CAVANAUGH
Stewardship Through Innovation

Water Audit Level 1 Validation – Review Document

Validator Provided

Audit Information:

Utility: Brawley PWS ID: 1310001

System Type: Potable Audit Period: Calendar 2018

Utility Representation: Ricardo Arguellez, Juan Antunez, Tyler Salcido

Validation Date: 9/3/2019 Call Time: 10:30 am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 55 Data Validity Band (Level): Band III (51-70)

ILI: 5.91 Real Loss: 71.08 (gal/conn/day) Apparent Loss: 22.88 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 4.1%

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. ☒

Validator Information:

Water Audit Validator: Larry Lewison, Will Jernigan P.E. Validator Qualifications: Contractor for California Water Loss TAP

2018 AWWA Water Audit Level 1 Validation

Water System Name: City of Brawley Water Treatment Plant Water System ID Number: CA1310001 Water Audit Period:2018

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:

Staff trained in water loss audit validation review process, commercial meters are being added, effluent meter are being calibrated every year, city plans to implement flushing metering.

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
Ricardo Arguellez	Water Plant Supervisor	Ricardo Arguellez	09/13/2019