CAVANAUGH
Stewardship Through Innovation

AWWA Water Audit Level 1 Validation Document

Validator Provided

Audit Information:

Utility: Susanville PWS ID: 1810001

System Type: Potable Audit Period: Calendar 2019 (gap audit to FY transition)

Utility Representation: Erik Edholm (Assistant Engineer for the City)

Validation Date: 6/16/2021 Call Time: 9:00am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 54 Data Validity Band (Level): Band III (51-70)

ILI: 3.32 Real Loss: 60.50 (gal/conn/day) Apparent Loss: 12.10 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 1.9%

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. ☒

Validator Information:

Water Audit Validator: Larry Lewison Validator Qualifications: Contractor for California Water Loss TAP

2019 AWWA Water Audit Level 1 Validation

Water System Name: City of Susanville **Water System ID Number:** CA1810001 **Water Audit Period:** Calendar 2019

Water Audit & Water Loss Improvement Steps:

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

- Repaired all known leaks.
- Replaced older water mains/laterals.
- Developed plans to replace older water mains/laterals.
- Developing a customer meter testing program.
- Developing a source meter volumetric testing and calibration program.

Utility Provided

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 Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Bob Godman	**Acting Public Works Director**		9/8/2021
Executive Name (Print)	Executive Position	Signature	Date