Level 1 Validation Certificate

WSO

This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 8/28/2018

Water Supplier

Supplier Name: City of Westminster

Supplier Participants:

Becky Rodstein, Administrative Analyst

Scott Miller, Water Superintendent

Paul Kalix, Supervisor of Production

Roberto Anaya, Foreman Production

Billy Tran, Foreman Operations

Validator

Validator: Reinhard Sturm, Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from the AWWA California Nevada Section

Key Audit Metrics

Data Validity Score:	75	
ILI:	0.8	
Real Loss:	10.38	gal / conn / day
Apparent Loss:	6.81	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	2.0%	

Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here.

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name:	City of Westminster
Water Supplier Public Water System ID:	3010064
Water Audit Period:	CY 2017

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

The City of Westminster increased its supply meter testing from once a year to twice a year as well as collecting more information about import supply meters. Westminster also worked to improve water main data accuracy in our GIS/Inframap software.

Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print):	Scott Miller
Executive Position:	Water Superintendent
Signature:	Scott Miller
Date	08/29/18