



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Lauren Duncan, Arkansas Basin Regional Water Plan Grant Manager and Nora Flynn, Senior Agricultural Specialist

CC: Jeannine Shaw, Grants Section

DATE: July 16, 2025

AGENDA ITEM: Consent Agenda 3b, Change of Grant, Software for Improved Delivery Efficiency

Staff Recommendation:

Staff recommends the Board approve a change of grant to match ratio for Corriente Environmental Solutions' Software for Improved Delivery Efficiency Water Plan Grant award.

Background:

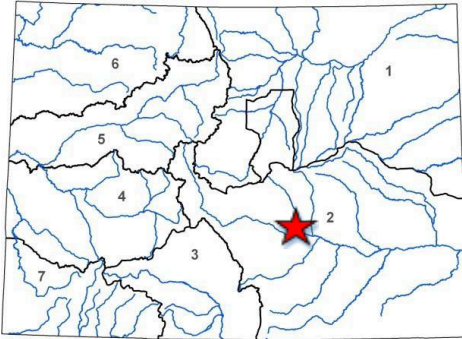
At the March 2025 Board meeting, the Board approved a \$96,850.00 Water Plant Grant to Corriente Environmental Solutions (Corriente) for the Software for Improved Delivery Efficiency project. Grant funds will be used to fund three pilot locations intended to offer process improvements in water resources management by providing an innovative tool for water managers to keep reliable records and data, improve delivery efficiencies and maximize beneficial uses.

The Grantee is requesting a change to the total matching funds and project budget, which adjusts the approved match to grant ratio. When a grantee revises the match ratio originally approved by the Board, staff brings the item back for board consideration. The Grantee had originally intended to use grant funds from the State Office of Economic Development and International Trade (OEDIT) as match for this project; however OEDIT does not allow state funds from any state agency to be used as match. After removing OEDIT's matching funds, the revised total project cost is \$218,226.25; the Water Plan Grant request of \$96,850.00 is unchanged. Match funding is provided by the Colorado Ag Water Alliance (\$20,000), participating ditch companies (\$3,600) and the Grantee. This budget adjustment reduces the total match provided by the Grantee from 62% to 56%, which still exceeds the required 50% match contribution minimum for this type of project. The project goals remain the same and measurable results are unchanged. In addition to match funding from participating ditch companies and the Colorado Agriculture Water Alliance, Corriente will plan on utilizing their own funds to cover the match for this grant. Corriente staff is also taking on more of the project tasks directly, rather than outsourcing this work. Both of these efforts highlight the Grantee's commitment to the project and promote the long-term sustainability of this work. The updated datasheet is attached.





Water Plan Grant Program Application



LOCATION
County/Countries: Fremont; Larimer; Weld; Mesa
Drainage Basin: Arkansas; Colorado; South Platte

DETAILS	
Total Project Cost:	\$218,226.25
Water Plan Grant Request:	\$96,850.00
Recommended amount:	\$96,850.00
Other CWCB Funding:	\$0
Other Funding Amount:	\$0
Applicant Match:	\$121,376.25
Project Type:	Design and Implementation
Project Category:	Agriculture
Measurable Result:	Three completed pilot studies

Corriente Environmental Solutions is partnering with ditch and canal companies across Colorado to help them be more efficient with the delivery and use of water by creating new tools to capture and store data, track water deliveries and maximize the beneficial uses of their decreed water rights.

Colorado Water Plan Grant funding will support a pilot of “RecordFLOW”, a proprietary software and low-cost sensor technology to enhance water delivery efficiency in Fremont, Larimer, Weld, and Mesa counties, targeting the Arkansas, Colorado, and South Platte Basins. This software will include the development of a “Water Information Dashboard”. Ditch and canal companies can use the Dashboard to create custom displays of public and private data which could include river flows, ditch water levels, weather conditions and snowpack, or ditch-specific water level sensors. The data this software package provides will address potential inefficiencies in data collection and records management, and provide tools for water managers to improve operations.

This software package will be tested through three pilot studies with the Hydraulic Ditch Company, the Orchard Mesa Irrigation District, and the Larimer and Weld Canal Companies. These pilot projects intend to offer process improvements in water resources management by providing an innovative tool for water managers to keep good records and data, improve delivery efficiencies and maximize beneficial uses.

This grant was originally approved by this Board in March of 2025. The Grantee is requesting a change to the total matching funds and project budget. The Grantee had originally intended to use grant funds from the State Office of Economic Development and International Trade (OEDIT) as match for this project; however OEDIT does not allow state funds from any state agency to be used as match. After removing OEDIT’s matching funds, the revised total project cost is \$218,226.25; the Water Plan Grant request of \$96,850.00 is unchanged. Match funding is provided by the Colorado Ag Water Alliance (\$20,000), participating ditch companies (\$3,600) and the Grantee. This budget adjustment reduces the total match provided by the Grantee from 62% to 56%, which still exceeds the required match contribution for this type of project. The project goals remain the same and measurable results are unchanged.

Funding Recommendation:

Staff recommends the Board approve a new grant to match ratio of 44% grant to 56% match.