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: 8/11/2020

Water Supplier

Supplier Name:	Yorba Linda Water District
Supplier Participants:	Ariel Bacani, Rosanne Weston

Validator

Validator:	Kevin Burgers, Water Systems Optimization
Validator Qualifications:	Water Audit Validator Certificate from the AWWA California Nevada Section

Key Audit Metrics

Data Validity Score:	75	
ILI:	1.93	
Real Loss:	35.47	gal / conn / day
Apparent Loss:	8.66	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	4.3%	

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. ☒

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:	Yorba Linda Water District
Water Supplier Public Water System ID:	CA3010037
Water Audit Period:	CY19 (January to December 2019)

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.

YLWD conducted volumetric tests of groundwater wells and conducted meter calibration tests; validated the Customer Billing System and Geographic Information System for data accuracy; implemented an aggressive leak detection program to identify and resolve leaks in the distribution system; and routinely evaluated daily SCADA production reports and investigated and resolved anamolies.

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):	Brett R. Barbre
Executive Position:	General Manager
Signature:	
Date	August 31, 2020