Validator Provided

Certified Water Audit Level 1 Validation Document

Audit Information:

Water Supplier Name: Golden State Water – Artesia

PWS ID: CA1910004

System Type: Potable

Audit Period: Calendar Year 2019

Utility Representation: Ray Burk, Melynda Holm

Validation Date: 08/18/2020 **Call Time:** 1400 hrs **Sufficient Supporting Documents Provided:** YES

Validation Findings & Confirmation Statement:

Key Audit Metrics:

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

ILI: 0.44 **Real Loss:** 5.69 (gal/conn/day) **Apparent Loss:** 7.81 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 3.6 %

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: Steve Dennis

Validator Qualifications: 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:** **CA1910004** **Water Audit Period:** **Calendar 2019**

Water Audit & Water Loss Improvement Steps:

Golden State Water Company has recently completed an effort with an outside contractor to update and develop a company-wide water loss control program. This new program is intended to be implemented by all water systems throughout the company. They have demonstrated a commitment toward the implementation of programmatic efforts aimed at reducing non-revenue water amounts throughout their company. Specific to the Artesia system, it was recognized and discussed that the ILI value for this audit was lower than 1.00 and the cause of this low ILI should be further investigated. One potential source value to investigate further is relative to the meter accuracy value of the imported water connections. It is highly recommended that every effort be made to work with their imported water supplier to get annual volumetric meter accuracy testing done on all import water interconnection meters. It is also recommended that this system place consideration on instituting 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
Mr. Ray Burk	Acting Gen. Manager – Central Dist.	Raymond L. Burk	9/14/20

M.E. SIMPSON Co., Inc.