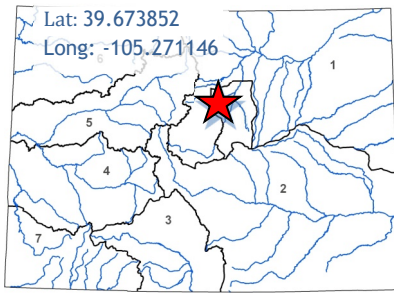




Enlargement of Genesee Reservoir No. 1 Genesee Water and Sanitation District

March 2021 Board Meeting

Water Plan Grant Application



L O C A T I O N	
County/Countries:	Jefferson
Drainage Basin:	Metro

D E T A I L S	
Total Project Cost:	\$4,242,000
Water Plan Grant Request:	\$1,500,000
Recommended Amount:	\$1,384,000
Other CWCB Funding:	\$4,242,000(CWCB Loan)
Other Funding Amount:	\$0
Applicant Match:	\$4,242,000(CWCB Loan)
Project Type(s):	Construction
Project Category(Categories):	Storage & Supply
Measurable Result:	30 AF New Storage Created

The Genesee Water and Sanitation District (District) was created in 1973 and currently services 1,442 taps and approximately 3,900 people in Genesee. Genesee Reservoir No. 1 was originally constructed in 1975 to provide a raw sewage lagoon for the District; however, it was later changed to a water augmentation reservoir for the District.

The District currently has two reservoirs: No. 1 which stores 16 AF of augmentation water, and No. 2 that stores 101 AF primarily for municipal use. In 2019, the District received a \$37,837 Feasibility Study Grant from the CWCB to evaluate alternatives to address additional storage need in the District. Through this study, the District determined that the most effective project to increase storage is to enlarge Reservoir No. 1 by an additional 30 AF. This includes raising the existing channel spillway, constructing a reinforced concrete parapet wall ranging from 8-24 feet high, constructing a new tie-in to the District’s main raw water transmission line at the existing pump building, and replacing the existing liner.

Funding Recommendation: Staff is recommending a grant of \$1,384,000 from the Storage and Supply category of funding. This is approximately 33% of the project costs. This amount represents the Water Plan Grant eligible amount of 50% of the costs of additional storage created based on a \$/AF calculation of the overall project cost. The remainder of the project will be funded through a CWCB loan. This project aligns with the Water Plan measurable objective of reducing the municipal and industrial gap by adding new storage.

