



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

June 5, 2024

Ms. Tara Schutter, P.E.  
Tessara Water, Inc.  
13101 Cavanaugh Road  
Hudson, CO 80642  
Via email: tara@tessarawater.com

When replying, please refer to:  
**PARK CREEK DAM, DAMID 030308**  
**Water Division 1, Water District 3**  
**Construction File No. C-1235B**

**SUBJECT: Approval of Plans and Specifications for Enlargement**

Dear Ms. Schutter,

Thank you for submitting plans and specifications for the enlargement project for Park Creek Dam for review and approval by the Office of the State Engineer. Park Creek Dam is located in Section 17, Township 10 North, Range 69 West of the 6<sup>th</sup> P.M. in Larimer County, Colorado. This project involves modifications to raise the elevation of the embankment and spillway to increase the normal water surface elevation and available storage in the reservoir. We have completed our review of the design and construction documents and have found them to be acceptable for construction. We are transmitting digital copies of the construction drawings and specifications with approval signatures, as digitally signed PDF files. Our acceptance and approval of these documents are effective as of the date of this letter.

*Permits from other Local, State and Federal agencies may be required prior to the start of construction of this project, considered beyond the scope of our review and approval. All water rights administration matters must be coordinated with the Division Engineer.*

The construction of this project must be performed under the purview of a professional engineer registered in the State of Colorado. We direct your attention to Rule 8 (copy enclosed) of the Rules and Regulations concerning construction observations, coordination, and documentation activities required for this High Hazard Dam. Please keep Mr. Jeremy Franz at (970) 231-6990 informed of the construction status so he may also meet our obligations under Rule 8.

Please retain the provided digitally approved plan sheets for your records and reference and for archiving after construction. Those will need to be maintained and provided for distribution and paper document production. At the end of construction we will need a PDF file of the approved plans, with the approval signatures as well as a new signature on the as-constructed certification. We will accept digital PDF documents meeting all requirements of Rule 8 at that stage of the process for final acceptance. Final acceptance of the construction will be contingent upon our receipt and acceptance of the "As-Constructed" drawings, as well as the other requirements of Rule 8 of the Rules and Regulations.



Key Dam Safety Elements as part of Approval

1. It is our understanding that the construction will be phased with the embankment improvements planned during the first season and spillway improvements planned during the second season. Included with the approved package is the specified maximum water surface elevation to be maintained in the reservoir through the duration of first season construction of the embankment improvements. A separate analysis to determine the maximum allowable water surface elevation to be maintained during the construction of the spillway improvements is pending and must be submitted and approved by our office prior to commencement of the second season spillway improvements portion of the project.
2. It is also our understanding that the North Poudre Irrigation Company's acquisition of easements for the expanded higher normal water line is ongoing. Documentation of the execution of those easements and/or agreements with the adjacent property owners will be required prior to final acceptance of the project to allow storage at the higher normal water line.

We look forward to working with the North Poudre Irrigation Company and Tessara Water on the successful completion of this enlargement project. Please do not hesitate to call me at (719) 258-0859 if you have any questions concerning this matter or any other dam safety related issues.

Sincerely,



John E. Hunyadi, P.E.  
Assistant State Engineer

Enc: Copy of Rule 8 of the "Rules and Regulations for Dam Safety and Dam Construction"

cc: Corey DeAngelis, Division Engineer, Water Division 1  
Mark Simpson, WD 3 Water Commissioner  
Jeremy Franz, Design Review Engineer  
Kallie Bauer, Dam Safety Engineer  
Tad Moen, North Poudre Irrigation Company - [tmoen@npicwater.com](mailto:tmoen@npicwater.com)  
Zach Salin, CWCB  
Kirk Russell, CWCB  
Matt Stearns, CWCB