CAVANAUGH
Stewardship Through Innovation

Water Audit Level 1 Validation - Review Document

Validator Provided

Audit Information:

Utility: South Gate PWS ID: CA1910152

System Type: Potable Audit Period: Calendar 2017

Utility Representation: Chris Castillo (Management), Ron Hernandez (Production)

Validation Date: 8/21/2018 Call Time: 11:30am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

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

ILI: 0.83 Real Loss: 11.47 (gal/conn/day) Apparent Loss: 12.24 (gal/conn/day)

Non-Revenue Water as a Percentage of Operating Costs: 5.5%

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: Larry Lewison Validator Qualifications: Contractor for California Water Loss TAP

2017 AWWA Water Audit Level 1 Validation

Water System Name: City of South Gate **Water System ID Number:** CA1910152 **Water Audit Period:** **Calendar 2017**

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:

Review customer billing data monthly to correct any data errors. Test source meters annually. Monitor system pressure through SCADA and track variable costs.

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.

Chris Castillo	Water Division Manager		8/27/2018
Executive Name (Print)	Executive Position	Signature	Date