CITY OF Susanville

2017 AWWA Water Audit Level 1 Validation

Water System Name: City of Susanville **Water System ID Number:** CA181001 **Water Audit Period:** Calendar 2017

Utility Provided

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.

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.

Dan Newton	Public Works Director		4/10/19
Executive Name (Print)	Executive Position	Signature	Date

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 2016

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

Validation Date: 3/7/2019 Call Time: 11:00am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 50 Data Validity Band (Level): Band II (26-50)

ILI: 2.42 Real Loss: 44.45 (gal/conn/day) Apparent Loss: 13.29 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 2.2%

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: Drew Blackwell Validator Qualifications: Contractor for California Water Loss TAP