS (rhamilton@fs.fed.us)" <rhamilton@fs.fed.us>
Cc: "OGMCOAL@utah.gov" <OGMCOAL@utah.gov>, Jacob Smith <jsmith@bowieresources.com>, Wyatt Shakespear <WShakespear@bowieresources.onmicrosoft.com>, Vicky Miller <vmiller@bowieresources.com>

We monitored the South Fork of Quitchupah on September 8, 10, 11, 15th and 17th . The flow at the culvert where it crosses beneath the road ranged from 130 to 93 gpm. We continue to do maintenance and repair work in the canyon rubble area, there appeared to have been some heaving with additional rock falls in the area during the week of September 7th. The flow below the repaired rubble area is approximately 30 gpm, which is an improvement from two weeks ago. We anticipate a consistent gain in flow as the maintenance and repairs continue.

However, it is expected that the flow to Quitchupah creek will be diverted into the Skutumpah drainage in early October, where it will remain until Spring. When this is completed the majority of the South Fork channel will be dry except adjacent to the flowing springs. The act of diverting the water to a small reservoir is done annually in October.

The springs along the drainage continue to flow at a consistent rate. The ponds being monitored continue to be dry. The creek area is being heavily used by livestock. A drawing showing the location of mining is attached.

Please contact me with questions or if you require additional information. Thanks, Vicky

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From: Vicky Miller
Sent: Tuesday, August 25, 2015 8:15 AM
To: Steve Christensen <stevechristensen@utah.gov>; 'Amanda Daniels' <amandadaniels@utah.gov>; 'Hamilton, Rob -FS (rhamilton@fs.fed.us)' <rhamilton@fs.fed.us>
Cc: 'OGMCOAL@utah.gov' <OGMCOAL@utah.gov>; Jacob Smith <jsmith@bowieresources.com>; John Byars <jbyars@bowieresources.com>; Wyatt Shakespear <WShakespear@BowieResources.onmicrosoft.com>; Vicky Miller <vmiller@bowieresources.com>
Subject: South Fork of Quitchupah Creek Monitoring

We monitored the creek on August 13, 14, 18 and 19, 2015. Flow at the culvert where it crosses the road was 65, 70, 90 and 80 gpm consecutively. Exploration drilling had been using a small amount of water

upstream from the measuring location on the 13th and 14th and the upper diversion flow was adjusted to direct more water from Skutumpah to South Fork, which likely accounts for the rise in flow on the 18th and 19th. The Diversion was adjusted back to the original flow on Aug. 21st.

8/13 and 14 – Flow in the springs above the road ranged from 1 gpm at 006 to 4.5 gpm at Robert's Spring. Vegetation is still vigorous with wildflowers blanketing the ground beneath the sagebrush. No livestock was observed during the monitoring but there was evidence of large animals bedding down in the meadow areas. Cracks repaired last year in the channel were checked, all were still in good repair. Water could be seen and heard flowing at the three photo locations (top of where the canyon becomes deep to confluence with North Fork). The ponds were dry.

8/18 and 19 – Springs above the culvert were flowing at the rate observed previously. The three ponds were empty. Water could be seen and heard flowing at the three photo locations (top of where the canyon becomes deep to confluence with North Fork). Cracks were reworked and repaired in the rubble area with native materials and bentonite, water is flowing at 20 gpm through the majority of the repaired area. The rubble area is monitored weekly and repairs will continue until available water is flowing through the entire 200 feet of surface previously dry. The water does flow the entire length of the South Fork of Quitchupah, it had previously dropped into the alluvium for approximately 200 feet of the channel and then reappeared in the channel and continued to flow to the confluence with the North Fork of Quitchupah.

A drawing showing the location of mining is attached. Please contact me with questions or if you require additional information. Thanks, Vicky

2 attachments

September 20 PresentationC.pptx
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Mine Map 9 20 15R.pdf
262K

Steve Christensen <stevechristensen@utah.gov> Mon, Sep 28, 2015 at 9:16 AM
To: Roberta Martinez Hernandez <rmartinezhernandez@osmre.gov>
Cc: OGMCOAL DNR <ogmcoal@utah.gov>

fyi-

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2 attachments

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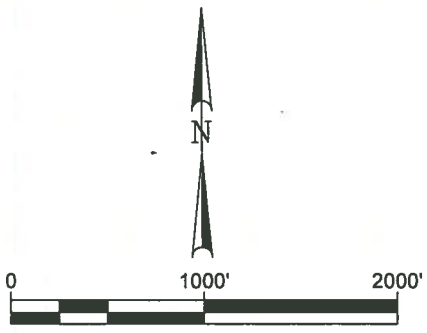

Canyon Fuel Company, LLC
SUFCO Mine
597 South SR 24 - Salina, UT 84654
(435) 286-4880 Phone
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WEST LEASE
LONGWALL MINING SECTIONS

SCALE: 1" = 1,000'	DATE: 3/30/2015	DRAWN BY: T.R.B.
ENGINEER:	CHECKED BY:	PROJ: ####
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