American Water Works Association
California-Nevada Section

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Validator Provided

Audit Information:

Utility: Beverly Hills PWS ID: 1910156

System Type: Potable Audit Period: Calendar 2016

Utility Representation: Jack Merluzzo, Vince Damasse, Bob Brandom (consultant), Mike Swan (Consultant), Debbie Figoni, Ni Kinanai (Finance)

Validation Date: 7/13/2017 Call Time: 12:30pm Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 68 Data Validity Band (Level): Band III (51-70)

ILI: 2.10 Real Loss: 33.63 (gal/conn/day) Apparent Loss: 11.08 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 2.7

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. ☒

Validator Information:

Water Audit Validator: Drew Blackwell / Larry Lewison (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

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Water System Name: Beverly Hills **Water System ID Number:** 1910156 **Water Audit Period:** Calendar 2016

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:

- On-going pipeline, pump station, hydrants, and other appurtenances replacements as part of the City's Capital Improvement Program
- Continued maintenance of City's Automated Meter Reading System to ensure meter accuracy, water loss monitoring, and leak detection
- Improve workflow management for better billing practices

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.

Name	Title	Signature	Date
Shana Epstein	Public Works Director		9/25/17

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