



## LWP – Update 2019 Year End

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Prepared By :  
Travis J Miles, President

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## **1. INTRODUCTION**

This Lost Water Plan was developed to provide an outlook and action plan for Suburban to minimize/control its annual water loss as effectively as possibly. The Lost Water Plan was ordered by the Kansas Corporation Commission through Docket No. 13-SUBW-744-CON and requires semi-annual updates, after the initial plan filing until Suburban's water loss percentage is in compliance.

The lost water plan is intended to provide an overview of the methods and processes that Suburban has and will continue to use to effectively monitor and maintain an acceptable amount of lost water.

## **2. BACKGROUND INFORMATION**

Suburban is a privately owned water utility in Basehor, Kansas. Suburban currently provides water service to approximately 1,958 residential/commercial customers, along with wholesale water to Rural Water District #6, #9, and #10 of Leavenworth County, Kansas. Suburban currently has two sources of water supply and is currently developing a third supply within the Kansas River Basin.

## **3. 2018 WATER USAGE DATA**

Suburban for the period from January 1<sup>st</sup>, 2019 through December 31<sup>st</sup>, 2019, produced/purchased a combined total of 185.161 million gallons of water. The total unaccounted for water for 2017 was 17.861 million gallons of water or 10.0 %. The water loss decreased from 2019 vs 2018 due improved system monitor and the repair of water main leaks in the distribution system. Total unaccounted for water declined year over year by ~12 million gallons.

## **4. INSTALLATION OF NEW INFRASTRUCTURE STANDARDS**

Suburban continues to enforce our standards for the installation of all replacement and/or installation of any new infrastructure, throughout our service territory. Those standards include the proper installation, specific manufactures of materials, pressure testing of all new main installations, and proper inspection by Suburban field staff prior to mains being put into service. Suburban believes that these installation standards will ensure the long term stability of our infrastructure and effectively control any new potentials for lost water.

## **5. WATER LOSS GOALS**

Suburban's objective is to maintain an acceptable amount of unaccounted for water ("UFW") on an annual basis, which is at or below the regional and state averages. Suburban's goal is to maintain a lost water percentage at or below 10% as compared to our annual production amounts, including water both pumped and purchased by the company.