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: 12/30/2020

Water Supplier

Supplier Name:	City of Manhattan Beach
Supplier Participants:	Eric Jensen

Key Audit Metrics

Data Validity Score:	62	
ILI:	0.34	
Real Loss:	4.19	gal / conn / day
Apparent Loss:	7.54	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	3.0%	

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 Manhattan Beach
Water Supplier Public Water System ID:	1910083
Water Audit Period:	July 2019 thru June 2020

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.

AMI (Advanced Meter Infrastructure) Project 2021

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):	Justin Gervais
Executive Position:	Utilities Division Manager
Signature:	
Date	12/30/2020