Certified Water Audit Level 1 Validation Document

Validator Provided

Audit Information:

Water Supplier Name: Golden State Water – Artesia

PWS ID: 1910004

System Type: Potable

Audit Period: Calendar Year 2017

Utility Representation: Richard Mathis, Melynda Holm

Validation Date: 09/7/2018 **Call Time:** 0930hrs **Sufficient Supporting Documents Provided:** YES

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 72 **Data Validity Band (Level):** Band IV (71-90)

ILI: 2.54 **Real Loss:** 30.99 (gal/conn/day) **Apparent Loss:** 8.16 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 7.3%

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.
YES

Validator Information:

Water Audit Validator: John H. Van Arsdel

Validator Qualifications: Certified Level 1 Water Audit Validator.
Certificate issued by the CA-NV Section of the AWWA

M.E. SIMPSON Co., Inc.

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Water Supplier Name: **GSW – Artesia** **Water Supplier ID Number:** **1910004**

Water Audit Period: **Calendar 2017**

Water Audit & Water Loss Improvement Steps:

Golden State Water Company in coordination with each Utility system is actively working with the assistance of an outside contractor to utilize all relative data obtained through their annual water audits to develop a company-wide water loss control program Highly recommend working with water import supplier (CCWD) to conduct annual volumetric meter accuracy testing on all import interconnection meters.. Recommend working with water import supplier on providing connection for real time meter readings. Recommend consideration to institute an active leak detection program.

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 Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)	Executive Position	Signature	Date
Richard Mathis	General Manager, Central District		9/21/18

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