2018 AWWA Water Audit Level 1 Validation

Water System Name: City of San Fernando **Water System ID Number:** **CA** 1910143 **Water Audit Period:** 2018

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:

-Complete a written policy for 15 year water meter replacement program.

-Connect all Well line meters with to SCADA water system for water Supplied Accuracy.

-GIS mapping for length of water mains.

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.

Alejandro Mendez	Interim Superintendent	ALEX M.	9-10-19
Executive Name (Print)	Executive Position	Signature	Date

CAVANAUGH
Stewardship Through Innovation

2018 AWWA Water Audit Level 1 Validation - Review Document

Validator Provided

Audit Information:

Utility: San Fernando PWS ID: CA1910143

System Type: Potable Audit Period: Calendar 2018

Utility Representation: Sandra Soto (Finance)

Validation Date: 6/6/2019 Call Time: 8:00am Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 48 Data Validity Band (Level): Band II (26-50)

ILI: 2.09 Real Loss: 33.43 (gal/conn/day) Apparent Loss: 15.94 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 3.3%

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: Tory Wagoner, P.E. Validator Qualifications: WAV Certificate Holder