Validator Provided

Certified Water Audit Level 1 Validation Document

Audit Information:

Water Supplier Name: City of Tehachapi – Water

PWS ID: CA 1510020

System Type: Potable

Audit Period: Calendar Year 2020

Utility Representation: Tyler Napier (Utilities Manager)

Validation Date: 05/24/2021 **Call Time:** 0900 hrs **Sufficient Supporting Documents Provided:** YES

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 72 **Data Validity Band (Level):** Band III (71-90)

ILI: 3.18 **Real Loss:** 217.802 (gal/conn/day) **Apparent Loss:** 34.735 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 2.1 %

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. YES

Validator Information:

Water Audit Validator: Steve Dennis

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

M.E. SIMPSON Co., Inc.

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Water Supplier Name: **City of Tehachapi** **Water Supplier ID Number:** **CA1510020** **Water Audit Period:** **2020**

Water Audit & Water Loss Improvement Steps:

City of Tehachapi Water is committed to utilizing all relative data obtained through their annual water audit to pursue actions intended to reduce system-wide water losses and improve their overall audit data validity grade. The City of Tehachapi replaced all production meters in 2018 which is believed to have improved their master production meter accuracy as reported in their 2019 audit. The new production meters are now approx. 2.5 years old the recommendation was made for the City to establish a program to conduct annual volumetric meter accuracy tests and meter signal calibrations on all master production meters (all production well meters). In recognition of increased real loss data, the City is initiating a customer meter testing program in 2021 which will begin with a sample set of customer meters (with an emphasis on testing all large meters – 3" and above). Recommend consideration to institute an active leak detection 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 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
Mr. Tyler Napier	Utilities Manager		6.2.2021

M.E. SIMPSON Co., Inc.