

**COLORADO**Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board**Water Supply Reserve Fund - Statewide & Basin****Water Project Summary**

Name of Applicant	Lake County Government	
Name of Water Project	Lake County Water Resource Assessment	
Basin Account Request Subtotal		\$20,140.00
Statewide Request Amount		\$130,910.00
Statewide Project Category		Drought Resiliency
Applicant Cash Match		\$50,350.00
Applicant In-Kind Match		\$0.00
Basin Requests		
<i>Arkansas</i>		\$20,140.00
Sources of Funding		

Grant Details

Statewide Project Category Justification

Because of Lake County's unique geographic location and limited water portfolio, our water resources must be carefully assessed to build drought resilience for the long-term sustainability and welfare of our county's water users.

Applicant & Grantee Information

Name of Grantee: Lake County Government
Mailing Address: 505 Harrison Ave Leadville CO 80461
FEIN: 846,000,777

Organization Contact: Bryce Ehrlich
Position/Title: Deputy Director of Community Planning
and Development
Phone: 719-293-1249
Email: bryce.ehrlich@gmail.com

Organization Contact - Alternate: Sarah Mudge
Position/Title: Lake County Commissioner
Phone: 719-293-0177
Email: smudge@co.lake.co.us

Grant Management Contact: Bryce Ehrlich
Position/Title: Deputy Director of Community Planning
and Development
Phone: 719-293-1249
Email: bryce.ehrlich@gmail.com

Grant Management Contact - Alternate: Sarah Mudge
Position/Title: Lake County Commissioner
Phone: 719-293-0177
Email: smudge@co.lake.co.us

Description of Grantee/Applicant

Lake County's water portfolio is covered by decree 98CW0173, which allows us to use that portfolio within a Blanket Augmentation Plan

Location of Water Project

Latitude	39.248107
Longitude	-106.291891
Lat Long Flag	Default/Proponent headquarters: If the location cannot be defined with flags above, use location of project proponent headquarters
Water Source	Derry Ditch #3 (avg yield 34-36 af/year), a direct flow from Bartlett Gulch Stream, a tributary of Lake Creek (into Twin Lakes) and the Arkansas River Aurora IGA water (40 af annually) delivered from Aurora's storage in Turquoise Lake
Basins	Arkansas
Counties	Lake
Districts	11-Arkansas: Headwaters to Salida

Water Project Overview

Major Water Use Type	Municipal
Type of Water Project	Planning
Scheduled Start Date - Design	3/1/2024
Scheduled Start Date - Construction	

Description

Lake County is pursuing funding for environmental, engineering and analysis services to study the feasibility and future use potential of Lake County's existing water rights portfolio and associated infrastructure and conveyance structures. This work will entail two interrelated parts: first an assessment of the county's water resource portfolio to determine the most efficient use of this limited resource, including an assessment of existing and potential storage facilities for Lake County water and how they would benefit the implementation of Lake County's Blanket Augmentation Plan decree; and secondly a more focused assessment of the De Lappe Ditch, determining the work to be done to rehabilitate the ditch to a usable state and how it may be integrated into the Blanket Augmentation Plan and Lake County's broader water resource development goals.

Measurable Results

	New Storage Created (acre-feet)
	New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
	Existing Storage Preserved or Enhanced (acre-feet)
	New Storage Created (acre-feet)
	Length of Stream Restored or Protected (linear feet)
7,400.00	Length of Pipe, Canal Built or Improved (linear feet)
	Efficiency Savings (dollars/year)
	Efficiency Savings (acre-feet/year)
	Area of Restored or Preserved Habitat (acres)
	Quantity of Water Shared through Alternative Transfer Mechanisms or water sharing agreement (acre-feet)
7,475	Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
7,475	Number of Coloradans Impacted by Engagement Activity
Other	

We will be assessing the feasibility of future storage facilities, both those already called out in our decree as well as other options that may be more effective or easier to construct.

Arkansas Basin Roundtable

September 13, 2023

Via Electronic Mail: ben.wade@state.co.us

Mr. Ben Wade
Colorado Water Conservation Board
1313 Sherman Street, Room 721
Denver, CO 80203

Re: Colorado Water Supply Reserve Fund Grant Application: Lake County Government's request for support of a Water Resource Assessment

Dear Ben:

At its September 13, 2023 meeting, the Arkansas Basin Roundtable (ABRT) approved support of the Lake County Water Resource Assessment request for \$20,140 from the Basin account and \$130,910 from the Statewide account. The applicant is also providing \$50,350 in matching funds.

This project supports the goals of the Colorado Water Plan and the Arkansas Basin Roundtable Implementation plan by allowing Lake County to make a thorough assessment of their current limited water portfolio so that they may plan the most effective way to implement their Blanket Augmentation Plan. Given Lake County's development pressures, the project will include a comprehensive analysis of the county's current water rights, as well as recommendations for construction or rehabilitation of existing and potential storage facilities and conveyance structures to ensure water availability into the future. Smart planning and implementation will allow Lake County to serve its agricultural, residential, and recreational users in an efficient way that respects its sensitive environment and location at the headwaters of the Arkansas River.

The Arkansas Basin Roundtable approved supporting this application by consensus and there were no dissenting views.

Should you have any questions or concerns, please feel free to contact me either by telephone, (719) 668-8028

Thank you,

MD Shea

Mark Shea
Chair

Copy via email: Applicant; Needs Assessment Chair