



1.0 Profile of Existing Water Supply System

This section provides an overview of the provider's existing water supply system, supply reliability, system limitations and challenges and historical supply-side water efficiency efforts.

1.1 Overview of Existing Water Supply System

Objective: Provide a description of the existing water supply system and service area.

1.2 Water Supply Reliability

Objective: Provide an overview of the existing water supply reliability.

1.3 Supply-Side Limitations and Future Need

Objective: Identify water supply system limitations, future needs and planned actions to address these limitations and needs. This information will be useful in determining how water efficiency efforts could further address some of these limitations and future needs in Step 3.

2.0 Profile of Water Demands and Historical Demand Management

This section provides an overview of the historical water demand trends as well as the influence of historical water demand management on water use and forecasted future water demands. This is a data intensive section where graphs and charts are encouraged.

2.1 Demographics and Key Characteristics of the Service Area

Objective: Provide information on descriptions of customer categories, on service area population and other information such as demographics and housing stock age.

2.2 Historical Water Demands

Objective: Provide an overview on historical water demand data.

2.3 Past and Current Demand Management Activities and Impact to Demands

Objective: Summarize past and current demand management activities, goals and projected savings. Discuss how demand management activities and other factors have impacted historical water use.

2.4 Demand Forecasts

Objective: Provide demand forecasts assuming no modifications to the currently implemented demand management activities.



3.0 Integrated Planning and Water Efficiency Benefits and Goals

This section focuses on the role that water efficiency plays in the water provider's water supply planning efforts. Information is presented on the provider's water supply planning efforts, future capital improvements, the anticipated benefits of the water efficiency plan and water efficiency goals.

3.1 Water Efficiency and Water Supply Planning

Objective: Summarize water supply system challenges/limitations and introduce current water supply planning efforts such as future water acquisitions and capital improvements. Describe how water acquisitions and/or capital improvement modifications could be made as a result of demand reductions through enhanced water efficiency activities.

3.2 Water Efficiency Goals

Objective: Develop a set of qualitative and quantitative water efficiency goals that are appropriate for the provider's water supply system and designed to achieve the water efficiency benefits illustrated in Template Section 3.1. These goals will be used in the screening and evaluation processes outlined in Step 4 and development of the goals can be an iterative process between Steps 3 and 4.

4.0 Selection of Water Efficiency Activities

This section presents the water efficiency activities selected for implementation and describes the processes used to identify, screen, and evaluate each of these activities. As discussed in Guidance Document Section 4.4, the water efficiency activities are organized into the SWSI Levels Framework to assist providers in prioritizing individual activities.

4.1 Summary of Selection Process

The following subsections include the elements/activities required to be fully considered and evaluated for implementation per C.R.S. 37-60-126 (4).

4.2 Demand Management Activities

Objective: Present the demand management activities selected for implementation. This section focuses on the screening and evaluation results; not the process.

4.2.1 Foundational Activities

Metering

Description of current and planned metering programs. Modifications and/or new metering programs selected as a result of this water efficiency planning effort.



Demand Data Collection and Billing Systems

According to C.R.S. 37-60-126 (4), billing systems designed to encourage water efficiency in a fiscally responsible manner shall be fully evaluated. This may include improvements/upgrades to the existing billing system to improve data collection.

Water Efficiency Oriented Rates and Tap Fees

Detailed description of the proposed or existing water rate structure and frequency of billing (e.g. inclining block rate structure on a monthly basis). Description of proposed adjustments to water rate structure and/or rates. This may include changes to the water rate structure, frequency of billing and/or a qualitative discussion on anticipated rate increases. Specific rate adjustments may also be provided.

System Water Loss Management and Control

Description of current and planned system water loss management and control programs. Examples of system water loss management and control programs include: system-wide water audits; investigation of apparent losses; leak detection and repair programs; and water line replacement programs.

4.2.2 Targeted Technical Assistance and Incentives

Objective: Detail the Targeted Technical Assistance and Incentive activities selected for implementation. Targeted Technical Assistance and Incentives cover various actions providers and customers can do to improve water efficiency. This can include the installation of water efficient fixtures and appliances, low water use landscapes, water efficient commercial and industrial water using processes, water efficiency incentives and re-use systems.

4.2.3 Ordinances and Regulations

Objective: Detail the regulatory activities selected for implementation. Ordinances and Regulations consist of locally adopted policies that encourage water efficiency. Common ordinances and regulations include water wasting policies and water restrictions.

4.2.4 Education Activities

Objective: Detail the education and outreach programs selected for implementation. Education activities primarily educate the public on the benefits of water efficiency, inform customers on how they can reduce water usage, and publicize water efficiency activities the provider is implementing.



5.0 Implementation and Monitoring Plan

This section addresses the activities and coordination necessary to implement the water efficiency plan and monitor the overall effectiveness of the water efficiency plan.

5.1 Implementation Plan

Objective: Discuss the actions, timeline and coordination necessary to implement the selected water efficiency activities.

5.2 Monitoring Plan

Objective: Describe the data collection and assessment activities necessary to monitor the effectiveness of the water efficiency plan. See Guidance Document Section 4.5.2 for additional information.

6.0 Adoption of New Policy, Public Review and Formal Approval

This section addresses the public review and formal adoption process. See Guidance Document Section 4.6 for information on the general procedures necessary for State approval. Information is also provided on the maintenance and anticipated update of the Plan.

6.1 Adoption of New Policy

Objective: This section identifies proposed policy as a result of the new water efficiency plan. This may include new ordinances and regulations as well as the mechanism of enforcement. If a plan does not include the development of any new policy, this section does not need to be included in the plan.

6.2 Public Review Process

Objective: This section summarizes the public's role in development of the Plan. A public review process is required for all State approved plans per C.R.S. 37-60-126 (5).

6.3 Local Adoption and State Approval Processes

Objective: Briefly summarize the formal process for Plan adoption.

6.4 Periodic Review and Update

Objective: Summarize the processes that will occur to facilitate the update of the Plan and the anticipated timing of Plan updates.