

**Grand County Irrigated Land Co.
P.O. Box 1429
Granby, Colorado 80446**

FINAL REPORT, WSRF Grant

Date: January 30, 2018

Project Name: Vail Ditch Water Management Improvement Project

Contact: Michael Holmes, phone: 303-726-3648
email: holmescolo@aol.com

POGGI #: 2018-228

Roundtable Basin: Colorado River

Date of CWCB approval: August 16, 2017

Summary of Work completed:

Task 1: The six foot Parshall flume and stilling well were installed in Strawberry Creek on Sept. 25 & 26 and the stilling well at the Upper Vail Ditch flume was installed October 13. In place of concrete wing walls, sheet metal wing walls were installed on the flume. After the flume was set in place, 15 bags of cement mix was mixed with the fill material.

Both sites were reseeded and mulched with grass seed and wood straw provided by the U.S. Forest Service.

Task 2: The stage discharge recorder(SDR)/telemetry systems have been delivered and initialized for installation and data recording following snowmelt and the site is accessible. The stilling well and gauge box, that house the SDR, were installed at the Upper Vail Ditch flume on Oct. 13.

Obstacles Encountered:

No obstacles were encountered for either Task 1 or 2. Staff from the Sulfur Springs Ranger District inspected the Strawberry Creek flume and there only recommendations were to reseed the site prior to heavy snows.

Proposed versus the Actual Budget:

Task	Description	Proposed Budget	Actual Budget
1	Parshall Flume Installation	\$16,000	\$10,052.25
2	SDR/Telemetry	\$7,000	\$6,918.00

The flume installation cost were below estimates due to mounting sheet metal wing walls on the flume instead of pouring concrete walls.

Status of Matching Commitments

As of January 30, matching funds from the Grand Count Mutual Ditch and Reservoir Co. have not been received.

Attachments

Photographs

Operation Plan with US Forest Service

Design Plan

