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: Hillsborough PWS ID: 4110016

System Type: Potable Audit Period: Calendar 2016

Utility Representation: Paul Race (Water Quality Technician), Cary Dahl (Water Supervisor)

Validation Date: 6/28/2017 Call Time: 2pm Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 69 Data Validity Band (Level): Band III (51-70)

ILI: 1.58 Real Loss: 36.49 (gal/conn/day) Apparent Loss: 8.67 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 5.7%

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: Kate Gasner / Brett Snider (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

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Water System Name: Town of Hillsborough

Water System ID Number: 4110016

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 2015 the Town conducted leak detection survey by a third party contractor. The results of this survey found three leaks of which zero were confirmed as actual leakage. Additionally in October 2016 the Town began replacement of all residential water meters with an (AMI) Advanced Metering Infrastructure system.

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.

Daniel Gonzales	Deputy Director of Public Works		10/11/2017
Executive Name (Print)	Executive Position	Signature	Date

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