

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
75% Progress Report

DATE: May 25, 2018

via e-mail

DiNatale Water Consultants has prepared this 75% 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 May between ECCV staff and DiNatale Water Consultants, conducted conference calls and GoToMeetings once to twice per week.
- Completed updating the profile of the existing system and proposed facilities including:
 - 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, and
 - The District's ability to serve its customers.
 - Task 1 is 100% complete.

- Completed profile of ECCV's current and historical water demand and use by customer class. This work included:
 - Creating chart of annual and monthly demand by customer class,
 - Updating charts and tables with data through 2017.
 - Task 2 is 100% complete.
- Completed update of ECCV's existing water conservation programs and activities including water rate structures, large irrigator meetings, high efficiency appliance and fixture rebates. Conducted analysis of water savings from current water conservation programs and included chart and discussion of savings. Task 3 is 100% complete.
- Completed update of ECCV's water conservation goals, identify potential additional conservation measures and detailed screening process for existing and potential conservation measures for implementation. Task 4 is 100% complete.
- Collaborated with ECCV to complete their demand forecasts based on baseline demands, climate change factors, the current conservation program and various levels of conservation programs.
- Used the AWE Conservation Tracking Tool to determine estimates of water savings for ECCV based upon the selected water efficiency activities for this Water Conservation Plan Project implementation period. Task 5 is 90% complete.
- Used the AWE Conservation Tracking Tool to complete updates on potential impacts of various water conservation measures and programs. Included savings from reduced energy costs, selling infrastructure capacity, and looked at cost of conservation effort on a per acre-foot basis. Task 6 is 90% complete.
- Updated the ECVC Implementation and Monitoring Plan. Included the role of conservation in ECCV's supply planning, compliance with state planning requirements, the plan approval process with the ECCV Board, and initiated the public comment process. Task 7 is 70% complete.
- The completion of this 75% 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. ECCV's proposed conservation and efficiency efforts are estimated to maintain the current level of conservation with continued public education and outreach as a main focus.

Challenges

Minor scheduling challenges have continued to occur with the project. The main challenge being posting a draft of the Conservation Plan on the ECCV website for public comment. The Draft Plan is now available for public comment and the rest of the Plan completion is on schedule.

Remaining Steps and Anticipated Schedule

To date, the budget estimates for each step have been fairly accurate. ECCV and DiNatale Water have completed a final draft of the Water Conservation Plan. ECCV will present the final draft to its Board of Directors by the second week of June 2018 for their official approval. The public review and comment period began on May 23rd and will run through July 21st. The preliminary final draft will be submitted to CWCB by July 10, 2018 for review and the final report including any public comments and edits based on public comments and feedback from CWCB will be submitted as soon as those comments are received and processed, likely by the end of July or mid-August.

DiNatale Water Consultants and ECCV anticipate submitting the ECCV Conservation Plan to the CWCB by the 10th of July 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, EI
DiNatale Water Consultants