



OGMCOAL DNR <ogmcoal@utah.gov>

Fwd: Boulger Dam Reservoir – Mining-Induced Seismicity (MIS) Monitoring Plan Review

Steve Christensen <stevechristensen@utah.gov>

Thu, Mar 26, 2020 at 9:38 AM

To: OGMCOAL DNR <ogmcoal@utah.gov>, Priscilla Burton <priscillaburton@utah.gov>, Justin Eatchel <jeatchel@utah.gov>, Amanda Daniels <amandajdaniels@utah.gov>, Kendra Hinton <khinton@utah.gov>

fyi

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From: **David Marble** <davemarble@utah.gov>

Date: Wed, Mar 25, 2020 at 5:40 PM

Subject: Re: Boulger Dam Reservoir – Mining-Induced Seismicity (MIS) Monitoring Plan Review

To: Steve Christensen <stevechristensen@utah.gov>

Cc: Dixon, Bret <bretdixon@utah.gov>

Steve,

The letter attached to your email will suffice.

Thanks

dave

On Wed, Mar 25, 2020 at 2:01 PM Steve Christensen <stevechristensen@utah.gov> wrote:

Good afternoon,

We received this letter from the USDA Manti-LaSal National Forest regarding the seismic monitoring at Boulger Reservoir. As part of your approval, you'd asked for documentation from the Forest regarding the seismic monitoring plan. The letter was addressed to DOGM and not your office.

Will this letter suffice for your purposes? Or do you need a formal letter from the Forest sent directly to Dam Safety?

Regards,
Steve

p.s. Hope things are going o.k. in your neck of the woods.

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From: **Larsen, Sidney - FS** <sidney.larsen@usda.gov>

Date: Wed, Mar 25, 2020 at 10:50 AM

Subject: Boulger Dam Reservoir – Mining-Induced Seismicity (MIS) Monitoring Plan Review

To: stevechristensen@utah.gov <stevechristensen@utah.gov>, ggalecki@wolverinefuels.com <ggalecki@wolverinefuels.com>

Cc: Luke, Daniel T -FS <daniel.luke@usda.gov>, Olsen, Darren G -FS <darren.olsen@usda.gov>, Salow, Jeffrey - FS <jeffrey.salow@usda.gov>

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David K. Marble, P.E.
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File Code: 7520
Date: March 25, 2020

Steve Christensen, Coal Program Manager
Utah Division of Oil, Gas and Mining
1594 W North Temple, Suite 1210
Salt Lake City, Utah 84116
stevechristensen@utah.gov

Dear Steve,

We have received the following documents:

1. "Boulger Dam Reservoir - Mining-Induced Seismicity (MIS) Monitoring" memorandum, prepared by Canyon Fuel Company, LLC, dated May 7, 2019.
2. "Mining-Induced Seismicity, Skyline Flat Canyon Mining Lease, Boulger and Electric Lake Dams & Reservoirs, Sanpete and Emery County, Utah," prepared by RB&G, dated June 26, 2018.

We recommend you proceed with the approval of the Boulger Reservoir monitoring as proposed with the following comments:

1. Provide the Regional Dam Safety Engineer and the Forest Engineer a copy of all information sent to the Utah State Engineer's Office as required in their approval letter.
 - "Please keep the Utah State Engineer's office informed as to the progress of the mining within 1-mile of the Boulger Dam and Reservoir, the draining of the Boulger Reservoir and the follow up integrity assessment report with any repair recommendations. Prior to any repairs, submit proposed repair plans for review and approval to the State Engineer's office."
2. Since the Forest Service is the owner of the dam, we shall be included in the evaluation of the Dam after mining and any needed remedial actions.

Sincerely,



DARREN OLSEN
District Ranger

cc: Darren Olsen, Jeff Salow, Daniel Luke

