



COLORADO
Division of Water Resources
Department of Natural Resources

John W. Hickenlooper
Governor

Robert Randall
Executive Director

Dick Wolfe, P.E.
Director/State Engineer

June 23, 2017

HALL-IRWIN CORPORATION
301 CENTENNIAL DRIVE
MILLIKEN, CO 80543
C/O SEAN BAILEY (BRIERLEY ASSOCIATES)
sbailey@brierleyassociates.com

RE: **COMPACTED CLAY LINER APPROVAL**
SHORES LAKES POND E (AKA BESTWAY POND E) (WDID 0503900)
SHORES GRAVEL PIT, DRMS M-1998-013 (WDID 0505500)
NE1/4 of the NW1/4 of SECTION 1, T2N, R68W, 6th P.M.
WATER DIVISION 1, WATER DISTRICT 5, WELD COUNTY

Dear Mr. Bailey:

The purpose of this letter is to approve the lining of the Shores Lakes Pond E ("Pond E"). Pond E is primarily located in the NE1/4 of the NW1/4 of Section 1, Township 2 North, Range 68 West of the 6th P.M., and was mined under the Shores Gravel Pit (DRMS M-1998-013). The Reservoir was lined with a compacted clay liner. The compacted clay liner leak test commenced on February 11, 2017 and concluded on May 12, 2017. Site inspection was performed by our office on April 26, 2017 to review site conditions and the leak test plan.

Your report dated May 23, 2017 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, the Shores Lakes Pond E 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 Shera Sumerford, District 5 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: Shera Sumerford, District 5 Water Commissioner (Shera.Sumerford@state.co.us)
Louis Flink, Diversion Records Coordinator (Louis.Flink@state.co.us)
WDID File (0503900 & 0505500)

