Certified Water Audit Level 1 Validation Document

Validator Provided

Audit Information:

Water Supplier Name: City of Pittsburg – Water **PWS ID:** 0710008

System Type: Potable **Audit Period:** Fiscal Year 2018/19

Utility Representation: Deana Cardona (Finance, Billing), Jason Moser (Water Plant Superintendent), Margie Padua (Finance Manager)

Validation Date: 09/19/2019 **Call Time:** 09:30hrs **Sufficient Supporting Documents Provided:** YES

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 67 **Data Validity Band (Level):** Band III (59-70)

ILI: 2.04 **Real Loss:** 29.65 (gal/conn/day) **Apparent Loss:** 5.55 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 5.1 %

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 Pittsburg** **Water Supplier ID Number:** **CA0710008** **Water Audit Period:** **FY 2018/19**

Water Audit & Water Loss Improvement Steps:

City of Pittsburg 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. Please note that the utility's overall Data Validity Grade has notably improved from last year's audit validation. The City of Pittsburg has taken steps to improve the data recording in this reporting year audit. Specifically, volumetric meter accuracy tests was performed on master production meters. Continued recommendation to conduct annual signal calibration tests on master production meters in addition to volumetric testing. Recommend initiating a customer meter testing program for all meters (small and large). Recommend performing annual static pressure surveys throughout all zones. 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
Fritz McKinley	Fritz McKinley		9/21/19
Mr. Fritz McKinley	Director of Public Works		

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