CAVANAUGH
Stewardship Through Innovation

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# 2019 AWWA Water Audit Level 1 Validation – Review Document

**Audit Information:**

Utility: Bakersfield PWS ID: 1510031

System Type: Potable Audit Period: Calendar Year 2019

Utility Representation: Sam Blue, Tylor Hester, Kristina (Kris) Budak – Director, Luda Fishman

Validation Date: 8/4/2020 Call Time: 8:00 am Sufficient Supporting Documents Provided: Yes

**Validation Findings & Confirmation Statement:**

**Key Audit Metrics:**

Data Validity Score: 60 Data Validity Band (Level): Band III (51-70)

ILI: 1.55 Real Loss: 23.73 (gal/conn/day) Apparent Loss: 19.36 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 1.6%

**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. ☒

**Validator Information:**

Water Audit Validator: Drew Blackwell Validator Qualifications: Certified Water Audit Validator (CA)

## 2019 AWWA Water Audit Level 1 Validation

**Water System Name:** **Bakersfield, City of** **Water System ID Number:** **CA1510031** **Water Audit Period:** **Calendar Year 2019**

**Water Audit & Water Loss Improvement Steps:**

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

Increased number of well sites monitored by SCADA, meter replacements, field inspections to monitor for leaks

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

| Executive Name (Print) | Executive Position | Signature | Date |
|---|---|---|---|
| ARTHUR Chianello | WATER RESOURCES Manager | Art Chianello | 9/1/2020 |