Level 1 Validation Certificate

FY2019-20

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: 10/15/2020

Water Supplier

Supplier Name:	Coachella Valley Water District – Cove System
Supplier Participants:	Steven Hernandez, Tina Donahue, Glen Lubbe, Luis Sanchez, Irene Martinez, Yesenia Reynoso, Fernando Ruelas, Eric Salazar, William Wise

Validator

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

Key Audit Metrics

Data Validity Score:	86	
ILI:	2.57	
Real Loss:	50.65	gal / conn / day
Apparent Loss:	38.81	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	4.6%	

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:	Coachella Valley Water District
Water Supplier Public Water System ID:	CA 3310001
Water Audit Period:	07/2019-06/2020

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.

Pro-active investigation of accounts with zero consumption through the use of internal reports and a list provided by the consultant WSO.

Low consumption report and procedures were put in place to capture accounts where a meter is possibly failing to register correctly.

Implement internal procedures to replace leaking or failed meters within two weeks of report date.

Pro-active replacement of consumption meters that are 20+ years old.

Pro-active leak detection surveys.

Sampled our domestic consumption meter accuracy.

Source meter testing and calibration.

Randomized customer meter testing.

Reservoir storage tracking

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):	J.M. Barrett
Executive Position:	General Manager
Signature:	
Date	November 19, 2020