

Otay Water District's FY 07 and 08 BMP Reports

Presentation to Board of Directors

December 15, 2008

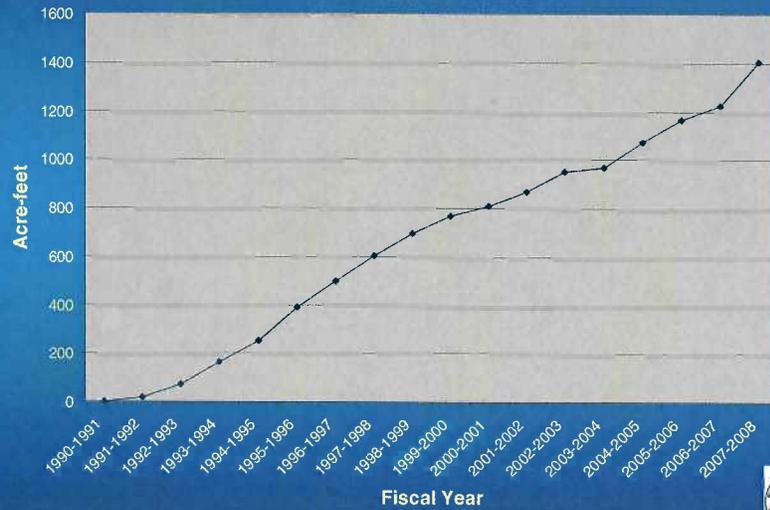


Fourteen Water Conservation BMPs:

- ◆ **BMP 1: Residential Surveys**
- ◆ **BMP 2: Showerhead Retrofit**
- ◆ **BMP 3: System Water Audit**
- ◆ **BMP 4: Metering and Retrofit**
- ◆ **BMP 5: Large Landscape Programs**
- ◆ **BMP 6: Residential High Efficiency Clothes Washer Rebate Programs**
- ◆ **BMP 7: Public Information**
- ◆ **BMP 8: School Education**
- ◆ **BMP 9: Commercial, Industrial & Institutional Programs**
- ◆ ***BMP 10: Wholesaler Programs***
- ◆ **BMP 11: Conservation Pricing**
- ◆ **BMP 12: Conservation Coordinator**
- ◆ **BMP 13: Water Waste Prohibition**
- ◆ **BMP 14: Residential Toilet Replacement Programs**



Otay Water Savings (Acre-feet/year)



Comparison to FY 05 and 06 BMP Reports

- ◆ **Now in compliance on all but 1 BMP: BMP 9 – Commercial, Industrial, and Institutional Water Conservation Programs**
- ◆ **In FY 06, the District was behind schedule on BMPs 1, 5, 9, 11 and 14.**



BMP 1: Residential Water Survey Program

- ◆ **Target: to complete residential water surveys for 15% of SF and MF customers by 2008, or offer program that is “at least as effective as” residential surveys**
- ◆ **District stated that their rebate programs for Cash for Plants, artificial turfgrass and smart irrigation controllers were “at least as effective” as conducting residential surveys**



BMP 3: System Water Loss

- ◆ **Target: system water loss less than 10%**
- ◆ **Water Loss for FY 07: 4%**
- ◆ **Water Loss for FY 08: 6%**



BMP 4: Metering:

- ◆ **Target: meter all connections and retrofit mixed use meters**
- ◆ **District has metered all of its connections and indicated that it has a program (Section 27 of the District's Code of Ordinances) that is "at least as effective" as a mixed meter conversion program**



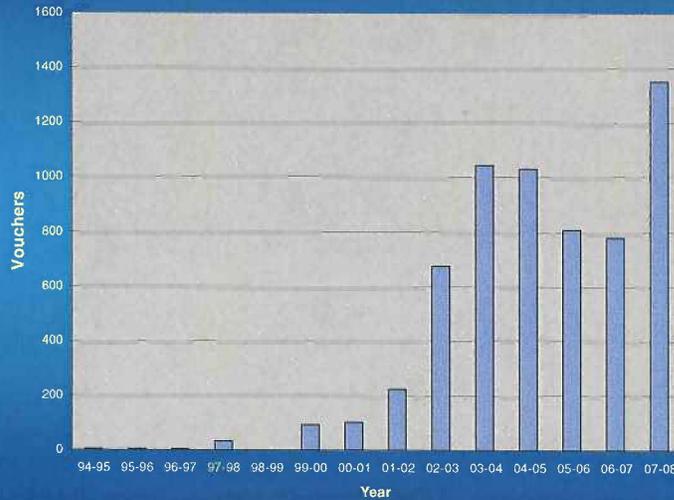
BMP 5: Large Landscape Conservation Programs

- ◆ **Targets: provide water budgets to 90% of the District's 1, 813 irrigation only accounts**
- ◆ **Offer large landscape water audits to the District's mixed use customers**
- ◆ *The District is in compliance with this BMP*



BMP 6: Residential Clothes Washers

HEW Activity FY 95-08



◆ 6,146 HEWs installed since 1994



BMP 9: Commercial, Industrial and Institutional Water Conservation Program

- ◆ *The District is currently behind schedule on this BMP, but expects to make great strides toward meeting this BMP in the future, should the BMP revisions be approved at the December Plenary*
- ◆ *Statewide implementation rate in 2006 was 20%*
- ◆ *The District has a low percentage of commercial buildings constructed prior to 1994; voucher program*
- ◆ *Base year 1997: 8,808 acre-feet*
- ◆ *Base year 2008: 4,268 acre-feet*



BMP 11: Water Conservation Pricing

- ◆ **Target: have a water conserving rate structure for both water and sewer customers**
- ◆ *The District is now in compliance with this BMP*

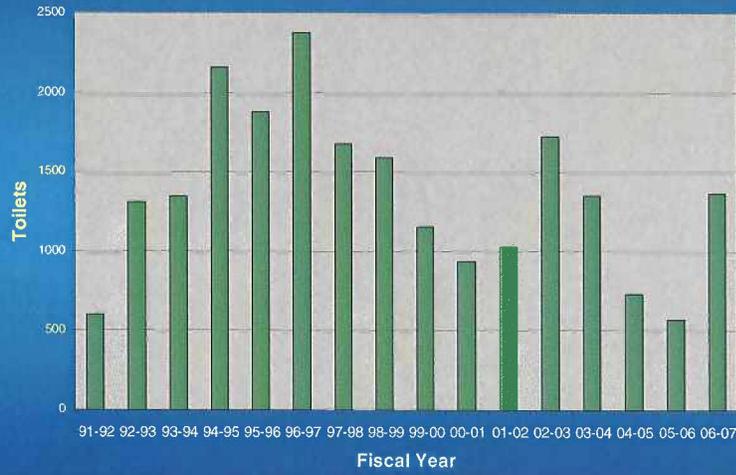


BMP 14: Residential Toilet Replacement Program

- ◆ **Target: replace residential toilets at a rate greater than or equal to a retrofit-on-resale ordinance**
- ◆ *The District is on track to meet the conditions of this BMP*



BMP 14 Activity: 1991 to 2007



◆ Almost 22,000 ULFTs & HETs were installed

