CAVANAUGH
Stewardship Through Innovation

2017 AWWA Water Audit Level 1 Validation – Review Document

Validator Provided

Audit Information:

Utility: California-American Water Ventura District PWS ID: 56100140/5610081

System Type: Potable Audit Period: Calendar 2017

Utility Representation: Jay Burnett (Business Performance Manager), Chris Mattis (Operations Manager), Margaret Hunter

Validation Date: 7/30/2018 Call Time: 8:30am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 72 Data Validity Band (Level): Band IV (71-90)

ILI: 2.03 Real Loss: 44.27 (gal/conn/day) Apparent Loss: 9.08 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 7.8

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: Drew Blackwell / Larry Lewison (support) Validator Qualifications: Contractor for California Water Loss TAP

2017 AWWA Water Audit Level 1 Validation

Water System Name: Ventura County District **Water System ID Number**: 56100140/5610081 **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:

All production meters are tested annually. All service meters 6 inch and larger are tested annually. In addition, 4 inch meters are tested every two years, 3 inch meters are tested every 3 years and 2 inch and 1.5 inch meters are tested every 4 years. Production meters are read weekly. The Ventura County District is currently replacing all its direct read meters with AMR/AMI meters. In 2017, the District began the initial stage of a leak detection project in conjunction with the California Energy Commission.

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.

Christopher Mattis	Director of Operations	Christopher J Mattis	8-7-18
Executive Name (Print)	Executive Position	Signature	Date