

MEMORANDUM

TO: Ben Wade, CWCB

CC: Rick Clark, East Cherry Creek Valley Water and Sanitation District

FROM: Arista Shippy, DiNatale Water Consultants

SUBJECT: Water Efficiency Grant Fund
East Cherry Creek Valley Water and Sanitation District Water
PO#: POGGI PDAA 201800000776
50% Progress Report

DATE: May 4, 2018

via e-mail

DiNatale Water Consultants has prepared this 50% Progress Report in partial fulfillment of the Water Efficiency Grant that was awarded to East Cherry Creek Valley Water and Sanitation District (ECCV or District) in support of the development of its updated Water Conservation Plan – see the above referenced purchase order number. This report summarizes portions of the Water Conservation Plan Project that have been completed, challenges that have developed, and the remaining activities to complete ECCV's Water Conservation Plan Project. ECCV does not anticipate a change in the Project budget; however, the project schedule has been slightly revised based upon the work completed.

Work Completed

To date, DiNatale Water Consultants and ECCV have completed the following tasks outlined in the Water Conservation Plan Grant Scope of Work:

- Participated in regular communications and meetings in April between ECCV staff and DiNatale Water Consultants, conducted conference calls and GoToMeetings once to twice per week.
- Updated the profile of the existing system and proposed facilities including:
 - The geography and demographics of the District and the population served,
 - The history of the development of the District's water system including the Northern Water Supply Project and the Denver Project based on changes over the past seven years,
 - The District's ability to serve its customers.
 - Task 1 is 95% complete.

- Profiled ECCV's current and historical water demand and use by customer class.
This work included:
 - Analyzing the past 5 – 10 years of water use by customer class, both potable and non-potable,
 - Updating and discussing the annual water production, peak day demand, non-revenue water and per capita water demands,
 - Updating charts and tables with data through 2017.
 - Task 2 is 85% complete.
- Updated ECCV's existing water conservation programs and activities including water rate structures, large irrigator meetings, high efficiency appliance and fixture rebates. Task 3 is 90% complete.
- Worked with ECCV to update water conservation goals, identify potential additional conservation measures and screen existing and potential conservation measures for implementation. Task 4 is 70% complete.
- Worked with ECCV to determine demand forecasts based on baseline demands, climate change factors, the current conservation program and various levels of conservation programs.
- Initiated estimates of water savings for ECCV based upon the selected water efficiency activities for this Water Conservation Plan Project implementation period. Task 5 is 50% complete.
- Initiated updates on potential impacts of various water conservation measures and programs. Task 6 is 50% complete.
- The completion of this 50% Progress Report.

Major Findings

ECCV staff have been engaged throughout the development of the Water Conservation Plan and the new ECCV Water Efficiency Specialist has provided valuable input on current and future water conservation measures. Over the past seven years ECCV has met the goals it set for water conservation. The current focus of the Water Conservation Plan Project is to finalize the measures that will continue to ensure the current levels of conservation as well as promote water efficiency.

Challenges

Minor scheduling challenges have occurred during the first half of this Project. These challenges have only caused slight delays to the project's progress.

Remaining Steps and Anticipated Schedule

To date, the budget estimates for each step have been fairly accurate. ECCV and DiNatale Water have completed an initial draft of the Water Conservation Plan. ECCV will present the initial draft to its Board of Directors by the second week of May 2018. Based upon the outcome of the Board of Directors meeting, the public review and comment period will likely take place between mid-May and mid-July, such that the final Plan can be prepared for submittal to the CWCB by July 10, 2018, depending on the comments received.

DiNatale Water Consultants and ECCV anticipate preparing the 75% Progress Report to the CWCB by the 25th of May 2018. Thank you for your support and funding of ECCV's Water Conservation Plan Project.

Please contact me if you have any questions.

Sincerely,

Arista Shippy
DiNatale Water Consultants