# 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

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| Supplier Name: | Coachella Valley Water District – ID08 |
| Supplier Participants: | Steven Hernandez, Tina Donahue, Glen Lubbe, Luis Sanchez, Irene Martinez, Yesenia Reynoso, Fernando Ruelas, Eric Salazar, William Wise |

## Validator

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

## Key Audit Metrics

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| Data Validity Score: | 86 | |
| ILI: | 0.67 | |
| Real Loss: | 451.34 | gal / mile / day |
| Apparent Loss: | 143.88 | gal / conn / day |
| Non-Revenue Water as Percent of Cost of Operating System: | 3.8% | |

## 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.*

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| Water Supplier Name: | Coachella Valley Water District |
| Water Supplier Public Water System ID: | CA 3310048 |
| 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.

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