2019 AWWA Water Audit Level 1 Validation

Water System Name: City of Lompoc Water System ID Number: CA4210006 Water Audit Period: 2019CY

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:

The main goal of the City of Lompoc and the Lompoc Valley Leak Detection and Repair Project was to reduce water losses. . .Calendar year 2011 was the base year. . .The City's goal was to reduce unaccounted water by 17 %. The Leak Detection and Repair Project tracked unaccounted water in the City. The City's unaccounted water for 2015-2-17 were as follows: 5.5%, 4.7%, and 2.5%. The City's unaccounted for water was 4.4% in 2011. . . Additionally, monitoring for unaccounted water loss is done through SCADA systems in the water department, and reports of water loss by customers and water staff. The SCADA systems have a high-rate-of-discharge alarms which alert staff of large leaks/potential use in the system. The City has also refined significantly, through the AWWA requirements, the ability to account for water. The City also has a robust customer outreach program for residential leaks. This program supports the State's declaration that Conservation is a Way of Life in California. Customer water accounts are monitored, and all spikes in usage result in contact with the customer to discuss the possibility of a leak and offer a leak rebate to pay for plumbing repairs. In 2019 an outside contracted service was brought in to run a performance test on all well production meters as well as the WTP main Influent and Effluent meter. Our internal meter shop also begin a proactive testing procedure, with a target of bench testing and verifying accuracy on 1% of all customer meters every year.

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.

Shaun Ryan	Water Division Superintendent	Shaun Ryan	9/3/2021
Executive Name (Print)	Executive Position	Signature	Date

Utility Provided