

Recycled Water Demand for Redwood Shores

A summary prepared by the Redwood City Public Works Services Department

Revised September 9, 2002

The annual demand for recycled water in Redwood Shores is 1,287 acre feet per year, according to an assessment prepared for Redwood City by Kennedy / Jenks Consultants.

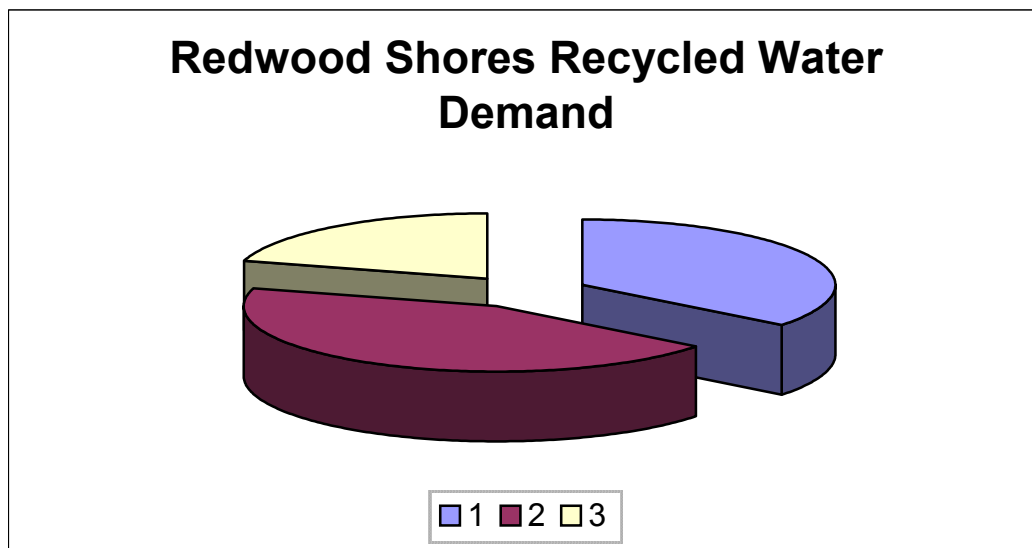
The demand in Redwood Shores is divided between three segments:

1. Homeowner associations monitoring common landscape areas;
2. Commercial/businesses;
3. Public parks, facilities, medians, greenbelts.

According to the K/J study, the percentage of demand of annual acre-feet of recycled water is this:

1. Homeowner associations: 563.1 acre-feet, or 43.8% of demand. *This is for common areas; recycled water is not proposed for any residential use beyond common areas.*
2. Commercial/businesses: 458.8 acre-feet, or 35.7% of demand for recycled water in Redwood Shores.
3. Public parks, medians, etc: 264.7 acre-feet, or 20.5% of demand.

The chart below reflects this.



Business Demand

Business	Average Annual Acre-Feet Demand
Electronic Arts	50.0
Paragon Center	17.9
Macromedia	13.8
Instill Corp.	3.0
Real Names	6.7
Provident Central Credit	14.5
ERI Dolphin, Inc.	14.7
Harris Farinon	6.2
Vacant Parcel zoned 75k sq. ft. office	(40.4)
Hotel Sofitel	19.0
Oracle Corp. site 1	20.6
Oracle Corp. site 2	94.8
Shores Business Center	5.5
Paragon Point/Emery Worldwide	23.9
Bridge Park Center/Marina Park Center/Pavilion Office Center/Shores Office Center	6.3
Adecco	6.4
Pacific AC	15.8
Market Place	7.8
The Pointe	4.5
McKinsey & Co./Westport Office Complex	72.4
Executive Guild	9.6
County Office of Education	4.8
Total	457.8

Homeowner Association Demand

Homeowner Association	Average Annual Acre-Feet Demand
ShoreBreeze	17.1
Pelican	16.8
Shorebird Solar	28.4
Shorebird Island	16.4
Beacon Shores #1 & #2	31.7
Seabridge Community	10.7
Marlin Subdivision #1	3.9
Lighthouse Cove	9.7
Redwood Shores Apts.	3.9
Harborside Apts.	13.1
Regatta	18.9
Stratford Bay	23.5
Manors	8.1
Ventana Del Mar	9.3
Lakeshore TH #1 & #2	30.3
Laguna Pointe	22.1

Harbor Court	23.9
The Shores	21.0
Sunrise #1, #2, #3	6.7
Sandpiper #1	8.0
Sandpiper #2	24.5
Bridgeport	25.4
Governor's Bay	12.9
Hampton	12.7
Pescadero Apartments	8.8
Cove	25.0
Seacrest	13.7
Gossamer Hollow	10.8
Gossamer Cove	33.3
Gossamer Village #1, #2	17.6
Gossamer Isle	5.2
Indian Creek Apartments	13.0
Peninsula Landing	23.1
Boardwalk #1, #2	13.0
Total	563.1

Parks, Public Places, Medians, Greenbelts

Place	Average Annual Acre-Feet Demand
Port Park	1.5
Dolphin Park	6.8
Starboard Park/Trident Dr. Park	4.5
Park at Starboard & Bark	1.6
Marlin Park	17.3
Shorebird Isle Park	6.41
Sandpiper School Park	25.1
Shannon Park	5.1
Dogs Park	2.4
Belmont Sports Complex	34.7
Twin Dolphin Drive	3.1
Marine Parkway	26.5
Redwood Shores Parkway	40.9
Bridge Parkway	8.5
Shell Parkway	20.2
Shearwater Parkway	4.6
Ralston Interchange	45.2
Total	264.7