CAVANAUGH
Stewardship Through Innovation

2018 Water Audit Level 1 Validation – Review Document

Validator Provided

Audit Information:

Utility: Vista Irrigation District PWS ID: CA3710027

System Type: Potable Audit Period: Fiscal Year 2018-2019

Utility Representation: Brent Reyes

Validation Date: 9/19/2019 Call Time: 10:30 am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 74 Data Validity Band (Level): Band IV (71-90)

ILI: 0.64 Real Loss: 14.88 (gal/conn/day) Apparent Loss: 7.14 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 2.2%

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: Vista Irrigation District **Water System ID Number:** CA3710027 **Water Audit Period:** Fiscal Year 2018-2019

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:

The Vista Irrigation District extended its contract with Cavanaugh & Associates to provide water audit validation services.

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.

Brett L. Hodgkiss	General Manager		10/1/2019
Executive Name (Print)	Executive Position	Signature	Date