

STATE OF
COLORADO

Eschberger - DNR, Amy <amy.eschberger@state.co.us>

East Rigden Pit / Exposed Groundwater

Justin Fredrickson <jfredrickson@fcgov.com>

Tue, Mar 12, 2019 at 9:44 AM

To: "Eschberger - DNR, Amy" <amy.eschberger@state.co.us>

Amy,

Here is the Liner Approval letter for Rigden. Let me know if you need anything else. Thanks for sending over the inspection report.

Justin

From: Eschberger - DNR, Amy <amy.eschberger@state.co.us>**Sent:** Monday, March 11, 2019 2:38 PM**To:** Justin Fredrickson <jfredrickson@fcgov.com>

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 2015-05-20_Rigden Liner Test Approval from State.pdf
38K



COLORADO
Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 821
Denver, CO 80203

May 20, 2015

BRIAN A. SMITH, P.E., CFM
ANDERSON CONSULTING ENGINEERS, INC.
375 EAST HORSETOOTH ROAD, BLDG. 5
FORT COLLINS, CO 80525
TRANSMISSION VIA EMAIL: Brian.Smith@acewater.com

**RE: COMPACTED CLAY LINER APPROVAL
RIGDEN STORAGE RESERVOIR (WDID 0303326)
EAST RIGDEN PIT, DRMS M-1979-097 (WDID 0303021)
SECTION 28, T7N, R68W
WATER DIVISION 1, WATER DISTRICT 3**

Dear Mr. Smith:

The purpose of this letter is to approve the lining of the Rigden Storage Reservoir ("Reservoir"). The Reservoir is primarily located in the E1/2 of the SW1/4, the SE1/4 and the SW1/4 of the NE1/4 of Section 28, and the SW1/4 of the SW1/4 of Section 27, all in Township 7 North, Range 68 West of the 6th P.M., and is part of the East Rigden Gravel Pit (DRMS M-1979-097). This clay liner leak test commenced February 2, 2015 and concluded on May 7, 2015. Site inspection was performed by our office on March 26, 2015 to review site conditions and the leak test plan.

Your report dated May 12, 2015 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, the Rigden Storage 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, District 3 Water Commissioner, to review operations, measurement structures, stage-storage curves, and accounting.

Please contact me at the number below if you have any questions.

Sincerely,

Ioana Comaniciu, P.E.
Water Resource Engineer

ec: Mark Simpson, District 3 Water Commissioner (Mark.Simpson@state.co.us)
Louis Flink, Diversion Records Coordinator (Louis.flink@state.co.us)
WDID File (0303326 & 0303021)

