American Water Works Association
California-Nevada Section

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Validator Provided

Audit Information:

Utility: Rubio Canon Land and Water Association PWS ID: 1910140

System Type: Potable Audit Period: Calendar 2016

Utility Representation: Armando De La Paz, Lisa Yamashita Lopez

Validation Date: 8/7/2017 Call Time: 10AM Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

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

ILI: 1.12 Real Loss: 21.28 (gal/conn/day) Apparent Loss: 4.78 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 1.2%

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: William Elman / Kevin Burgers (support)

Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

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Water System Name: Rubio Cañon Land and Water Association **Water System ID Number: 1910140** **Water Audit Period: Calendar 2016**

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:

In an effort to enhance and control further/future water loss, Rubio will be targeting infrastructure improvements in the following areas:

- Repair(s) and continued inspections on all of its reservoirs; including fixing cracks/leakage pipe and valve inspections.
- Conduct and continue meter testing. All of our meters have been replaced with AMR and are less than 5 years old.
- Conduct transmission line inspections for leak detection.
- Mainline replacements are targeted based on age, # of leaks and condition of pipe.
- Enhance data tracking for production meters and continue efficiency on loss control analysis.

Lisa Yamashita-Lopez	General Manager		9/21/17
Executive Name (Print)	Executive Position	Signature	Date

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.

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