Certified Validation Report Template, Part A: Provided by Validator

WSO

Validator Provided

Audit Information

Water System Name: AWA - Camanche

Public Water System Identification (PWSID)[1]: CA0310021

[1]List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, list those additional PWSIDs in the **Notes** below and describe the water distribution system(s) configuration.

PWSID and Water System Configuration Notes (Provided to Validator by Water System):

Audit Period: CY2020

Validation Date: 8/11/2021

Sufficient Supporting Documents Provided: Yes

Water System Representatives

Andrea Hinton, Rick Ferriera, Joel Mottishaw

Validation Findings & Confirmation Statement

Key Audit Metrics:

Data Validity Score: 53 Data Validity Band (Level): Band III (51-70)

Real Loss: 36 gal / conn / day

Non-revenue water as percent of cost of operating system: 1.5%

Apparent Loss: 6.3 gal / conn / day

ILI: n/a

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: Kris Williams Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Certified Validation Report Template, Part B: Provided by Utility

Utility Provided

Water System Name: AWA-Camanche

Public Water System Identification (PWSID)[2]: CA 0310021

[2]List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, those additional PWSIDs should have been listed in the Notes section on Page 1 by the Validator.

Water Audit & Water Loss Improvement Steps:

1. Steps Taken: *Water System to identify steps taken* ***in the preceding 3 years*** *to increase data validity, reduce real loss, and reduce apparent loss as informed by the annual validated water audit:*

While AWA replaced most of the service laterals in Lk Camanche service area prior to 2015 the meters are still 0-20 yrs old. There is no meter replacement project scheduled nor any bench testing. Leak repair activity is pretty diligent. The redwood tanks have been identified for replacement. They have contracted with two separate firms to conduct a Rate Study as well as a water and wastewater Master Plan. This will help put the rates in place to make the necessary infrastructure changes.

2. 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
Rick Ferriera	Operations and Engineering Manager	Rick Ferriera	9/27/2021