



Date Submitted: 6/24/2011

Water Use Efficiency Annual Performance Report - 2010

WS Name: BYWATER BAY

Water System ID# : 02043

WS County: JEFFERSON

Report submitted by: *Bill Graham*

Meter Installation Information:

Is your water system fully metered? Yes

If not fully metered - Current status of meter installation:

Production, Authorized Consumption, and Distribution System Leakage Information:

12-Month WUE Reporting Period: 01/01/2010 To 12/31/2010

Incomplete or missing data for the year? No

If yes, explain:

Distribution System Leakage Summary:

Total Water Produced and Purchased (TP) – Annual Volume	15,699,870 gallons
Authorized Consumption (AC) – Annual Volume	14,457,770 gallons
Distribution System Leakage – Annual Volume TP – AC	1,242,100 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	7.9 %
3-year annual average	9.6 %

Goal-Setting Information:

Date of Most Recent Public Forum: 12/15/2010 Has goal been changed since last performance report? Yes

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

WUE Goals:

Customer Goal (Demand Side):

*Reduce residential customer demand by 2%
over 6 year planning period (2011 - 2017)*

Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

New goals were set six months ago in the 2011 Water System Plan revision. To date we can not estimate how much water has been saved since our new goals were set (12/15/2010). Currently we are offering outdoor and indoor conservation kits at the office and at local fairs. Annually we submit a conservation flier with helpful tips and topical water resource information. As of 2004 we have provided detailed water use information on customer bills each month to better inform customers of their water usage.

Additional Information Regarding Supply and Demand Side WUE Efforts

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

1) Get all systems under the state 10% leakage standard, and 2) Improve backwash, flushing and fire hydrant accounting. Both of these can be measured via the leakage value. Backwash, flushing and fire hydrant accounting when tabulated will lower leakage and help JPUD get below the state leakage standard (10% or lower).

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