Validator Provided

Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Water Supplier Name: City of Porterville PWS ID: 54-10010

System Type: Potable Audit Period: Calendar 2020

Utility Representation: David Payne, Michael Knight, Johnathan Pruitt

Validation Date: 9/17/2021 Call Time: 9:00 a.m. Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 73 Data Validity Band (Level): Band IV (71-90)

ILI: 2.43 Real Loss: 35.31 (gal/conn/day) Apparent Loss: 18.87 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 10.5%

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: Richard Relyea Qualifications: Water Audit Validator Certified by the CA-NV Section of the AWWA

MC ENGINEERING

9294 Madison Ave., Orangevale, CA 95662 916-205-6510

Utility Provided

Certified Validation Report Template, Part B: Provided by Utility

Water Supplier Name: City of Porterville Water Supplier ID Number: 54-10010 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

The City of Porterville is continuing their plan of replacing meters as they fail or test inaccurate. The City has a plan to complete their meter replacement program and transform to an AMI read system in the future. The City has also replaced 90% of the flat rate accounts with new meters and the plan is to have all flat rate accounts metered by the end of 2021.

The City is planning to have all customers metered by 2025. The City of also looking to implement a fixed-based meter reading system to accurately track water use and to notify customers of any leaks or water loss on the system.

The City recently purchased calibration and testing equipment for use on their production wells. Due to the pandemic, the testing was delayed but the City is looking to implement additional testing in the future. That information will be included in the water audit for 2021.

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.

David J. Payne	Water Utility Superintendent		9-20-2021
Executive Name (Print)	Executive Position	Signature	Date