



**TO:** Colorado Water Conservation Board Members

**FROM:** Anna Mauss, Finance Section

**DATE:** May 23-24, 2018 Board Meeting

**AGENDA ITEM:** 34. Water Plan Grants – Storage (Final)

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### Introduction

The storage category has \$1,415,740 in available funds. With the final approval of the Seeley Reservoir Dredging project, this Water Plan Grant category will have \$0 available of the original \$3 million.

See attached Data Sheets for locations and summaries.

### Staff Review and Comments

- a. Ogilvy Irrigating and Land Company - Seeley Reservoir Dredging (Information Only)

See agenda item 8a for staff recommendation.

- b. City of Walsenburg – City Lake Dam Enlargement Reauthorization

The City of Walsenburg (City) applied for a \$804,000 Water Plan Grant for the City Lake Dam Enlargement Project for initial consideration at the September 2017 Board meeting and received final approval at the November 2017 Board meeting. An approval condition was placed on the grant that read:

*“Prior to executing a grant contract, the City of Walsenburg must provide the CWCB with an executed Intergovernmental Agreement (IGA) between the City and other local government members of the Cucharas Storage Collaborative, including the Town of La Veta, the Cucharas Sanitation & Water District, and the Huerfano County Water Conservancy District regarding future use of the enlarged storage capacity at City Lake by March 15, 2018. If the IGA is not executed by December 31, 2017, the City must provide a status report to CWCB staff so an update can be presented to the Board at the January 2018 meeting. If the IGA is not executed by March 15, 2018, the Board will reconsider the grant authorization so funds can be used for other storage projects.”*

The City provided a written update that was included on the January 22-23, 2018 consent agenda (item 3a). At that time, the City reported that it was unable to agree on conditions and it was continuing to work on the issues. The parties continued discussions and came to a written agreement on May 2, 2018. Staff was provided an executed copy of the IGA titled “Intergovernmental Agreement Concerning the Option Right to Lease Water Storage Capacity.” Staff reviewed the agreement and believes it meets the approval condition even though it was delivered after the due date.

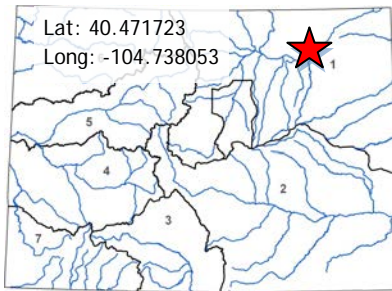
### Staff Recommendation

Staff recommends the Board accept the IGA signed on May 2, 2018 by the City of Walsenburg, the Town of La Veta, the Cucharas Sanitation & Water District, and the Huerfano County Water Conservancy District and award the City with the \$804,000 Water Plan Grant for City Lake Dam Enlargement.





## Water Plan Grant Application

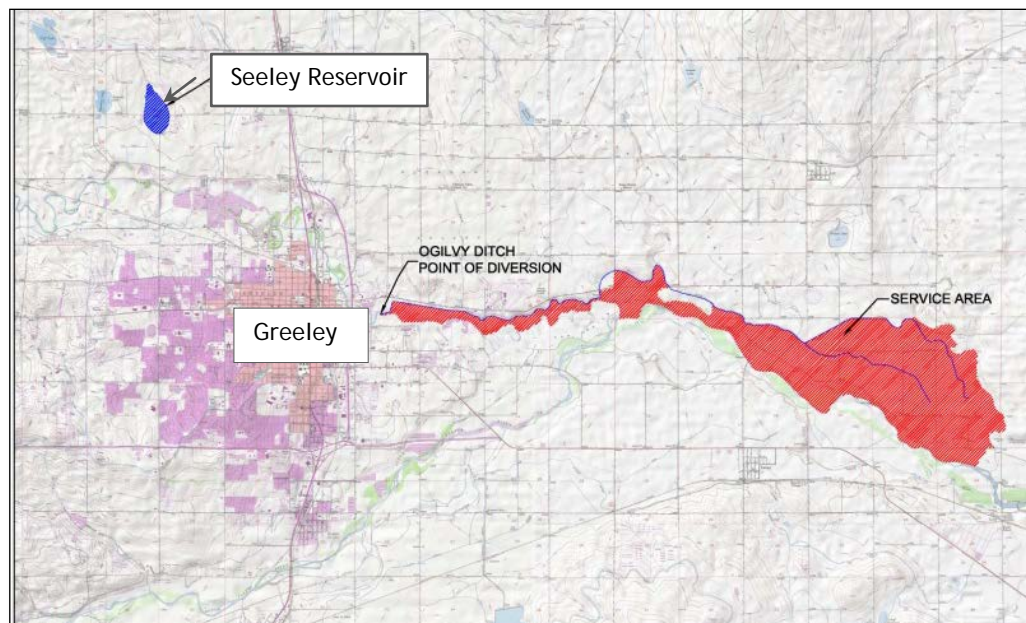


L O C A T I O N	
County/Countries:	Weld
Drainage Basin:	South Platte

D E T A I L S	
Total Project Cost:	\$3,667,740
Water Plan Grant Request:	\$1,415,740
Other CWCB Funding:	\$2,252,000 (loan)
Other Funding Amount:	\$0
Applicant Match:	\$2,252,000 (loan)
Project Type(s):	Construction
Project Category(Categories):	Storage
Measurable Result:	356 acre-feet created

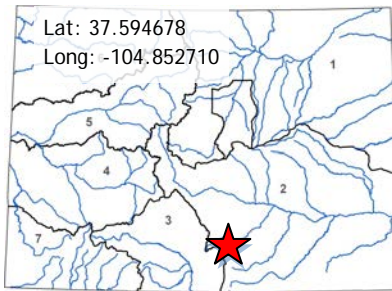
The Ogilvy Irrigating and Land Company is a mutual ditch company that owns and operates Seeley Reservoir and the Ogilvy Ditch. The Ogilvy Ditch system encompasses 3,600 acres from a Cache la Poudre River diversion, located on the east edge of Greeley to farms east of Kersey. Seeley Reservoir has a decreed capacity of 1,543 acre-feet. The proposed project will re-establish the physical capacity to this decreed volume. The water stored in the reservoir is used to provide supplemental irrigation supplies to the Ogilvy Ditch service area. Stored water is also used to provide augmentation water for the Ogilvy Augmentation Company, whose members own wells that provide irrigation water within the same service area.

This project will recover 356 acre-feet of reservoir storage space that has been lost to sedimentation deposition over many years. New water storage sites have been considered, but would be limited to about 100 acre-feet of capacity. Sedimentation of Seeley Reservoir resulted largely because of the high inflows running through the steep inlet channel above the reservoir. The Colorado Department of Transportation completed major improvements to the Seeley Reservoir inlet channel at State Highway 392 in 2011 which substantially, if not fully, mitigated the conditions causing the erosion within the inlet ditch which generated the sedimentation impacting Seeley Lake. It is expected that the recurrence of sedimentation will be limited. Construction is scheduled for the fall of 2018. Funding will come from a Water Plan Grant and CWCB loan.





## Water Plan Grant Application



L O C A T I O N	
County/Countries:	Huerfano
Drainage Basin:	Arkansas

D E T A I L S	
Total Project Cost:	\$6,821,000
Water Plan Grant Request:	\$804,000
Other CWCB Funding:	\$6,017,000
Other Funding Amount:	\$0
Applicant Match:	\$6,017,000
Project Type(s):	Construction
Project Category(Categories):	Storage, Supply & Demand Gap
Measurable Result:	120 acre-feet of new storage

Walsenburg's City Lake Dam is currently under a reservoir storage restriction and a mandatory dam safety compliance plan imposed by the Dam Safety Branch of the Office of the State Engineer. RJH Consultants, Inc, has determined, through a number of previously completed investigations and analyses, that the most cost-effective rehabilitation option is to completely remove the existing dam and build a new dam, that meets all current dam safety design criteria, in the same location as the existing dam. The City, in conjunction with other local water users and entities who will have shared access to the new storage, has the desire to raise the existing dam height by three (3) vertical feet and create approximately 120 acre-feet of new and additional storage in the reservoir. The Water Plan grant funding will be used for the design, permitting and construction of the three-foot dam height raise.

