

PROGRESS REPORT - 75% PLAN COMPLETION

PREPARED FOR: Colorado Water Conservation Board
Cherokee Metropolitan District
Water Conservation Plan

March 24, 2015

Contract Agreement Number: PO PDAA 20150000000000000006

TO: Ben Wade
FROM: Conner Burba, EI

1.0 INTRODUCTION

This progress report is submitted on behalf of the Cherokee Metropolitan District (CMD) for the 2015 Water Conservation Plan funded under the Water Efficiency Grant Program. CMD's previous Water Conservation Plan was adopted in 2007. A previous progress report was submitted when the Water Conservation Plan was at 50% completion on October 29, 2014. Currently, the plan is at 75% completion. The following outlines the progress made on the 2015 Water Conservation Plan.

2.0 OVERALL PROGRESS WITH PREVIOUSLY IDENTIFIED GOALS AND OBJECTIVES

Forsgren Associates is under contract with CMD to help develop the 2015 Water Conservation Plan. Forsgren is nearing completion of the draft 2015 Water Conservation Plan to be submitted for public/stakeholder feedback. A meeting was held with CMD to evaluate water conservation measures the district was interested in pursuing. The information gathered at this meeting was then presented to the District's Board of Director's (Board) on March 10, 2015 for approval. Board members provided valuable feedback on the proposed water conservation measures following this meeting.

The Water Conservation Plan introduction, which includes a description of the service area, general description of CMD's water supply and water system, and additional background information has been finalized for review. In addition, the profile of the existing water supply system, profile of water demands and historical demand management, summary of water efficiency activities, benefits and goals, and a near complete implementation and monitoring plan have been completed for public review. Forsgren is currently working on completing the remaining sections to complete the draft.

The successes of prior water conservation measures have been evaluated and recommended measures have been documented. Utilizing multiple resources, including previously implemented water conservation plans as well as the Guidebook of Best Practices for Municipal Water Conservation in Colorado provided by Colorado WaterWise, a comprehensive list of 15 feasible alternatives has been developed and discussed with CMD and the CMD Board. A detailed spreadsheet of what is involved in each of the alternatives, as well as the potential water savings, implementation strategies, and program costs was developed to assist in the development of the associated sections in the report.

3.0 OBSTACLES ENCOUNTERED

Through our preliminary analysis of the current water system and the various water conservation measures to consider, there have been no obstacles that have been encountered that have prevented our analysis and development of the 2015 Water Conservation Plan.

4.0 PRELIMINARY FINDINGS AND ACCOMPLISHMENTS

An in-depth look at the feasible alternatives has been conducted by Forsgren. These have been described in detail and include the benefits associated with each, the goals of the various water conservation measures, anticipated costs and anticipated water savings. From this data, Forsgren has developed a recommended set of water conservation measures that is anticipated to reduce overall water use within the CMD service area by 3 to 5 percent. Forsgren has met with CMD and the CMD Board and reviewed the various water conservation options. CMD and the CMD Board provided Forsgren with the preferred water conservation measures they would like to pursue. The feedback provided will allow Forsgren to complete the Draft 2015 Water Conservation Plan.

5.0 POTENTIAL NEED FOR REVISION TO SCOPE AND TIMELINES

Recently, Conner Burba at Forsgren spoke with Ben Wade regarding the original schedule that was proposed and requested an extension on the schedule to allow CMD to present the recommended water conservation measures to the CMD Board and gain approval for future implementation. The revised schedule is provided on the following page.

| Milestone Activity | Previous Milestone Date | Revised Milestone Date |
|--|-------------------------|------------------------|
| Notice to Proceed | 7/22/2014 | 7/22/2014 |
| Draft Water Conservation Plan | 11/21/2014 | 4/7/2015 |
| Submit Draft for Public/Stakeholder Feedback | 11/21/2014 | 4/7/2015 |
| Submit 50% Progress Report to CWCB | 10/24/2014 | 10/29/2014 |
| Public/Stakeholder Feedback Deadline | 1/9/2015 | 5/7/2015 |
| Presentation to District Board | 1/13/2015 | 5/12/2015 |
| Submit 75% Progress Report to CWCB | 1/22/2015 | 3/24/2015 |
| Feedback Review Meeting | 1/23/2015 | 5/21/2015 |
| Final Water Conservation Plan | 2/13/2015 | 6/4/2015 |

Please feel free to contact me (720-214-5884) or Jason Broome (801-364-4785) with any questions regarding the 2015 Water Conservation Plan.

Sincerely,



Jason Broome, P.E.
Project Engineer