Validator Provided

Certified Validation Report

Audit Information:

Water Supplier Name: City of Chino Hills PWS ID: 3610036

System Type: Potable Audit Period: Fiscal Year 2020-2021

Utility Representation: Cheryl Yeamans, Jacob Loukeh

Validation Date: 11/22/21 Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 76 Data Validity Band (Level): Level IV (71-90)

ILI: .45 Real Loss: 8.09 (gal/conn/day) Apparent Loss: 2.23 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 2.1%

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: Mark Wiley Qualifications: Certified AWWA Water Loss Validator

Certified Validation Report

Utility Provided

Water Supplier Name: City of Chino Hills **Water Supplier ID Number:** 3610036 **Water Audit Period:** Fiscal Year 2020-2021

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:

The City conducted a meter audit targeting larger meters and replaced many due to electronic reading failures. Over-age meter replacement is on-going on a 15 year cycle for all size potable meters, with approximately 1,500 meters exchanged during the audit period. Water meters have been installed on all vehicles that use City system water (water trucks, vactors, street sweepers, etc.). The City has an on-going saddle replacement project targeting mild steel corroding saddles and replacing them with brass; this is a major leak point in the distribution system. For the fourth audit in a row, City owned wells are off-line due to the new MCL for TCP. The City is 100% reliant on purchased water from the State, and two neighboring water agencies. A leak audit were performed in the city with only minor deficiencies found.

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
Daniel Bobadilla, P.E.	Director of Public Works and Engineering		11/22/21