



COLORADO
Division of Water Resources
Department of Natural Resources

John W. Hickenlooper
Governor

Robert Randall
Executive Director

Kevin G. Rein, P.E.
Director/State Engineer

November 14, 2017

JAY DAVENPORT
C/O VARRA COMPANIES, INC.
TRANSMISSION VIA EMAIL: jay.davenport@alumni.mines.edu

**RE: CLAY LINER APPROVAL
WESTERN SUGAR 120 RESERVOIR CELL B (WDID 0303369)
WESTERN SUGAR PIT, DRMS M-2010-049 (WDID 0303038)
E1/2 OF THE NW1/4 AND THE NW1/4 OF THE NE1/4 OF SECTION 9, T5N, R65W
WATER DIVISION 1, WATER DISTRICT 3**

Dear Mr. Davenport:

The purpose of this letter is to approve the lining of the Western Sugar 120 Reservoir Cell B (120 Reservoir Cell B). The 120 Reservoir Cell B is primarily located in the E1/2 of the NW1/4 and the NW1/4 of the NE1/4, Section 9, Township 5 North, Range 65 West of the 6th P.M., and is part of the Western Sugar gravel pit (DRMS M-2010-049). This clay liner leak test commenced April 1, 2017 and concluded on June 29, 2019. Site inspection was performed by our office on October 16, 2017 to review site conditions and discuss the leak test data.

Your revised report dated October 22, 2017 provides the liner summary and leak test result. The test data provided indicates that **the reservoir has been lined to 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, the 120 Reservoir Cell 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 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)
Garret Varra, Varra Companies, Inc. (gvarra@varracompanies.com)
WDID File (030369 & 0303038)

