AWU Water Conservation Program Report

April 2010

	Measure Savings		Cost of Savings		Program Participation					FY10 YTD Savings	
	Lifetime Savings (gal)	Peak Day (gpd)	Lifetime Savings ($/1000 gal)	Peak Day Savings ($/gpd)	Current Month April-2010	Current YTD FY2010	Annual Goal	Prior Year April-2009	Total FY2009	Expected Lifetime Savings	Peak Day Gallons
Residential Programs											
Free toilets	83,768	15.3	$ 0.93	$ 5.11	556	818	10,000	1,301	9,185	68,521,815	12,515
Toilet rebates - HET	83,768	15.3	$ 2.57	$ 14.05	440	3,594	3,000	389	4,035	301,060,395	54,988
Clothes washer rebates	54,750	15.0	$ 2.19	$ 8.00	398	2,690	4,200	451	4,396	147,277,500	40,350
Irrigation audits	219,000	500.0	$ 0.48	$ 0.21	58	291	1,000	78	941	63,729,000	145,500
Irrigation rebates	-	-	variable	$ -	3	24	50	9	53	-	-
Rainwater harvesting rebates	144,175	79.0	variable	variable	1	6	20	-	15	865,050	474
Rain barrel rebates	10,038	5.5	$ 4.48	$ 8.18	69	222	-	19	472	2,228,325	1,221
PRV rebates	94,170	56.1	$ 2.13	$ 3.58	-	11	50	-	34	1,035,870	617
Category Total					***1,525***	***7,656***	***18,320***	***2,247***	***19,131***	***584,717,955***	***255,666***
Multi-Family Programs											
Free Toilets	93,623	17.1	$ 0.78	$ 4.28	23	23	3,000	208	2,757	2,153,318	393
Toilet Rebates - HET	93,623	17.1	$ 2.16	$ 11.81	46	6,161	8,000	132	990	576,808,223	105,353
Clothes washer rebates	164,250	45.0	$ 1.04	$ 3.80	-	-	-		-	-	-
PRV rebates	94,170	56.1	$ 2.13	$ 3.58	-	-	10		1	-	-
Category Total					***69***	***6,184***	***11,010***	***340***	***3,748***	***578,961,540***	***105,746***
Commercial Programs											
Free Toilets	158,228	28.9	$ 0.49	$ 2.70	2	2	500	-	415	316,455	58
Toilet Rebates - HET	158,228	28.9	$ 1.28	$ 7.02	124	465	1,000	15	961	73,575,788	13,439
Flush Valve Rebates	133,043	24.3	$ 1.32	$ 7.24	-	101	500		1,431	13,437,293	2,454
Clothes washer rebates	164,250	45.0	$ 1.04	$ 3.80	-	1	-	34		164,250	45
Irrigation Audits - # of controllers	219,000	500.0	$ 0.68	N/A	9	95	200	31	177	20,805,000	47,500
Commercial Irrigation Rebates	-	-	variable	variable	-	2	-	1	1	-	-
Commercial Process Rebates	variable	variable	variable	variable	1	1	10		8	87,677,271	48,042
Category Total					***136***	***667***	***2,210***	***81***	***2,993***	***195,976,056***	***111,538***
			Total All Conservation Programs		**1,730**	**14,507**	**31,540**	**2,668**	**25,872**	**1,359,655,551**	**472,950**
			Percent of Goal			***46%***					***39%***

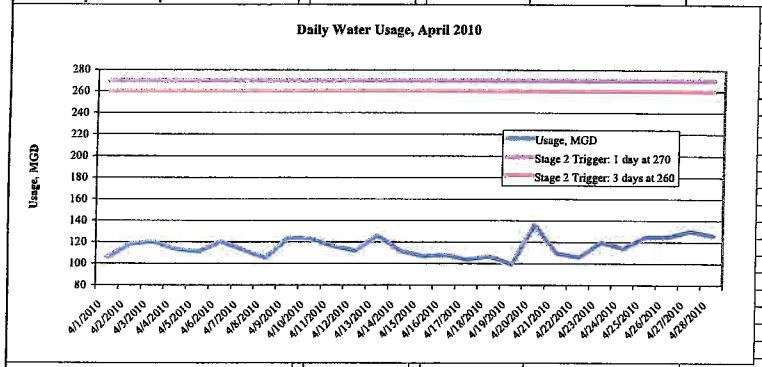
Emissions Savings

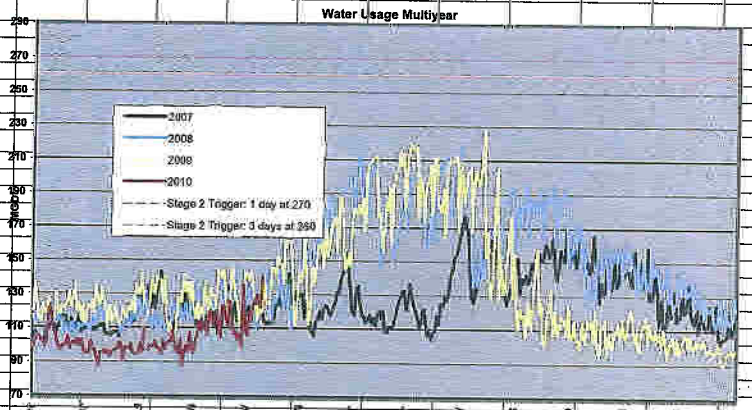
	FY 2010 YTD	
Peak Day Savings	472950.04	GPD
Average Day Savings	1,359,655,551	GPD
KW	46	kW
kWh	1,151,356,320	kWh
SO2	3076900511	grams
NOx	2382116524	grams
Particulates	248137138	grams
CO	297764565.6	grams
CO2	1.13017E+12	grams

Other Program Participation

	Apr-10	FY10 YTD
Education & Outreach		
Events / Booths	2156	9098
Public Presentations	95	1229
Industry Group Meetings	0	5
School Presentations	2	6
Water Waste Enforcement		
Residential Citations	0	159
Commercial/MF Citations	0	133
Total Investigations	220	1254
Construction Permits		
Residential Irrigation	41	364
Commercial Irrigation	8	30

Consumption Graphs



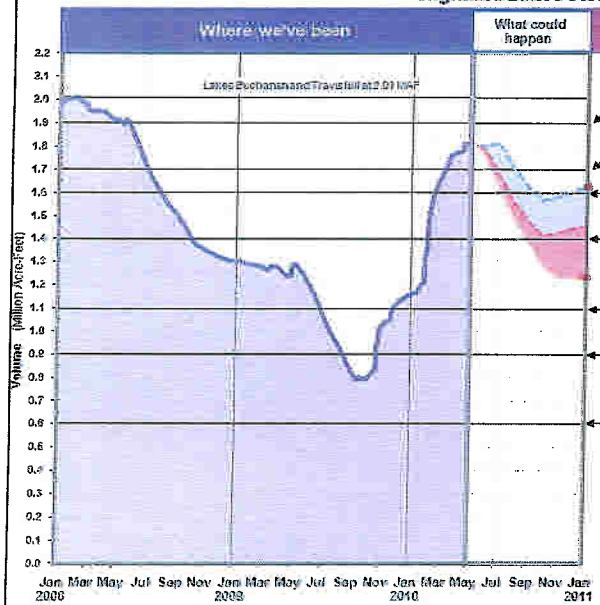


Highland lakes storage summary as of April 30, 2010

Combined lake storage: 1.81 million acre feet

Combined reservoir total: 90% full

Highland Lakes Storage



Note: MAF equals One Million Acre-Feet
One Acre-Foot (AF) equals 325,851 gallons.

2010 Water Management Plan Trigger Points

1.9 MAF - 94% Total Combined Capacity
On Jan. 1 or July 1 - Interruptible supplies are ceased for all customers except four major irrigation operations.

1.7 MAF - On Jan. 1 - Bay & Estuary
Reduce Bay and Estuary releases to meet 160% of critical needs (limited by Storable Inflows).

1.6 MAF - Any time - Water Conservation
Request voluntarily conservation from firm water customers and begin aggressive public information campaign.

1.4 MAF - On Jan. 1 - Interruptible Supply
Begin gradual curtailment of interruptible supply to four major irrigation operations. Curtailment increases with lower storage levels. Environmental releases for instream flows are reduced to meet critical needs.

1.1 MAF - On Jan. 1 - Bay & Estuary
Environmental releases for bay and estuaries are reduced to meet critical needs.

800,000 AF - Any time - Firm Demands
Request firm customers to implement mandatory conservation restrictions. Meet with customers to develop curtailment plan should drought worsen.

600,000 AF - Drought Worse Than Drought of Record Cease Interruptible and Curtail Firm
If criteria indicate drought worse than record, begin curtailment of firm supply after ceasing interruptible supply (timing based on duration of drought).

- Historic Lake Capacity
- Forecast - Medium Conditions
- Forecast - Dry Conditions
- Forecast - Severe Drought