2017 AWWA Water Audit Level 1 Validation

Water System Name: Newhall County Water District **Water System ID Number:** 1910096 **Water Audit Period:** Fiscal Year 2017/18

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:

- Establish organization workgroup to review and manage water loss
- Supply meter testing and calibration
- Customer meter upgrades and replacement to AMR

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.

Steve Cole	Assistant General Manager		09/27/2018
Executive Name (Print)	Executive Position	Signature	Date

CAVANAUGH
Stewardship Through Innovation

Water Audit Level 1 Validation Document

Validator Provided

Audit Information:

Utility: Newhall County Water District PWS ID: 1910096

System Type: Potable Audit Period: Fiscal Year 2017/18

Utility Representation: Matt Dickens, Robert McLaughlin, Mike Avlord, Gil Hermosillo, Kathleen Wilson, Eunie Kang, Cheryl Ann, Kim Grass, Judy Lozano

Validation Date: 9/18/2018 Call Time: 1pm Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 58 Data Validity Band (Level): Band III (51-70)

ILI: 1.88 Real Loss: 44.40 (gal/conn/day) Apparent Loss: 24.29 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 4.4%

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: Will Jernigan, P.E Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP