Water Audit Level 1Validation- Validator Review & Certification Statement

Validator Provided

Water System(s) This Audit Covers:

Public Water System Identification (PWSID)[1]: CA 5510012 **Water System Name** Tuolumne Utilities District - Upper Basin

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

Notes (Provided to Validator by Water System):

Audit Period:

Validation Date: 9/8/2021

Water System Representatives: Tony Diaz

Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 60 **Data Validity Band (Level):** Level III

ILI 1.59

Real Loss: 45.62 gal/conn/day

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

Apparent Loss: 5.25 gal/conn/day

Cerification 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: Isabel Szendrey

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

Water Audit Level 1Validation- Water System Certification Statement

Utility Provided

Water System(s) This Audit Covers:

Public Water System Identification (PWSID)[1]: CA **Water System Name** Tuolumne Utilities District - Upper Basin

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

Notes:

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:*

1. Continue to perform Customer/Distribution Meter Bench Testing and utilizing Transit Time Metering
2. Perform Loss Analysis and investigation on known suspected leaking areas in the system.
3. Implement pressure management and analysis of system.

2. Planned Steps (OPTIONAL): *If your audit reflects negative real losses or the cost of non-revenue water is greater than 100% of the operating costs (issues for which your audit will not meet code requirements), you will be asked what steps you are planning in the coming year to address these issues. If you already know what steps you plan to take, you may list them here. If not, please prepare a response within 90 days (23 CCR Section 638.6[a]).*

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
Erik Johnson	District Engineer	EJ	9/24/2021