



STATE OF
COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

Mining Permit M1978-052 and M1977-153: Acceptance by DWR of Hazeltine Slurry Wall

Stitt, Ryan <Ryan.Stitt@denverwater.org>

Mon, Jan 23, 2017 at 2:25 PM

To: "jared.ebert@state.co.us" <jared.ebert@state.co.us>

Cc: "Piede, Brad" <Brad.Piede@denverwater.org>

Jared,

Attached are the liner approval for Hazeltine and the re-confirmation of the liners for Howe-Haller A and Howe-Haller B as we discussed on the phone. I am still working on a time to meet on site to determine what is left for having these permits closed.

Are there days/times during the week that are generally better for you?

Thanks,

Ryan Stitt

[303-628-6539](tel:303-628-6539)

2 attachments



Hazeltine Reservoir liner approval-signed.pdf

166K



Howe Halley re-liner approval.pdf

152K



COLORADO
Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 821
Denver, CO 80203

June 30, 2016

DEREK FOSTER
DEERE & AULT CONSULTANTS, INC.
600 S. AIRPORT ROAD, BUILDING A, SUITE 205
LONGMONT, CO 80503
TRANSMISSION VIA EMAIL: Derek.Foster@deereault.com

**RE: SLURRY WALL LINER APPROVAL
HAZELTINE RESERVOIR (WDID 0203382)
RECLAMATION PIT NO. 1, DRMS M-1977-153 (WDID 0203064)
ROAD RUNNERS REST II PIT, DRMS M1979-195 (WDID 0203065)
PORTIONS OF SECTIONS 3 AND 4, T2S, R67W
WATER DIVISION 1, WATER DISTRICT 2, ADAMS COUNTY**

Dear Mr. Foster:

The purpose of this letter is to approve the lining of the Hazeltine Reservoir ("Reservoir"). The Reservoir is primarily located in portions of the NW1/4, the NW1/4 of the NE1/4, and the NW1/4 of the SW1/4 of Section 3, and the E1/2 of the NE1/4, and the N1/2 of the SE1/4 of Section 4, all in Township 2 South, Range 67 West of the 6th P.M., and is part of the Reclamation Pit No. 1 gravel pit (DRMS M-1977-153) and the Road Runners Rest II gravel pit (DRMS M-1979-195). The Reservoir was lined with a soil bentonite slurry wall on the north, west and east sides and ties into the Howe-Haller Reservoir B (WDID 0203390) slope liner on the south side. The slurry wall leak test commenced March 18, 2016 and concluded on June 15, 2016. Site inspection was performed by our office on March 1, 2016 to review site conditions and discuss the leak test plan.

Your report dated June 24, 2016 provides the liner summary and leak test result. 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, Hazeltine 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 Brent Schantz, River Operations Coordinator, to review operations, measurement structures, stage-storage curves, and accounting.



Hazeltine Reservoir Liner Approval
June 30, 2016
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Please contact me at the number below if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Ioana Comaniciu", is positioned above a horizontal line.

Ioana Comaniciu, P.E.
Water Resource Engineer

cc: Brent Schantz, River Operations Coordinator (Brent.Schantz@state.co.us)
Louis Flink, Diversion Records Coordinator (Louis.flink@state.co.us)
WDID File (0203382, 0203064 & 0203066)