



## LWP – Update 2015-2

September 30<sup>th</sup>, 2015

Raphael D. Breuer, President  
Travis J. Miles, Vice President

## TABLE OF CONTENTS

1. INTRODUCTION	1
2. BACKGROUND INFORMATION	1
3. 2015 WATER LOSS DATA	1
4. INSTALLATION OF NEW INFASTRUCTURE STANDARDS	2
5. WATER LOSS GOALS	2

## 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 1,733 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.

## 3 2015 WATER LOSS DATA

Suburban for the period from January 1<sup>st</sup>, 2015 through September 30<sup>th</sup>, 2015, has produced/purchased a combined total of 135,124,043 gallons of water. The total unaccounted for water for this time period was 12,956,628 gallons of water or 9.6 %, which is approximately 1.5% below our total unaccounted water for 2014 of 11%.

Month 2015	Water Loss
Jan	13.77%
Feb	9.36%
Mar	12.25%
April	10.31%
May	9.31%
June	8.14%
July	8.15%
Aug	8.66%
Sept	8.29%

\*\* Data for this table is based on a 2% reduction in volumes purchased from BPU, based on the meter accuracy as tested by KRWA.

#### **4 INSTALLATION OF NEW INFASTRUCTURE STANDARDS**

Suburban continues to enforce our standards for the installation of all replacement and/or installation of any new infrastructure, throughout our district. 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 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 district.