CAVANAUGH
Stewardship Through Innovation

2017 AWWA Water Audit Level 1 Validation - Review Document

Validator Provided

Audit Information:

Utility: California-American Water Company Sacramento District-Antelope PWS ID: 3410031

System Type: Potable Audit Period: Calendar 2017

Utility Representation: Jay Burnett (Business Performance Manager), Patrick Pilz (Field Operations Manager), Audie Foster

Validation Date: 8/14/2018 Call Time: 8:30am 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: 2.13 Real Loss: 31.94 (gal/conn/day) Apparent Loss: 5.38 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 4.7%

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 / Jeff Cappadona (support) Validator Qualifications: Contractor for California Water Loss TAP

2017 AWWA Water Audit Level 1 Validation

Water System Name: Sacramento District – Antelope System **Water System ID Number**: 3410031 **Water Audit Period**: **CY2017**

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:

Production meters are read weekly. Service meters are replaced on a length of service schedule based on GO103 rules. Controlled releases of finished water are accounted for by our service crews. District is using AMR meters for customer reads.

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.

S. Audrie Foster	Director Northern Operations		9/24/17
Executive Name (Print)	Executive Position	Signature	Date