CAVANAUGH
Stewardship Through Innovation

Validator Provided

2020 Water Audit Validation Review

Audit Information:

Utility: Las Virgenes Municipal Water District PWS ID: 1910225
System Type: Potable Audit Period: Calendar 2020
Utility Representation: Scott Harris, Dave Roberts

Validation Date: 9/2/2021 Call Time: 9:00am 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: 1.02 Real Loss: 31.52 (gal/conn/day) Apparent Loss: 12.96 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 3.5%

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, Will Jernigan Validator Qualifications: Certified Water Audit Validator (CA)

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2020 AWWA Water Audit Level 1 Validation

Water System Name: **Las Virgenes Municipal Water District** Water System ID Number: **1910225** Water Audit Period: **Calendar 2020**

Utility Provided

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding 3 years to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Improved the methodology of data collection and reporting for Water Imported, Billed Metered and Unbilled Unmetered water as well as for collection and calculating of cost data. Plans are in place to begin installation and activation of an AMR/AMI system in 2021.

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.

Joe McDermott	Dir. of Eng./External Affairs	DocuSigned by: Joe McDermott 3A25DD40997A42C...	9/29/2021
Executive Name (Print)	Executive Position	Signature	Date