



Date Submitted: 4/16/2015

## Water Use Efficiency Annual Performance Report - 2014

WS Name: PONDEROSA COMMUNITY CLUB INC      Water System ID# : 68417      WS County: CHELAN

Report submitted by: Ken Severance

### 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: 01/01/2014 To 12/31/2014

Incomplete or missing data for the year? Yes

If yes, explain:

*We Were unable to collect the Authorized Consumption (the annual amount of metered water consumed by our users) because we encountered several problems with the meter reading software, meter reading handheld device, and the cables connecting the meter to the reading device.*

### Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	29,330,883 gallons
Authorized Consumption (AC) – Annual Volume	gallons
Distribution System Leakage – Annual Volume TP – AC	29,330,883 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	0.0 %
3-year annual average	%

### Goal-Setting Information:

Date of Most Recent Public Forum: 06/11/2011      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):

*PCC's goal, established on 6/11/2010, will be to reduce water usage per Equivalent Residential Unit (ERU): • By the end of 2017; • From a maximum daily demand (MDD) of 960 gallons per day per ERU, which is the empirical data provided by the WSDOH Design Manual; • To no more than a MDD of 774 gallons per day per ERU, which is based upon current Water Rights limitations that the Ponderosa Community Club intends to operate within.*

### Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

1. In order to meet our goals, we must measure consumption. Meters were installed in 2012, but technical problems with the meter reading software and meter reading device prevented us from capturing the Authorized Consumption. In 2015 we have purchased technical support for our software. In 2015, all meters will be read and we will have data on demand side water consumption.

2. We have source meters on all our wells. Our 2014 production of 29,330,883 gallons was over 100% increase due to six major homeowner leaks, a leaking pressure reducing valve, and the wild land fire which resulted in most homeowners turning on their water and leaving the property, Without these events, we probably would have produced less water than in 2013. 100% of service connections are being metered. We are only able to read 90% of them by using our auto read system. 100% can be read manually.

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

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

*Supplementary Measures PCC will Implement:*

1. *Publish Usage Data to Encourage Efficiency* PCC will publish water usage data by service to the PCC membership, so that peer pressure will result in efficiency. The data will be published within 6 months. Progress as of December 31, 2013: Publishing of water usage data by service was delayed by several problems with the meter reading software, meter reading handheld device, and the cables connecting the meter to the reading device. We plan to publish water usage data to PCC membership by December 31, 2015.

2. *Implement a Rate Structure to Encourage Efficiency if Goals are Not Achieved.* If Measure #1 does not result in the needed usage reductions to meet our efficiency goals after 1 year of publishing usage data, then the Board of Trustees will implement a rate structure for members to pay for water usage. Members will be made aware of this plan.

3. *Customer Leak Education Detection (Indoor Leak Repair)* Educate members to identify and repair leaks in and around their homes. Progress as of December 31, 2014: In 2012, 2013, 2014 we provided information to our members on water saving ideas and leak repair. We will send member-specific information with the individual water usage data which we plan to publish to PCC membership by December 31, 2015.

4. *Provide Water Consumption Statements to Members Which Show Consumption Histor.* PCC will provide consumption history on water consumption statements or with the usage data described in Measure #1. The timetable will coincide with the timetables for Measures #1 and #2, as appropriate.

5. *Place Water Saving Educational Materials on the PCC Website.* PCC have implemented a new link of their website for water saving educational materials for indoor residential use and outdoor use. This was done in 2012. Progress as of December 31, 2013: This was accomplished in 2012. We also posted this information on our community bulletin board, in our community newsletter, and in our CCR.

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