CAVANAUGH
Stewardship Through Innovation

Water Audit Level 1 Validation - Review Document

Audit Information:

Utility: California-American Water Company Sacramento District-Parkway PWS ID: 3410017

System Type: **Potable** Audit Period: **Calendar 2017**

Utility Representation: **Jay Burnett (Business Performance Manager), Patrick Pilz (Field Operations Manager), Audie Foster**

Validation Date: **8/16/2018** Call Time: **8:30am** Sufficient Supporting Documents Provided: **Yes**

Validation Findings & Confirmation Statement:

Key Audit Metrics: Data Validity Score: **62** Data Validity Band (Level): **Band III (51-70)**

ILI: **1.86** Real Loss: **25.35 (gal/conn/day)** Apparent Loss: **6.89 (gal/conn/day)**

Non-revenue water as percent of cost of operating system: **4.3%**

Validator Provided

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: **Larry Lewison / Jeff Cappadona** Validator Qualifications: **Contractor for Water Loss TAP**

2017 AWWA Water Audit Level 1 Validation

Water System Name: Sacramento District – Parkway System **Water System ID Number**: 3410017 **Water Audit Period**: CY2017

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:

Production meters are read weekly. Service meters are replaced on a length of service schedule based on GO103 rules. Controlled releases of finished water are accounted for by our service crews. District is using AMR meters for customer reads.

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.

S. Audie Foster	Director Northern Operations		9/27/17
Executive Name (Print)	Executive Position	Signature	Date