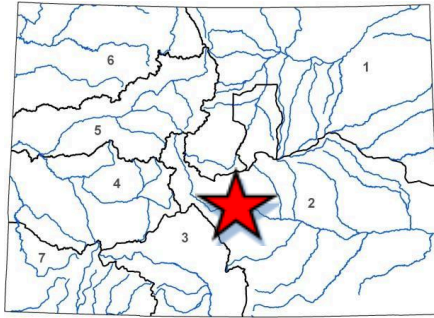




## Water Plan Grant Program



LOCATION	
County:	Fremont
Basin:	Arkansas

DETAILS	
Total Project Cost:	\$542,500.00
Water Plan Grant Request:	\$406,875.00
Recommended Amount:	\$406,875.00
Match Commitment:	\$135,625.00
Grant to Match Ratio	75/25
Project Type:	Planning
Primary Project Category:	Water Storage and Supply
Measurable Result:	Completed feasibility study exploring the creation of 500 AF of new storage.

The City of Canon City is seeking Colorado Water Plan grant funding to support a comprehensive feasibility study and a preliminary design to support planning for the John Griffin Park Reservoir project. This reservoir project aims to create an off-channel, emergency supply source and restore disconnected floodplain property in Canon City, Colorado.

The proposed reservoir would create approximately 500 acre-feet of new water supply, increasing Canon City's emergency supply from 7 days to 24 days, restoring approximately 75 acres of disconnected floodplain property by reconnecting abandoned side river channels (up to 7,200 feet) and creating new wetlands (up to 26 acres). It will also enhance recreational opportunities (fishing, paddle boarding, kayaking, bird watching) and provide valuable habitat for native fish in the Arkansas River.

The proposed feasibility study would focus on the following objectives:

- 1) **Site Suitability:** Conduct a Phase 1 Environmental Site Assessment (ESA) to ensure that construction could be undertaken. If the ESA findings indicate a practical approach forward, the project will continue to evaluate and assess the hydrologic, hydraulic, and geologic site conditions for reservoir construction.
- 2) **Collaboration:** Work with key stakeholders (e.g. Colorado Parks and Wildlife, US Army Corps of Engineers, and Colorado Division of Water Resources) and the community to maximize the benefits of water storage, habitat creation, and recreation, ensuring compliance with water rights.
- 3) **Preliminary Design:** Once the stakeholders and community input is considered, a preliminary design will be developed. During this process, the final evaluations will be determined for reservoir construction, stream and wetland creation, cost estimates, and permitting requirements.

The planning project advances the Colorado Water Plan by addressing municipal and industrial water supply gaps, improving watershed health, enhancing recreational opportunities, and developing new storage; aligning with Water Plan goals for a Vibrant Community, Thriving Watershed, and Resilient Planning.

### Funding Recommendation:

Staff recommends a Water Plan Grant award not to exceed \$406,875.00 to the City of Canon City for Planning John Griffin Park Reservoir.