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 2019/20**

Utility Representation: **Deana Cardona (Finance, Billing), Jason Moser (Water Plant Superintendent)**

Validation Date: **11/05/2020** Call Time: **10:30hrs** 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: **2.66** Real Loss: **38.59 (gal/conn/day)** Apparent Loss: **5.81 (gal/conn/day)**

Non-revenue water as percent of cost of operating system: **6.1 %**

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 2019/20**

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 operational efficiency. Please note that the utility's overall Data Validity Grade continues to improve with each year's audit. The City continued to conduct annual meter accuracy tests on their master production meters. In addition, signal calibration tests were conducted on their master production meters as part of a meter maintenance effort. Large customer meter testing program began and is intended to be expanded in the coming year. The AMR conversion project for all customer meters continued and will likely be completed in the next two years. This is resulting in an overall younger meter population. One continued recommendation is to consider instituting 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. Richard Abono	Interim Director of Public Works		11/12/20

M.E. SIMPSON Co., Inc.