Level 1 Validation Certificate

WSO

This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 5/16/2018

Water Supplier

Supplier Name:	Joshua Basin Water District
Supplier Participants:	Anne Roman, Randy Mayes

Key Audit Metrics

Data Validity Score:	73	
ILI:	0.7	
Real Loss:	496	gal / mile / day
Apparent Loss:	3.9	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	12.9%	

Validator

Validator:	Kate Gasner, Water Systems Optimization
Validator Qualifications:	Water Audit Validator Certificate from the AWWA California Nevada Section

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. ☒

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name:	Joshua Basin Water District
Water Supplier Public Water System ID:	3610025
Water Audit Period:	01/01/17 – 12/31/17

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

2017 included the most residential meter testing and replacements done in any year for over a decade. All active source meters were testing in 2017. In early 2018, district began water model update. In Spring of 2018, district collected system pressure data. Meter replacement program scheduled to replace 100% of residential meters by 2023.

Certification Statement by Water Supplier 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.

Executive Name (print):	Curt Sauer
Executive Position:	General Manager
Signature:	
Date	08/20/2018