# Level 1 Validation Certificate
# CY2019

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: 12/1/2020

## Water Supplier

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| Supplier Name: | City of Oakdale |
| Supplier Participants: | Cody Bridgewater |

## 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: | 67 | |
| ILI: | -3.04 | |
| Real Loss: | -30.83 | gal / conn / day |
| Apparent Loss: | 12.58 | gal / conn / day |
| Non-Revenue Water as Percent of Cost of Operating System: | 2.0% | |

## 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: | City of Oakdale |
| Water Supplier Public Water System ID: | CA5010014 |
| Water Audit Period: | 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.*

In 2018, began full AMR replacement program resulting in: 2018 – replacement of 1000 meters, 2019 – replacement of 800 meters

*In the process of coverting mapping and tracking of mainlines to GIS.*

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): | Cody Bridgewater |
| Executive Position: | Public Works Superintendent |
| Signature: | |
| Date | 11/17/2021 |