

**WATER CONSERVATION ESTIMATOR**

	Percent 2005 of Total		Percent 2006 of Total		Resulting Potential May - Sept Annual Usage after savings****			
Amount pumped from 6 wells (from ASRs)	586,292		521,038					
Water bought from other towns	884		760					
Water Sold to other towns	2,729		2,330					
					Assumed Potential Savings***	Resulting Potential Savings***	Resulting Potential Savings***	Projected Annual Usage after savings****
					(percent)	(1,000 gals)	(1,000 gals)	(pre- development)
<b>Net water provided to Sharon</b>	584,447	100.0%	519,468	100.0%				443,070
Residential Dishwashers	4,855	0.8%	4,843	0.9%				4,849
Residential Baths	7,366	1.3%	7,348	1.4%				7,357
Residential Leaks	37,667	6.4%	37,574	7.2%	30.0%	11,286	4,703	26,334
Faucets	60,769	10.4%	60,619	11.7%	10.0%	6,069	2,529	54,624
Residential Showers	66,294	11.3%	66,129	12.7%	5.0%	3,311	1,379	62,901
Residential Clothes Washers	73,325	12.5%	73,143	14.1%	25.0%	18,308	7,629	54,925
Residential Toilets	75,166	12.9%	74,980	14.4%	25.0%	18,768	7,820	56,305
Other Indoor Residential Use	9,375	1.6%	9,352	1.8%				9,363
<b>Total Indoor Residential Use**</b>	334,816	57.3%	333,987	64.3%				276,659
<b>Outdoor Residential Use*</b>	88,697	15.2%	67,613	13.0%	30.0%	23,447	23,447	54,709
<b>Total Residential Use</b>	423,513	72.5%	401,600	77.3%				331,367
Institutional (nursing home)	861	0.1%	930	0.2%				896
Commercial/Retail	9,714	1.7%	6,483	1.2%				8,099
Restaurant	276	0.0%	268	0.1%				272
Hotel/Motel	2,424	0.4%	2,700	0.5%				2,562
Agricultural	5,067	0.9%	4,300	0.8%				4,684
Industrial	5,393	0.9%	5,900	1.1%				5,647
Recreational	3,499	0.6%	2,300	0.4%				2,900
Schools K-12	6,121	1.0%	7,953					7,037
Other (municipal)	7,751	1.3%	4,000	0.8%				5,876
<b>Total Non-Residential Metered Use</b>	41,106	7.0%	34,834	6.7%				37,970
<b>Total Metered Use</b>	464,619	79.5%	436,434	84.0%				369,337
Fire protection & training	1,500	0.3%	10	0.0%				755
Hydrant/water main flushing	5,700	1.0%	2,900	0.6%				4,300
Bleeders/Blow offs	2,500	0.4%	1,100	0.2%				1,800
Flow testing	4,500	0.8%	0	0.0%				2,250
Major water main breaks	32,500	5.6%	36,800	7.1%	30.0%	10,395	4,331	24,255
<b>Total Confidently Estimated Use</b>	46,700	8.0%	40,810	7.9%				33,360
<b>Unaccounted-for Water</b>	73,128	12.5%	42,224	8.1%	30.0%	17,303	7,210	40,373
<b>Total Water Used</b>	584,447	100.0%	519,468	100.0%		<b>Annual Savings</b> 108,887	<b>Summer Savings</b> 59,047	443,070
							<b>Summer Savings per month</b> 11,809	

\*Outdoor Residential Use = Avg. Summer Usage (May thru Oct), minus Avg. Winter Usage (Jan thru Apr + Nov + Dec) times six, minus Agricultura  
 \*Outdoor Residential Use is based on data from the Annual Statistical Reports, which is adjusted for year-end meter calibration.

\*\*Indoor Residential Use = (Total Residential Use) minus (Outdoor Residential Use)  
 \*\*Indoor Residential Use is allocated to various indoor uses according to average percentages of Nonconserving and Conserving Homes

\*\*\*Potential Savings Percent is user-specified. Reference percentages from T12 through T16, and discount for homes that fail to conserve.  
 \*\*\*Potential Savings in 1,000 Gallons = (Average of 2005 and 2006 use) times user-specified potential savings percent.

\*\*\*\*Average of 2005 and 2006 usage (C51 plus E51 divided by 2) minus Total Saved (H51)