

## Town of Hillsborough

Water Department

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### Service Area

The Town of Hillsborough, located in central San Mateo County, is a single family residential community zoned for residential estates. The Town's service area includes the Town of Hillsborough and portions of unincorporated San Mateo County.

### System

#### Profile

Area Size	6.25 square miles
Service Population	11,982
Number of Accounts	4,262
Number of SFPUC Connections	9 Turnouts, 12 meters
Connections To SFPUC Mains	Crystal Springs #2, Sunset Pipeline
Avg. Day Demand (mgd)	3.01
Avg. Day Purchases From SFPUC (mgd)	3.01
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	Burlingame, CWS - San Mateo
Local Storage (mg)	8.29 (max capacity)
Days of Storage	2.2 - All zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity.

#### Summary

The Town of Hillsborough purchases all of its water from the SFPUC via 12 meters in 9 turnouts located off San Francisco's Sunset and Crystal Springs #2 supply lines, which provide potable water to customers in 5 pressure zones.

The Town owns and operates its own water utility. The distribution system consists of 16 pressure zones, 14 pump stations, 18 storage tanks, and 97 miles of mains.

There are no wells or alternate sources within the district.

## Water Supply and Demand

Supply by Source <sup>1</sup>	Actual FY 06-07 (ccf)	Actual FY 07-08 (ccf)	Actual FY 08-09 (ccf)	Actual FY 09-10 (ccf)
San Francisco Water	1,786,177	1,893,039	1,743,929	1,470,409
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
<b>Total</b>	1,786,177	1,893,039	1,743,929	1,470,409
<b>mgd equivalent</b>	3.66	3.88	3.57	3.01

### Demand by Sector <sup>2</sup>

Residential	1,646,421	1,678,233	1,531,716	1,383,823
Commercial/Industrial	39,103	38,861	34,723	30,661
Other	10,158	12,012	3,496	2,820
Unaccounted for	90,495	163,933	173,994	53,105
<b>Total</b>	1,786,177	1,893,039	1,743,929	1,470,409
<b>mgd equivalent</b>	3.66	3.88	3.57	3.01

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	308	318	289	237
Gross	334	358	330	251

1 SFPUC billing is based on monthly meter readings.

2 Hillsborough retail sales are based on bi-monthly reading of customers' meters.

## Facilities and Distribution

### Storage Reservoirs

Designation	Type	Capacity (gallons)
Forest View Tank 1	Steel	675,000
Forest View Tank 2	Steel	280,000
Skyfarm II Tank 1	Steel	65,000
Skyfarm II Tank 2	Steel	65,000
Skyfarm III Tank 1	Steel	700,000
Skyfarm III Tank 2	Steel	700,000
Crocker Reservoir	Concrete Lined	375,000
Darrell Tank 1	Steel	500,000
Darrell Tank 2	Steel	500,000
Darrell Tank 3	Steel	1,000,000
El Arroyo Tank 1	Steel	516,000
El Arroyo Tank 2	Steel	516,000

<b>Designation</b>	<b>Type</b>	<b>Capacity (gallons)</b>
Major Hayes Tank	Steel	250,000
Vista Tank	Steel	350,000
Marlborough Tank 1	Steel	250,000
Marlborough Tank 2	Steel	350,000
Tournament Tank 1	Steel	600,000
Tournament Tank 2	Steel	600,000
<b>Total</b>		<b>8,292,000</b>

**Interties**

<b>Name</b>	<b>No.</b>	<b>Diameter (in.)</b>
CWS -San Mateo	2	2*, 8
Burlingame	3	6, 8, 10
San Mateo	2	8, 6

\*2-inch galvanized steel pipe is considered non-functional as an intertie.