

Water Savings Worksheet

	Annual Conservation
Nozzle Replacement	
Self Service Car Washes .25 GPM X 7 minutes (average wash time) x 804 bays x 660 cars per bay = 928,620 gals per month x 12 months	11,143,440
Full Service Car Washes 17 Gallons per car x 25% water savings x 6000 cars per month x 16 washes x 12 months	4,896,000
In Bay Automatic Car Washes 4.75 gallons per car savings x 500 cars per month x 150 washes x 12 months	4,275,000
Reverse Osmosis Concentrate Recycle 400 gallons per day x 85 washes x 150 washes x 365 days	12,410,000
Low Flow Toilets 16 Facilities x 3.4 gallons x 150 flushes x 365 days	2,978,400
Positive Shut Off Valves	
Self Service Car Washes 13 x .5 gallons per minute x 60 minutes x 24 hours x 365 days	3,416,400
Full Service Car Washes 2.5 gallons per minute x 180 minutes of neglect x 16 Facilities x 365 days	2,628,000
Total Conservation	41,747,240