



April 2, 2025

Robert Johanson, P. E.

GEI Consultants, Inc.

350 Indiana Street, Suite 750

Golden, Co 80401

Transmission via Email: RJohanson@geiconsultants.com

RE: SLURRY WALL LINER APPROVAL

POUDRE PONDS POND B (WDID 0303791)

GREELEY 25TH AVENUE GRAVEL PIT, DRMS M-2002-020 (WDID 0303040)

W1/2 OF SECTION 36, T6N, R66W

WATER DIVISION 1, WATER DISTRICT 3, WELD COUNTY

Dear Robert Johanson,

The purpose of this letter is to approve the lining of the Poudre Ponds Pond B ("Reservoir"). The Reservoir is primarily located in the W1/2 of Section 36, Township 6 North, Range 66 West of the 6th P.M., and is part of the Greeley 25th Avenue Gravel Pit (DRMS M-2002-020) and Flatirons Reservoir Nos. 1-5 decreed by the Division 1 Water Court in case no. 99CW0234. The Reservoir was lined with a soil bentonite slurry wall. The slurry wall leak test commenced on October 26, 2024 and concluded on January 23, 2025. A site inspection was performed by our office on February 5, 2025 to review site conditions and discuss the leak test results.

Your report dated February 25, 2025 provides the liner summary and leak test results.

The test data provided indicates that the liner meets the performance standard



referenced in the August 1999 State Engineer Guidelines for Lining Criteria for Gravel Pits (1999 SEO Guidelines). **Meeting the performance standard requires that during reservoir operations all water inflows and outflows for the liner perimeter enclosed area be accounted for on a weekly basis.**

With this liner approval, Poudre Ponds Pond B 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 303-866-3581 x8246 or ioana.comaniciu@state.co.us 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)

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