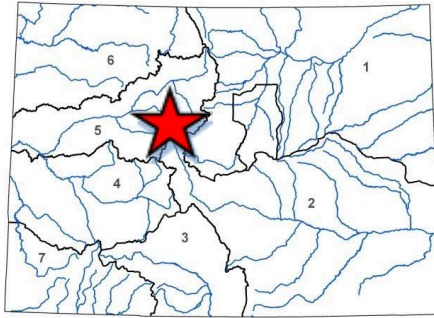




Water Plan Grant Program



LOCATION

| | |
|---------|----------|
| County: | Eagle |
| Basin: | Colorado |

DETAILS

| | |
|---------------------------|--|
| Total Project Cost: | \$1,552,780.00 |
| Water Plan Grant Request: | \$776,390.00 |
| Recommended Amount: | \$776,390.00 |
| Match Commitment: | \$776,390.00 |
| Grant to Match Ratio | 50/50 |
| Project Type: | Design / Engineering |
| Primary Project Category: | Water Storage & Supply |
| Measurable Result: | Completed design development plans and Army Corps permitting for 1,200 AF of new storage |

Eagle River Water and Sanitation District (ERWSD), a special district responsible for the regional public water and wastewater treatment systems including all contract water operations and management to the Upper Eagle Regional Water Authority in Eagle County, is seeking Colorado Water Plan grant funding to support design development and Army Corps permitting for Bolts Lake Reservoir. Bolts Lake is an abandoned off-channel reservoir that would store approximately 1,200 acre-feet of water diverted from the Eagle River and potentially Cross Creek. The project is located in Eagle County, south of Minturn, at the historic Bolts Lake site. This phase of the multi-year project also involves procuring a Construction Manager to provide Construction Manager General Contractor (CM/GC) services until construction completion.

The Bolts Lake Preliminary Design Report, funded by a previous Water Plan Grant, addressed two primary obstacles: the water source and the need for a reservoir liner. The original gravity-fed ditch from the Eagle River was deemed too expensive and environmentally impactful, and so the design was modified to a pump station option (Eagle River Diversion). Additionally, highly permeable soils at the reservoir site necessitate a liner to prevent water seepage, with further evaluation needed to select the most cost-effective and durable liner type.

The project aims to provide approximately 1200 AF of additional in-basin storage in the Eagle River Valley to meet projected water supply needs, increase the reliability and resiliency of the District's water supply, reinforce its ability to meet downstream minimum instream flow requirements, and provide recreational opportunities. It advances the Colorado Water Plan by developing new storage, which is a key component of the Water Storage & Supply category, and aligns with the grant criteria by focusing on a multi-beneficial project identified in the Colorado Basin Implementation Plan to address municipal and industrial water supply gaps.

Grant dollars would be used to fund the preparation of design development drawings and specifications and securing a U.S. Army Corps nationwide permit for the Eagle River diversion. This includes consulting with stakeholders such as US Fish and Wildlife, US Forest Service, USEPA, US Bureau of Reclamation, Colorado Department of Public Health and Environment, Colorado Parks and Wildlife, Colorado Department of Historic Resources, Town of Minturn, Eagle County, Eagle River Coalition, Battle North LLC and Eagle Mine. Grant dollars would also be used for the procurement of a CM/GC Construction Manager.

This project is supported by the Colorado Basin Roundtable.

Funding Recommendation:

Staff recommends a Water Plan Grant award not to exceed \$776,390.00 to Eagle River Water and Sanitation District for Bolts Lake Design Development Progress Drawings project.