CAVANAUGH
Stewardship Through Innovation

AWWA 2020 Water Audit Level 1 Validation – Review Document

Validator Provided

Audit Information:

Utility: Pleasanton PWS ID: 0110008

System Type: Potable Audit Period: Calendar 2020

Utility Representation: Todd Yamello (Utility Planning Manager)

Validation Date: 9/8/2021 Call Time: 12pm Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 64 Data Validity Band (Level): Band III (51-70)

ILI: 2.18 Real Loss: 36.34 (gal/conn/day) Apparent Loss: 13.87 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 5.6%

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: Larry Lewison, Will Jernigan Validator Qualifications: Certified Water Audit Validator (CA)

2020 AWWA Water Audit Level 1 Validation

Water System Name: City of Pleasanton **Water System ID Number:** 0110008 **Water Audit Period:** Calendar Year 2020

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

City performed a water meter accuracy test on its Well 5 groundwater source.

City continued development of a new hydraulic model and associated capacity evaluation. Project is anticipated to be completed in 2021. Project includes the use of pressure transducers throughout the distribution system to help calibrate the water model. This will improve the City's ability to determine average

Utility Provided

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 Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)	Executive Position	Signature	Date
Kathleen Yurchak	Director of Operations + Water Utilities		9.16.21