



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

November 29, 2022

Dean Snyder
Lookout Mountain Water District
1202 Bergen Pkwy
Evergreen, CO 80439
via email: dsnyder6@comcast.net

When replying, please refer to:
LOWER BEAVER BROOK DAM, DAMID 070102
Water Division 1, Water District 7
Construction File No. C-0292B

SUBJECT: Final Acceptance of Construction

Dear Mr. Snyder,

Our office performed a final construction inspection of the newly constructed RCC Lower Beaver Brook Dam on May 18, 2022. Rule 8 of the Rules and Regulations for Dam Safety and Dam Construction (the Rules) requires that your design engineer, GEI Consultants Inc. (GEI), prepare as-constructed plans, a completion report documenting all aspects of construction, and their professional certification stating that the project was completed in accordance with the approved plans and specifications. GEI satisfactorily submitted the required Rule 8 completion documents on November 17, 2022.

This project involved replacement of the concrete faced rockfill embankment dam with a straight RCC gravity dam. 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 the approved first filling and monitoring plan dated April, 2022.**

The structure has a dam height of 37.3 feet and crest length of 200 feet. The reservoir created by the dam covers approximately 2 acres and has full storage capacity of 29 acre-feet at the emergency spillway crest elevation.

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.

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 Lookout Mountain Water District, GEI, Zak Dirt, and all other parties who worked to complete this dam construction project. Thanks to all for increasing the safety of dams in Colorado and improving the resiliency of your water infrastructure.



Mr. Dean Snyder, Lookout Mountain Water District
Lower Beaver Brook Dam - Final Project Acceptance Letter
DAMID 070102, C-0292B
November 29, 2022
Page 2 of 2

If you have any questions, please contact me at 719-258-0859 or Dam Safety Engineer Jim Kirch at 614-975-2623.

Sincerely,

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

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
Jason Smith, WD 7 Water Commissioner
Jim Kirch, Dam Safety Engineer
Jeremy Franz, Design Review Engineer
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