Certified Validation Report Template, Part A: **Provided by Validator**

Validator Provided

Audit Information:

Water System Name: FALLBROOK PUBLIC UTILITY DISTRICT

Public Water System Identification (PWSID)[1]: CA 3710008

[1]List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, list those additional PWSIDs in the **Notes** below and describe the water distribution system(s) configuration.

PWSID and Water System Configuration Notes (Provided to Validator by Water System):

Audit Period: Fiscal Year 2020-21

Validation Date: October 28, 2021 (1pm-2pm)

Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

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

ILI: 1.43 Real Loss: 51.63 (gal/conn/day) Apparent Loss: 12.16 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 4.1%

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. ☒

If not, rejected recommendations are included here:

Validator Information:

Water Audit Validator: Elisa Marrone Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Certified Validation Report Template, Part B: **Provided by Utility**

Utility Provided

Water System Name: FALLBROOK PUBLIC UTILITY DISTRICT

Public Water System Identification (PWSID)[2]: CA 3710008

[2]List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, those additional PWSIDs should have been listed in the Notes section on Page 1 by the Validator.

Water Audit & Water Loss Improvement Steps:

1. Steps Taken: *Water System to identify steps taken* ***in the preceding 3 years*** *to increase data validity, reduce real loss, and reduce apparent loss as informed by the annual validated water audit:*

-Audit incorporated distribution system tank volume differential (beginning of audit period vs end of audit period)
-Metering lag-time correction performed per M36 guidelines and incorporated into Billed Metered Authorized Consumption
-Hired a contractor for leak detection services

2. Planned Steps (OPTIONAL): If your audit reflects *negative real losses or the cost of non-revenue water is greater than 100% of the operating costs (issues for which your audit will not meet code requirements), you will be asked what steps you are planning in the coming year to address these issues. If you already know what steps you plan to take, you may list them here. If not, please prepare a response within 90 days (23 CCR Section 638.6[a]).*

-Investigate more robust leak detection services

3. 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
JACK BEBEE	GENERAL MANAGER		11/24/2021