Certified Validation Report

Part A: Provided by Validator

Validator Provided

Audit Information:

Water Supplier Name: City of Patterson PWS ID: CA5010017

System Type: Potable Audit Period: CY 2018

Utility Representation: Maria Encinas

Validation Date: 10/30/2019 Call Time: 9AM Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 58

ILI: 5.94 Real Loss: 163.022 MG Apparent Loss: 10.640 MG

Non-revenue water as percent of cost of operating system: 3.7%

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: Chris Hewes Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

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Certified Validation Report Template

Part B: Provided by Utility

Utility Provided

Water Supplier Name: City of Patterson **Water Supplier ID Number:** CA5010017 **Water Audit Period:** CY 2018

Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- To help increase data validity, the city will continue to audit all city-maintained and large private accounts for metering inaccuracies.
- The city will improve on maintaining records of unbilled/unmetered consumption, such as hydrant flushing and fire protection water use.
- The city will continue to implement its well production metering calibration test program to ensure metering accuracy.

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
Mike Willett	Public Works Director	Mikael Willett	4-13-20

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