

April 26, 2019

Mill Iron Mining
801 8th Street
Greeley, CO 80631
C/o Derek Magnuson (Brierley Associates)
dmagnuson@brierleyassociates.com

RE: SLURRY WALL LINER APPROVAL
LOLOFF RESERVOIR (WDID 0303483)
LOLOFF GRAVEL PIT, DRMS M-1985-112 (WDID 0303012)
E ½ NW ¼ OF SECTION 4, T5N, R65W
WATER DIVISION 1, WATER DISTRICT 3, WELD COUNTY

Dear Mr. Magnuson:

The purpose of this letter is to approve the lining of Loloff Reservoir ("Reservoir"). The Reservoir is primarily located in the E ½ of the NW ¼ of Section 4, Township 5 North, Range 65 West of the 6th P.M., and is part of the Loloff Gravel Pit (DRMS M-1985-112). The Reservoir was lined with a soil bentonite slurry wall. The slurry wall liner leak test commenced on January 5, 2019 and concluded on April 4, 2019. A site inspection was performed by our office on March 29, 2019 to review site conditions and the leak test plan.

Your report dated April 8, 2019 provides the liner summary and leak test results. The test data provided indicates that **the reservoir has been lined to the design standard** referenced in the August 1999 State Engineer Guidelines for Lining Criteria for Gravel Pits (1999 SEO Guidelines). **Meeting the design standard requires that during reservoir operations all water inflows and outflows for the liner perimeter enclosed area be accounted for on a monthly basis.**

With this liner approval, Loloff Reservoir is now classified as a lined reservoir in accordance with the 1999 SEO Guidelines. Water shall not be impounded in the reservoir except pursuant to lawful diversions allowed by statute or decree. At all other times, all inflow of water into the reservoir from any source, including precipitation and ground water inflows shall be removed to prevent illegal storage of water. Prior to ANY use of this site, the owner or operator will need to coordinate with Mark Simpson, Water Commissioner District 3, to review operations, measurement structures, stage-storage curves, and accounting.

Please contact me at 303-866-3581 x8246 if you have any questions.

Sincerely,



Ioana Comaniciu, P.E.
Water Resource Engineer

Ec: March Simpson, Water Commissioner, District 3 (Mark.Simpson@state.co.us)
Louis Flink, Diversion Records Coordinator (Louis.flink@state.co.us)
Steven C. Kuehr, Brierley Associates (skuehr@brierleyassociates.com)
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WDID File (0303483 & 0303012)

