

Dam Safety

December 12, 2023

Mr. Mark Ritterbush Water Services Manager City of Grand Junction 333 West Ave Grand Junction, CO 81501 Via email: <u>markri@gjcity.org</u> When replying, please refer to: HOGCHUTE DAM, DAMID 420127 Water Division 4, Water District 42 Construction File No. C-0454A

SUBJECT: Final Acceptance of Construction

Dear Mr. Ritterbush,

On November 27, 2023, Ayres and Associates provided our office with completion documents for the subject dam including as-constructed plans, a completion report documenting all aspects of construction, and a professional certification stating that the project was completed in accordance with the approved plans and specifications. Our office provided final comments on December 1, 2023. Ayres and Associates provided acceptable response on December 11, 2023.

This project involved construction of a suitable spillway, CIPP outlet lining, replacement of outlet structures (including a sand filter diaphragm) and installation of early warning system instrumentation. Based on observations during construction inspections, oversight and certification by your engineer, and our review of the construction completion documents, we believe the project has been satisfactorily completed in general accordance with the approved plans and specifications. Therefore, the project is accepted for full storage when water is physically and legally available, and in accordance with your engineer's monitoring plan.

The structural height remains at 56-feet as the elevations of the crest and cutoff trench remain unchanged. The dam crest length remains unchanged at 560 feet and the 41-acre reservoir surface area also remains unchanged.

The State Engineer, by providing this construction acceptance does not assume responsibility for any unsafe condition of the subject dam. The sole responsibility for the safety of this dam rests with the reservoir owner and operator, who should take every step necessary to prevent damages caused by leakage or overflow of waters from the reservoir or floods resulting from a failure of the dam. Therefore, it is in the owner's best interest to operate and maintain the facility in a manner such that the safety of the dam and the general public are not jeopardized.



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We are enclosing a copy of Rules 11 and 13 of the Rules for your reference and use. These rules pertain to general maintenance items and the owner's responsibilities, respectively.

We would like to recognize the efforts of the City of Grand Junction, Ayres and Associates, and ESCO, and all other parties who worked to complete this dam construction project. Thanks to all for minding the safety of those who live below this dam and the resiliency of those served by it.

If you have any questions, please contact me at 719-227-5294 or Dam Safety Engineer Jackie Blumberg at 303-505-6469.

Sincerely,

John Hunyadi, P.E. Chief, Colorado Dam Safety Program

- Enc. Copy of Rules 11 and 13 of the "Rules and Regulations for Dam Safety and Dam Construction"
- ec: Bob Hurford, Division Engineer, Water Division 4 Jason Fuller, WD42 Water Commissioner Jason Ward, Design Review Engineer/Dam Safety Engineer Jackie Blumberg, Dam Safety Engineer Randi Kim, City of Grand Junction, <u>randik@gjcity.org</u> Slade Connell, City of Grand Junction, <u>sladec@gjcity.org</u> Todd Rudolf, Ayres, <u>rudolft@ayresassociates.com</u> Dale Mathison, Ayres, <u>mathisond@ayresassociates.com</u> James Hitchman, Ayres, <u>hitchmanj@ayresassociates.com</u> Ryan Fricke, USFS, <u>ryan.fricke@usda.gov</u> Josh Godwin, CWCB