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:5/16/2018

Water Supplier

Supplier Name: Fountain Valley

Supplier Participants: Christine Smith, Mark Sprague

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:	65	
ILI:	0.7	
Real Loss:	10.5	gal / conn / day
Apparent Loss:	4.4	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	1.9%	

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:	Fountain Valley
Water Supplier Public Water System ID:	3010069
Water Audit Period:	Calendar Year 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.

Participated in the MWDOC water loss control program with WSO to compile annual AWWA water audit.

Repaired or replaced malfunctioning AMI meters to address apparent losses.

Continued system wide water pipeline condition assessment and leak detection program.

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):	Mark Sprague
Executive Position:	Field Services Manager
Signature:	
Date	August 29, 2018