



Date Submitted: 5/2/2019

## Water Use Efficiency Annual Performance Report - 2018

WS Name: UNION HILL WATER ASSOCIATION INC      Water System ID# : 90260      WS County: KING

Report submitted by: *Teresa Fowlkes*

### Meter Installation Information:

Estimate the percentage of metered connections: *100%*

If not fully metered - Current status of meter installation:

### Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: \_\_\_\_\_ To \_\_\_\_\_

Incomplete or missing data for the year? *No*

If yes, explain:

### Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	209,131,971 gallons
Authorized Consumption (AC) – Annual Volume	179,724,234 gallons
Distribution System Leakage – Annual Volume TP – AC	29,407,737 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	14.1 %
3-year annual average	10.2 %

### Goal-Setting Information:

Date of Most Recent Public Forum: *03/11/2014*      Has goal been changed since last performance report? *No*

Note: Customer goal must be re-established every 6 years through a public process

### WUE Goals:

Customer Goal (Demand Side):

*The following are the Association's proposed water use efficiency goals. •Achieve a water use reduction of .5 percent per year per ERU through 2018, with 2012 as the base year. This goal will be reevaluated when the water comprehensive plan is updated in 2018. •Reduce distribution system leakage to 10% by 2025.*

### Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

*The following have helped the Association reach efficiency goals:*

- \* All sources and services are metered*
- \* Tiered rate structure encourages customers to conserve*
- \* All non-residential connections are held to a consumption level, if exceeded additional fees are charged*
- \* Conservation tips sent out in regular newsletter*
- \* The Association contributes to conservation education in schools*
- \* The Association provides rebates for qualifying Energy Star Washers*

#### **Additional Information Regarding Supply and Demand Side WUE Efforts**

Include any other information that describes how you and your customers use water efficiently:

*The Associations Water Loss Control Action Plan includes:*

*\* Leak survey: in 2016 a leak detection project was started. By 2020 the entire service area will have been surveyed.*

*\* Service meter replacement program - The replacement of all meters older than 15 years was completed in 2017*

*\* Source Meters: The meters are cleaned on a semi annual basis and have been set up on a calibration schedule.*

*\* Continue to improve the accounting for non-revenue water. These efforts include tighter control on flushing data and better communication with the fire department about their hydrant use.*

**Do not mail, fax, or email this report to DOH**