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: Elk Grove Water Service PWS ID: 3410008

System Type: Potable Audit Period: Calendar 2016

Utility Representation: Travis Franklin (GIS Technician), Steve (Water Supervisor), Aaron Hewitt (Water Treatment), Sarah Jones, Jim Malberg (Finance), Bruce Kamilos (Assistant General Manager)

Validation Date: 6/7/2017 Call Time: 2pm Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 50 Data Validity Band (Level): Band III (51-70)

ILI: 1.40 Real Loss: 18.76 (gal/conn/day) Apparent Loss: 5.88 (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 / Carolyn Prescott (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

WSO

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Water System Name: Elk Grove Water District **Water System ID Number:** CA 341008 **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:

Looking into source meter testing to increase data validity.

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.

Mark J. Madison	General Manager		9-26-17
Executive Name (Print)	Executive Position	Signature	Date

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