



Date Submitted: 6/15/2016

## Water Use Efficiency Annual Performance Report - 2015

WS Name: KETTLE FALLS WATER DEPT

Water System ID# : 38400

WS County: STEVENS

Report submitted by: *Joel Gassaway*

### 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: 12/15/2014 To 12/15/2015

Incomplete or missing data for the year? No

If yes, explain:

### Distribution System Leakage Summary:

|   |                     |
|---|---------------------|
| Total Water Produced and Purchased (TP) – Annual Volume                   | 338,424,800 gallons |
| Authorized Consumption (AC) – Annual Volume                               | 333,743,390 gallons |
| Distribution System Leakage – Annual Volume TP – AC                       | 4,681,410 gallons   |
| Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$ | 1.4 %               |
| 3-year annual average   | 1.7 %               |

### Goal-Setting Information:

Date of Most Recent Public Forum: 04/20/2010 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):

*ENABLE OUR LARGEST CUSTOMER OF WATER, AVISTA KFGS, TO UTILIZE PRESENTLY UNUSED SURFACE WATER SOURCE FOR INDUSTRIAL USES DURING PERIODS OF PEAK DEMAND WITHIN THREE YEARS AND REDUCE GROUNDWATER DEMAND ON THE MAXIMUM DAY BY 250 GPM (AS COMPARED TO THE AVERAGE MDD FOR THE SIX YEAR PERIOD 2005-2010)*

### Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

*AVERAGE MAXIMUM DEMAND DAY (MDD) FOR 6-YEAR PERIOD 2005-2010 WAS 2,754,800 GALLONS OR 1,913 GPM.*

*FOR 2015, THE FIRST FULL YEAR THAT AVISTA KFGS USED THEIR OWN SUPPLY FOR INDUSTRIAL PURPOSES, THE MDD WAS 2,325,100 GALLONS OR 1615 GPM WHICH IS A REDUCTION OF 298 GPM.*

*2015 WAS THE FIRST YEAR THAT WE HAVE VERIFIED MEETING OUR WUE GOAL.*

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

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

*THE CITY CONTINUES TO PROVIDE WATER SAVING TIPS AND STRATEGIES TO OUR CUSTOMERS WITH NEWSLETTER MAILINGS AND PAMPHLETS THAT ARE AVAILABLE AT CITY HALL.*

*REPORTED WATER LEAKS IN THE SYSTEM ARE PROMPTLY REPAIRED.*

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