

## City of Burlingame

501 Primrose Road

Burlingame, California 94010-3997

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Web: [http://www.burlingame.org/p\\_w/water/water\\_system.htm](http://www.burlingame.org/p_w/water/water_system.htm)

### Service Area

The City of Burlingame is located in central San Mateo County. Burlingame's water system serves the entire area within its city limits, portions of the unincorporated Burlingame Hills area, and a few properties in San Mateo and Hillsborough.

### System

#### Profile

Area Size	5.5 square miles
Service Population	30,493
Number of Accounts	9,113
Number of SFPUC Connections	6
Connections To SFPUC Mains	Crystal Springs #2 and #3, Sunset Pipeline
Avg. Day Demand (mgd)	3.94
Avg. Day Purchases From SFPUC (mgd)	3.94
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	California Water Service Company (CWS) – City of San Mateo, Town of Hillsborough, City of Millbrae
Local Storage (mg)	2,941
Days of Storage	1.2 days in six out of eight zones on maximum day, the remaining two zones have 0.2 days.

#### Summary

The City of Burlingame receives all of its water supply from six SFPUC turnouts located along El Camino Real. Water is pumped from the turnouts to five storage tanks and to two reservoirs located at higher elevations in the City's distribution system.

Burlingame's water system is divided into two sections. Water for the hills area is supplied by water pumped into tanks and reservoirs; and water for the lower elevation area is supplied directly from the SFPUC turnouts.

For emergency water supply, Burlingame has connections to California Water Service Company, which serves the City of San Mateo, and connections to the Town of Hillsborough and the City of Millbrae water systems.

## Water Supply and Demand

Supply by Source	Actual FY 06-07 (ccf)	Actual FY 07-08 (ccf)	Actual FY 08-09 (ccf)	Actual FY 09-10 (ccf)
San Francisco Water	2,209,757	2,195,474	2,086,616	1,920,815
Recycled Water	0	0	0	0
Other	0	0	0	0
<b>Total</b>	<b>2,209,757</b>	<b>2,195,474</b>	<b>2,086,616</b>	<b>1,920,815</b>
<b>mgd equivalent</b>	<b>4.53</b>	<b>4.50</b>	<b>4.28</b>	<b>3.94</b>

### Demand by Sector

Residential	1,350,098	1,298,888	1,260,566	1,273,261
Commercial/Industrial	524,220	516,929	536,713	508,288
Other	177,354	177,676	131,316	39,037
Dedicated Irrigation	0	0	0	121,123
Unaccounted for	158,085	201,981	158,021	-20,894
<b>Total</b>	<b>2,209,757</b>	<b>2,195,474</b>	<b>2,086,616</b>	<b>1,920,815</b>
<b>mgd equivalent</b>	<b>4.53</b>	<b>4.50</b>	<b>4.28</b>	<b>3.94</b>

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	98	95	89	86
Gross	161	160	148	129

## Facilities and Distribution

### Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Alcazar Tanks	Dual, Circular, Steel	100,000	Hillside Reservoir	Rectangular, Concrete	1,500,000
Donnelly Tanks	Dual, Circular, Steel	100,000	Mills Tank	Circular, Prestressed Concrete	1,071,000
			Skyview Reservoir	Rectangular, Concrete	170,000
<b>Total</b>					<b>2,941,000</b>

### Interties

Name	No.	Diameter (in.)	Name	No.	Diameter (in.)
CWS – City of San Mateo	2	6	Millbrae	2	6
	1	8		3	8
Hillsborough	4	6		1	10
				2	12