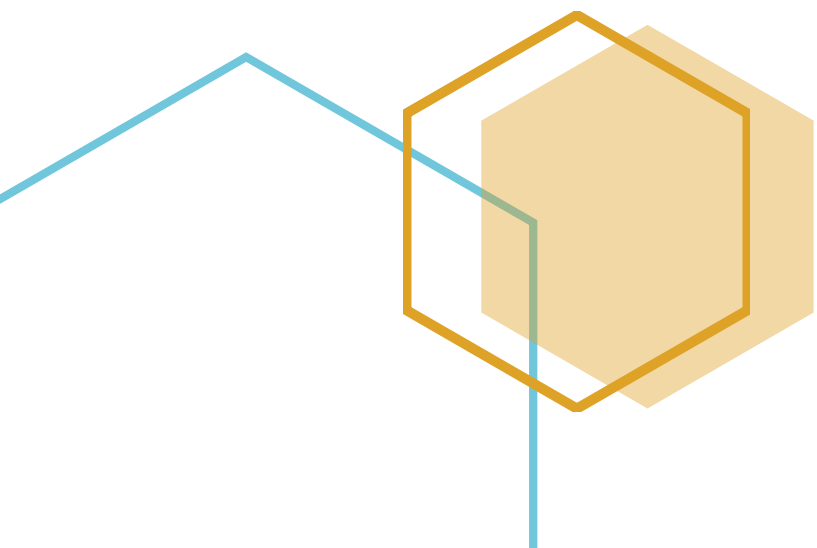




Proposed Framework for Performance Standards for Water Loss

Senate Bill 555, 2015

A brief overview of the proposed framework for performance standards to be determined from 2020-2035 and implemented onward.





Proposed Framework for Performance Standards for Water Loss

Senate Bill 555, 2015

Overview

In February 2019, the State released the proposed framework for performance standards for water loss and is currently engaging with stakeholders through public meetings and workshops regarding the framework. The official rulemaking process is expected to begin in June 2019 with initial performance standards to be adopted in July 2020 and final performance standards to be adopted in 2027. The following is a brief summary of the projected dateline for standards implementation.

Phase 1 – Improved Data Collection and Quality (2020-2022)

During this phase, urban retail water suppliers (URWS) will continue to develop quality data regarding their district water loss through the annual AWWA M36 Validated Water Loss Audit. Through this audit, URWS will be expected to identify gaps in collected data and the types of water loss being experienced (customer meter inaccuracy, operating pressure, district side leaks, etc.). Also required in this phase is that URWS achieve at least a grade 4 for average operational pressure in the annual audit by 2021 and conduct and submit a leakage component analysis in 2022.

Phase 2 – Initial Implementation (2023-2027)

The objective of this phase is to utilize findings from the Component Analysis submitted in 2022, determine suitable interventions and require initiation of feasible and effective strategies through pilot programs. Two additional Component Analysis will also be required during this period. URWS will also have to comply with their urban water use objective with their allowable water loss to be included during this period. Final performance standards for allowable water loss volume will be identified and adopted in 2027 and will be informed by cost curves developed during this phase.

Important Framework Dates

- Phase 1: 2020-2022 – Improved Data Collection and Quality
- Phase 2: 2023-2027 – Initial Implementation
- Phase 3: 2028-2035 – System-Wide Implementation
- Phase 4: 2036 Ongoing Water Loss Control



Phase 3 – System-wide Implementation (2028-2035)

This phase will require URWS's to implement feasible technologies on a system-wide scale to effectively achieve their allowable water loss volumes by 2035. Technologies may include large scale implantation of pressure management, leak control, and infrastructure replacement.

Phase 4 – Ongoing Water Loss Control (2036 Onwards)

From 2036 onwards, URWS's will be required to comply with their final allowable water loss volume on a three-year average basis with a maximum allowed deviation of 5%.

Suggested Methods of Water Loss Control

- Detecting and Locating Leaks
- Efficient Responses to Reported Leaks
- Reducing Operational Pressure and Pressure Variations
- Prioritizing Infrastructure Replacement