Certified Validation Report Template

Part B: Provided by Utility

Utility Provided

Water Supplier Name: City of Manteca **Water Supplier ID Number:** 3910005 **Water Audit Period:** Calendar Year 2018

Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Increased our tracking of Unbilled Unmetered Authorized Consumption
- Replaced 6,000 old water meters
- Continue work towards an AMI water metering network

Certification Statement by Utility 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 Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)	Executive Position	Signature	Date
George Montross	Public Works Deputy Director		9/19/19

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Certified Validation Report

Validator Provided

Part A: Provided by Validator

Audit Information:

Water Supplier Name: City of Manteca PWS ID: 3910005

System Type: Potable Audit Period: Calendar Year 2018

Utility Representation: George Montross

Validation Date: 9/17/2019 Call Time: 8:30 AM Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 63

ILI: 0.91 Real Loss: 90.874 MG Apparent Loss: 52.938 MG

Non-revenue water as percent of cost of operating system: 1.1%

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. ☑

If not, rejected recommendations are included here.

Validator Information:

Water Audit Validator: Chris Hewes Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

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