



NORTH TABLE MOUNTAIN WATER AND SANITATION DISTRICT

14806 WEST 52ND AVENUE, GOLDEN, COLORADO 80403-1228

November 15, 2011

Ms. Taryn Hutchins-Cabibi  
CWCB  
Office of Water Conservation and Drought Planning  
1313 Sherman Street, Room 721  
Denver, CO 80203

Re: Water Efficiency Program 50% Complete Progress Report

Dear Ms. Hutchins-Cabibi,

The North Table Mountain Water and Sanitation District (NTM) is grateful for the Water Efficiency Grant awarded by the CWCB. This document serves as our 50 percent progress report.

Project Status

NTM has completed approximately 50% of the tasks listed in the Water Efficiency Grant. The tasks outlined in the program were selected from the NTM Water Conservation Plan.

Table 1 shows the percent complete by task as of November 15, 2011. We will commence the actual leak detection service this month. The remaining conservation activities will be completed next year.

**Table 1: Task and Project Percent Complete Status**

Task	Percent Complete
Sonic Leak Detection	44%
Landscape Regulations	80%
Irrigation Audit Pilot Program	40%
<b>TOTAL PROJECT PERCENT COMPLETE</b>	<b>54%</b>

Preliminary Accomplishments

NTM is pleased to inform the CWCB of the numerous accomplishments that have already been achieved as a result of the Water Efficiency Grant Program. This work has provided an important opportunity to integrate water conservation into our operations and planning by taking significant measures to conserve. This program has also allowed us to engage our largest water users. We have been able to take significant measures that will reward us with future water savings, such as develop regulations requiring developers to install water efficient irrigation and landscaping, create a pilot leak detection program to find and repair leaks and provide consultation to the larger water users to help minimize water use.

We have also spent a significant amount of time determining where the weak spots may be in our system by mapping out the break history, age and material of the pipe in our system. This has helped us to better understand the water network and where potential water savings could be realized by monitoring the susceptible sections of main for leaks.

This program has allowed us to enact regulations that will require new development to be efficient with their use of water. For example, larger developments are now required to have soil amendment and approved landscape and irrigation plans that meet water efficiency criteria.

#### Obstacles Encountered

One of the tasks involved examining the water system to determine where the most vulnerable areas are located. This involved a large study, compiling and recording data that entailed much research such as; examining archived files and plans to research pipe age and material. An unexpected amount of mapping was also required. While the resulting data is extremely useful, this required a significant amount of unanticipated investigative work. However, we do not anticipate that we will need to adjust our task budgets.

#### Scope and Timeline Revisions

North Table Mountain is on track to complete the tasks on time as outlined in the Grant. We anticipate that the items proposed in the grant will be completed within the project budget according to the current grant schedule.

Thank you again for the CWCB's support. Please let me know if you have any questions or if you would like additional information.

Sincerely,

Wendy M Weiman  
Project Engineer