



## LWP – Update 2018-2

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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 possible. 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 1,950 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>, 2018 through December 31<sup>st</sup>, 2018, produced/purchased a combined total of 230.79 million gallons of water. The total unaccounted for water for 2017 was 30.01 million gallons of water or 13.0 %. The water loss increased from 2018 vs 2017 due to an existing leak in the distribution system that Suburban has been unable to identify at this time. The leak while is causing an increase in the districts water loss, it has not had any impact on water quality or availability of service to Suburban's customers. Suburban has been in the process over the past 120 days to identify the source of the leak and make the necessary repairs. Suburban has tested ~22 miles of the distribution system to locate the leak and will come to test the remainder of the system until the leak is found and repaired.

## **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.