



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

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TO: Colorado Water Conservation Board Members

FROM: Rachel Pittinger, P.E., Project Manager
Kirk Russell, P.E., Finance Section Chief

DATE: September 19-20, 2018 Board Meeting

CONSENT AGENDA: 4a - Change to Existing WSRF Grant
City of Lamar - Repurposing of Wells 12 and 13

Introduction

At the September 2015 Board meeting, the Board approved a \$161,625 Water Supply Reserve Fund grant to the City of Lamar (City) for the Repurposing of Wells 12 and 13 (Project). These wells were originally a potable water supply until they were taken out of service due to reclassification of both wells as Ground Water Under Direct Influence of Surface Water. A 2014 Feasibility Study concluded it was possible to redevelop the wells for non-potable irrigation use. The repurposed water will be used for non-potable municipal application, including irrigation of a City-owned cemetery and the golf course; both are currently watered with a combination of potable and non-potable water.

The WSRF grant and a \$101,000 CWCB loan were approved for work specifically related to Wells 12 and 13. The grant includes these wells and the associated infrastructure needed to tie the wells into the existing irrigation pipeline system. The original estimate was determined based on tasks required to rehabilitate and connect the wells including cleaning and bailing, installing new pumps, constructing new transmission lines to connect the wells to the existing system.

This Project is nearly complete. The total project cost was estimated at \$400,000 with the assumption a general contractor would complete the improvements. The City chose to self-perform the work that resulted in a total project cost of \$215,000. The WSRF grant funds remaining are \$75,887.56. Because the project costs are lower than the original estimated amount, the City requests a change to the Project scope of work to include additional improvements directly related to the City's water supply and non-potable water irrigation system. These additional tasks related to the City's irrigation system and well field include installation of site piping for Wells 1 and 3, installation of a pump for Well 47 and installation of bypass site piping for the open water reservoir. CWCB staff believes this additional work is within the original intent of the WSRF grant, namely to improve the City's use of potable and non-potable water. However, as the grant is specific to Wells 12 and 13, staff requests the Board formally approve the additional work items in the Project.

No change is requested in the approved grant funding amount.

Staff Recommendation

Staff recommends the Board approve expanding the scope of the Repurposing of Wells 12 and 13 Project to include improvements to other wells and pipelines that will also improve the City's water supply and non-potable water irrigation system.

