

City of San Bruno

Public Works - Water Division
567 El Camino Real
San Bruno, California 94066

Phone: (650) 616-7065 Fax: (650) 794-1443

Web: http://www.sanbruno.ca.gov/city_services/public_works/utilities/water.html

Service Area

The City of San Bruno is located in north San Mateo County. San Bruno is a residential community with regional commercial and light industrial development. The Public Works Water Division's service area includes the City of San Bruno and unincorporated areas of the County.

System

Profile

Area Size	6.1 square miles
Service Population	43,798
Number of Accounts	12,142
Number of SFPUC Connections	5
Connections To SFPUC Mains	Crystal Springs # 2 and #3, San Andreas 1, 2, and 3, Sunset Pipeline
Avg. Day Demand (mgd)	3.65
Avg. Day Purchases From SFPUC (mgd)	1.51
% Demand Met With SFPUC Supplies	41.3%
Maximum Local Water Production (mgd)	1.90
Alternative Supply Sources	Local Groundwater
Interties With Other Agencies	North Coast CWD, CWS - South San Francisco
Local Storage (mg)	8.3
Days of Storage	2.5 - Length of storage based on loss of all sources of supply. All zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity. Well water could meet partial demand in an emergency.

Summary

The City of San Bruno receives its water through 5 San Francisco Public Utilities Commission turnouts and from 5 deep-water wells. The City also purchases water from the North Coast County Water District. The Public Works Water Division maintains a distribution system that includes 13 pressure zones, 21 pumps, 8 water tanks, 900 hydrants, and 100 miles of mains.

SFPUC water is filtered by the Harry Tracy plant (San Andreas Reservoir) and supplied to upper elevation areas of the community. Crystal Springs Supply Lines #2 or #3 deliver to the lower elevations.

The groundwater is blended with water from SFPUC; the combined water supply meets all MCLs.

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	906,722	968,953	925,521	714,539
North Coast CWD (SFPUC)	19,069	26,472	22,172	20,903
Local Groundwater	895,311	913,139	929,969	1,045,262
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,821,102	1,908,564	1,877,662	1,780,704
mgd equivalent	3.73	3.91	3.85	3.65

Demand by Sector

Residential	1,376,078	1,356,917	1,297,104	1,236,845
Commercial/Industrial	340,999	358,282	340,486	306,564
Other	96,538	96,523	84,502	66,388
Unaccounted for	7,487	96,842	155,570	170,907
Total	1,821,102	1,908,564	1,877,662	1,780,704
mgd equivalent	3.73	3.91	3.85	3.65

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	70	69	66	58
Gross	93	97	96	83

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)
Storage Tank 1	Steel	2,500,000
Storage Tank 3	Concrete	2,000,000
Storage Tank 4	Steel	1,000,000
Storage Tank 6	Steel	400,000
Storage Tank 6A	Steel	1,000,000
Storage Tank 7	Steel	400,000
Storage Tank 9	Steel	500,000
Storage Tank 10	Steel	500,000
Total		8,300,000

Wells

Name	Capacity (mgd)	Status
Well 15**	0.26	Active
Well 16**	0.72	Active
Well 17*	0.40	Active
Well 18**	0.29	Active
Well 20**	0.85	Active
Total	2.52	

Interties

Name	No.	Diameter (in.)
North Coast	2	21
CWS	1	8