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: 9/10/2018

Water Supplier

Supplier Name:	City of Benicia
Supplier Participants:	Leo Larkin, William Tarbox, Carrie Wenslawski

Key Audit Metrics

Data Validity Score:	65	
ILI:	3.3	
Real Loss:	57.3	gal / conn / day
Apparent Loss:	10.0	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	4.2%	

Validator

Validator:	Kim Manago, Water Systems Optimization
Validator Qualifications:	Water Audit Validator Certificate from the AWWA California Nevada Section

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:	City of Benicia
Water Supplier Public Water System ID:	4810001
Water Audit Period:	October 1, 2018 _ water loss audit for the 2017 calendar year

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.

Click or tap here to enter text.

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):	Leo Larkin
Executive Position:	Water Superintendent
Signature:	Leo Larkin
Date	10/01/2018