

August 30, 2021



Eric Scott, Environmental Protection Specialist  
Colorado Division of Reclamation, Mining & Safety  
1313 Sherman Street RM# 215  
Denver, CO 80203

RE: Completion of all the required grading and the cutoff wall per SEO's approved letter for  
Baseline Resource M1997-058 Technical Revision 03

Dear Mr. Scott:

Attached you will find a letter from Andy Rodriguez with Civil Resources, LLC the engineer of record for the Baseline grading and cut-off wall approved through the SEO's office. The letter states that all the required work as outlined by the state Engineer is now completed. Please include this in your reclamation records.

Please contact me should you have any further questions or comments.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ed Lafferty', is positioned above the printed name.

Ed Lafferty  
V.P. of Construction

August 25, 2021

Mr. Ed Lafferty  
Vice President of Construction  
Hall-Irwin Corporation  
301 Centennial Drive  
Milliken, CO 80543

**Re: Site Visit Summary, Walker Reservoir, Weld County, Colorado**

Dear Mr. Lafferty:

This letter summarizes the site visit observations in reference to the grading performed on a part of the north Walker Reservoir in Weld County, Colorado. Attached are site photos showing the construction performed per recommendations from the Civil Resources memo dated June 6<sup>th</sup>, 2021 and the Colorado Division of Water Resources, Dam Safety Branch Letter dated July 6<sup>th</sup>, 2021 (attached).

If you have any questions, please don't hesitate to contact me.

Sincerely,

CIVIL RESOURCES, LLC.



Andy Rodriguez  
Project Manager

J:\HallIrwin-105\Walker Reservoir\Report\Walker Res Construction Report.doc



NORTH GRADING AREA LOOKING EAST



NORTH GRADING AREA LOOKING WEST



NORTH GRADING AREA LOOKING NORTH



NORTH GRADING AREA LOOKING SOUTH



NORTH GRADING AREA LOOKING WEST, NORTH ACCESS ROAD SHOWN





SPILLWAY GRADE CONTROL ON EAST SIDE OF NORTH WALKER





**COLORADO**  
**Division of Water Resources**  
Department of Natural Resources  
Dam Safety Branch

July 6th, 2021

Mr. Brad Hagen, P.E.  
Civil Resources, LLC  
8308 Colorado Blvd, Suite 200  
Firestone, Colorado 80504  
via email: [brad@civilresources.com](mailto:brad@civilresources.com)

When replying, please refer to:  
**Walker Reservoir North Dam, DAMID 020697**  
**Water Division 1, Water District 2**

**SUBJECT: Jurisdictional Determination for Walker North Reservoir Dam**

Dear Mr. Hagen,

Thank you for submitting the Walker Reservoir hazard classification recommendation memo dated June 29<sup>th</sup>, 2021 for review and hazard classification determination.

The above referenced structure is located approximately 2 miles north of the City of Brighton, Section 36, Township 1N, and Range 67 West of the 6<sup>th</sup> P.M. in Weld County Colorado. The Walker Reservoir complex consists of two reclaimed gravel pit cells (North and South Cell). The pits have been lined with slurry walls and will come on line for water storage in the near future. Civil Resources, LLC has reviewed the available historic topographic information for this area and determined storage in the south cell is below grade and formal approval by the dam safety branch is not required. The majority of the water storage in the north cell is also below grade; however, overburden from mining operations were used to create an embankment that will result in storage of water approximately 5 foot above the pre-mined ground surface in the northeast corner of the reservoir.

The reservoir will store water approximately 5-ft above the original (pre-mined) ground surface, which will result in 170.2 acre-feet of above grade storage. Due to this above grade storage volume, the North Cell is considered a jurisdictional dam. A critical section was evaluated in the northwest corner of the reservoir for a potential dam failure and it was determined the breach flood flows will travel northeast across undeveloped land for approximately 0.5 miles and into the South Platte River. Breach flows would inundate land within the South Platte River flood plain that will unlikely be developed. Based on this information, this office agrees with your findings the dam is No Public Hazard.

We sincerely appreciate that you contacted this office for a ruling on the status of this project. Please keep me up-to-date as this storage complex is completed and brought on line. Feel free to contact me at (970) 352-8712 x1251 if you have any questions or comments regarding the information presented herein or any dam safety related topics.

Sincerely,

John Batka, P.E.  
Dam Safety Engineer



Mr. Brad Hagen  
Walker North Reservoir Dam - Jurisdictional Determination letter  
DAMID 020697  
July 6, 2021  
Page 2 of 2

Enc. Copy of Rules 11 and 13 of the "Rules and Regulations for Dam Safety and Dam Construction"

cc: Corey Deangelis, Division Engineer, Water Division 1  
Jorge Vidal, WD 2 Water Commissioner  
Bill McCormick, Dam Safety Branch Chief  
Ed Lafferty, Hall-Irwin Corporation