# 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: | City of Delano |
| Water Supplier Public Water System ID: | 1510005 |
| Water Audit Period: | 7/1/2018 to 6/30/2019 |

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.*

Source meter read manually on a daily basis. Data review performed monthly. Water level storage monitoring is real-time through SCADA. Install meters on unmetered accounts to eliminate flat fee billing and establish appropriate water rate structure based upon metered consumption. Continue to achieve verifiable success in removing manual meter reading barriers. Continue regular meter replacement program. Expand meter accuracy testing. Launch a program of annual auditing of global billing statistics by utility personnel.

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): | Roman Dowling |
| Executive Position: | City Engineer/Public Works Director |
| Signature: | |
| Date | 9/25/2019 |

# 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: 9/18/2019

## Water Supplier

Supplier Name: City of Delano

Supplier Participants: Joe Rojas, Craig Wilson

## Validator

Validator: Sarah Reed-Guy, Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from the AWWA California Nevada Section

## Key Audit Metrics

Data Validity Score: 59

ILI: 5.67

Real Loss: 75.77 gal / conn / day

Apparent Loss: 9.51 gal / conn / day

Non-Revenue Water as Percent of Cost of Operating System: 3.5%

## 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. ☒