



Date Submitted: 6/21/2011

## Water Use Efficiency Annual Performance Report - 2010

WS Name: DESERT AIRE OWNER ASSN

Water System ID# : 19056

WS County: GRANT

Report submitted by: Christopher Guillen

### 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	216,729,701 gallons
Authorized Consumption (AC) – Annual Volume	195,461,086 gallons
Distribution System Leakage – Annual Volume TP – AC	21,268,615 gallons
Distribution System Leakage – Percent DSL = $[(TP - AC) / TP] \times 100$	9.8 %
3-year annual average	12.2 %

### Goal-Setting Information:

Date of Most Recent Public Forum: 04/11/2008 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):

*Reduce water use consumption per connection from 502 gallons per day to 490 gallons per day.*

### Describe Progress in Reaching Goals:

Customer (Demand Side) Goal Progress:

*In pasted years we have averaged 502 gallons per day usage, last year we had a 462 gallons per day usage. This year we have a 441 average. The Desert Aire Owners Assn. has been sending out conservation tips in our quarterly news letter. We will also help find leaks using amplified listening equipment on our member properties.*

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

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

*We have been replacing service meters as they become due to be change out or as we find meter that are not functioning correctly. The office staff reviews the meter reads to look for meter that are not functioning or running slow. We have also replaced all of our source meters with new magnetic meter and have found that the old meters were registering high by about 92 gallons per minute between all three wells. We have conducted a leak survy by America Leak Detection which has turn out to be very helpful in helping us reach our 10% water loss goal.*

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