

Annual Survey
FY 2009-10

BAWSCA
Bay Area Water Supply & Conservation Agency

May 2011

Bay Area Water Supply and Conservation Agency Annual Survey and Water Conservation Report FY 2009-10

BAWSCA Overview
Past and Current Purchases from SFPUC
Total Water Supply and Demand
Current Water Use by Class of Customer
Climatological Data
Service Area Populations
Current Water Use Per Capita
Current Residential Water Bills
Agency Profiles

May 2011

BAWSCA Water Facts at-a-Glance – FY 2009-10

Service Areas

	Size (sq. mi.)	Population
San Mateo County	185	716,060
Santa Clara County	117	517,864
Alameda County	166	485,104
Total	468	1,719,028

Supply by Source

	ccf	mgd	af	%
San Francisco PUC ¹	73,516,226	150.66	168,770	67.3%
Groundwater ²	15,959,858	32.71	36,639	14.6%
Surface Water ³	2,034,802	4.17	4,671	1.9%
Recycled Water ⁴	2,867,149	5.88	6,582	2.6%
Other Sources ⁵	14,818,403	30.37	34,018	13.6%
Total	109,196,437	223.78	250,681	100%

1 Inclusive of supplemental purchases of 904,856 ccf.

2 Agencies using groundwater include Alameda County Water District, Coastsides County Water District, Daly City, California Water Service - South San Francisco, Mountain View, San Bruno, Santa Clara, Stanford University, and Sunnyvale.

3 Agencies using surface water include Coastsides County Water District (Pilarcitos Reservoir), California Water Service (Bear Gulch Reservoir), and Stanford University (Searsville and Felt Lakes).

4 Agencies using recycled water include Daly City, Millbrae, Milpitas, Palo Alto, Redwood City, San Jose, Santa Clara, Stanford University, and Sunnyvale.

5 Agencies using other non-SFPUC sources include Alameda County Water District (State Water Project); Milpitas, Mountain View, Santa Clara, and Sunnyvale (Santa Clara Valley Water District).

Demand by Sector

	ccf	mgd	af	%
Residential	64,749,000	132.69	148,643	59.2%
Commercial/Industrial	21,268,973	43.59	48,827	19.4%
Government/Other	6,997,679	14.34	16,064	6.4%
Dedicated Irrigation	9,576,209	19.62	21,984	8.8%
Unaccounted for	6,604,577	13.53	15,162	6.2%
Total	109,196,437	223.78	250,681	100%

Water Measurements

af = acre foot; 1 af = 435.6 ccf or 325,851 gallons

ccf = 100 cubic feet; approximately 748 gallons

gpcpd = gallons per capita per day

mgd = million gallons per day

Cover photo courtesy of Richard Joste – Silver Falls, Big Basin Redwoods State Park

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1. BAWSCA Overview

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Goals

Bay Area Water Supply and Conservation Agency (BAWSCA) goals are to ensure a reliable water supply, higher quality water, and a fair price.

Composition

The BAWSCA represents the interests of 26 private and public entities that purchase water on a wholesale basis from the San Francisco Public Utilities Commission (SFPUC) for resale through their local water systems. Collectively the wholesale customers serve 1.7 million residents, businesses and community organizations in Alameda, Santa Clara and San Mateo Counties. Of these wholesale customers, 15 are cities, nine are special water districts, one is an investor-owned utility regulated by the California Public Utilities Commission, and one (Stanford) is a university with affiliated hospital/medical and research facilities.

There is considerable variety among the wholesale customers. Beyond having different institutional charters (e.g., cities, districts, private company, etc.), they vary on at least the following measures:

- **Size**

The wholesale customers range from very small (e.g., Guadalupe Valley Municipal Improvement District with a service area population of less than 500 and a service area of less than 0.5 square miles) to quite large (e.g., Alameda County Water District, with a service area population of over 300,000 and a service area of 105 square miles). See Table 1.

- **Reliance on San Francisco**

Several of the wholesale customers have no other source of water and, like San Francisco, are entirely dependent on the SFPUC's regional water system. This is particularly the case in San Mateo County, which has limited groundwater and other resources. However, several wholesale customers have developed, or are developing their own local sources, or have access to water from the Santa Clara Valley Water District or from the State Water Project. Coastside County Water District is the only BAWSCA entity that receives untreated SFPUC-supplied water. All of the other wholesale customers receive treated water from the SFPUC.

- **Customer Mix**

Several of the wholesale customers serve largely or entirely residential communities (e.g., Hillsborough, Purissima Hills, and North Coast). One, Guadalupe Valley Municipal Improvement District, serves primarily an industrial area. Except for Stanford University, most agencies serve a mix of single family residential, multi-family residential, commercial, and industrial customers, in varying proportions. Nearly 90%

of all service connections in the BAWSCA service area, however, are residential, with residential use comprising nearly 60% of total demand.

- **Climate**

The wholesale customers located on the northern and coastal portions of San Mateo County have the cool temperatures and summer fog characteristics similar to San Francisco. Others in southern San Mateo County, northern Santa Clara County, and southern Alameda County have summer temperatures typically 20 degrees higher than those in San Francisco.

- **Land Use**

None of the wholesale customers have a population density comparable to that of San Francisco (about 17,000 persons per square mile). But some (e.g., Daly City and South San Francisco) do have residential stock similar to that of the Sunset and Richmond Districts in western San Francisco. Others have much larger lots (with far more green space per residence) and consequently, significantly higher outdoor irrigation demands.

- **Water Use**

Residential per capita water use correlates with land use, climate, conservation, and income. Per capita use in the wholesale service area ranges from below that in San Francisco (e.g., Westborough and East Palo Alto) or close to San Francisco's (e.g., Daly City, North Coast, Brisbane and South San Francisco) to much higher (e.g., Purissima Hills and Hillsborough). See Table 7A.

Authorities

BAWSCA is the only entity having authority under state law to directly represent the needs of the cities, water districts and private utilities (wholesale customers) that depend on the regional water system. BAWSCA provides the ability for the customers of the regional water system to work with San Francisco on an equal basis to ensure that the regional water system gets fixed, and to collectively and efficiently meet local responsibilities.

BAWSCA has the authority to coordinate water conservation, supply and recycling activities for its agencies; acquire water and make it available to other agencies on a wholesale basis; finance projects, including improvements to the regional water system; and build facilities jointly with other local public agencies or on its own to carry out the agency's purposes.

Governance

BAWSCA is governed by a 26-member Board of Directors comprised of respected community leaders. Each of the 24 cities and water districts that are member agencies of BAWSCA appoint a member to the board. In addition, the Santa Clara County Board of Supervisors appoints a director from Stanford University and the San Mateo County Board of Supervisors appoints a director from the California Water Service Company.

Organization and Budget

Day-to-day leadership is provided by the chief executive officer/general manager who is supported by a staff of six persons. A standing committee, comprised of board members, advises the general manager and the full board on policy matters. The agency's FY 2009-10 budget was \$2.7M, funded through individual agency assessments. In addition, BAWSCA plans and administers water conservation programs paid for by the agencies that choose to participate.

Organizational Challenges

BAWSCA's overarching service goal is to protect the health, safety and economic well being of 1.7 million people, businesses, and community organizations in Alameda, San Mateo, and Santa Clara counties that depend on the regional water system.

BAWSCA's strategic challenges include:

- Monitoring the SFPUC to ensure it completes its capital improvement program for rebuilding the regional water system promptly and cost-effectively with the cost fairly allocated between San Francisco retail and wholesale customers.
- Developing and implementing a strategy to ensure that water supply needs for the BAWSCA members will be adequately met in times of drought and in the future.
- Encouraging and assisting implementation of cost-effective water conservation and wastewater recycling programs.
- Administering the new water supply agreement with San Francisco.
- Maintaining support by BAWSCA's political, community, and private allies.
- Encouraging communities to prepare for long-term water outages.

BAWSCA Members Map



Legend

- | | |
|--|--------------------------------------|
| 1 Alameda County Water District | 15 Mid-Peninsula Water District |
| 2 City of Brisbane | 16 City of Millbrae |
| 3 City of Burlingame | 17 City of Milpitas |
| 4 CWS – Bear Gulch | 18 City of Mountain View |
| 5 CWS – Mid-Peninsula | 19 North Coast County Water District |
| 6 CWS – South San Francisco | 20 City of Palo Alto |
| 7 Coastside County Water District | 21 Purissima Hills Water District |
| 8 City of Daly City | 22 City of Redwood City |
| 9 City of East Palo Alto | 23 City of San Bruno |
| 10 Estero Municipal Improvement District | 24 San Jose Municipal Water System |
| 11 Guadalupe Valley MID | 25 City of Santa Clara |
| 12 City of Hayward | 26 Stanford University |
| 13 Town of Hillsborough | 27 City of Sunnyvale |
| 14 City of Menlo Park | 28 Westborough Water District |

Sources: BAWSCA, San Mateo County General Plan

Bay Area Water Supply and Conservation Agency Members Summary - FY 2009-10

	Service Population	Water Purchased/ Produced (mgd)		Communities Served (all or portions of)
		SFPUC	Total	
San Mateo County				
Brisbane Water District*	3,993	0.25	0.25	Brisbane and nearby unincorporated areas
City of Burlingame	30,493	3.94	3.94	City of Burlingame, and nearby unincorporated areas
California Water Service Company Bear Gulch District, Mid-Peninsula District, South San Francisco District	232,170	32.41	33.84	Atherton, Colma, Daly City, Los Altos, Menlo Park, Portola Valley, San Carlos, San Mateo, South San Francisco, Woodside, and nearby unincorporated areas
Coastside County Water District	20,216	1.82	2.02	Half Moon Bay, Princeton by the Sea, Miramar, and El Granada
City of Daly City**	107,773	3.16	6.70	Daly City and nearby unincorporated areas
East Palo Alto Water District	29,690	1.73	1.73	City of East Palo Alto, Menlo Park, and nearby unincorporated areas
Estero Municipal Improvement District	36,100	4.90	4.90	Foster City and parts of San Mateo
Guadalupe Valley Municipal Improvement District**	–	0.31	0.31	Industrial park within the City of Brisbane
Town of Hillsborough	11,982	3.01	3.01	Hillsborough and nearby unincorporated areas
City of Menlo Park	14,139	3.19	3.19	Menlo Park west of Altschul and east of El Camino Real
Mid-Peninsula Water District	26,130	2.85	2.85	Belmont, San Carlos, and nearby unincorporated areas
City of Millbrae	21,387	2.24	2.26	Millbrae and nearby unincorporated areas
North Coast County Water District	40,401	3.02	3.02	Pacifica and nearby unincorporated areas
City of Redwood City	85,098	9.61	10.02	Redwood City, parts of San Carlos and Woodside, and nearby unincorporated areas
City of San Bruno	43,798	1.51	3.65	San Bruno and nearby unincorporated areas
Westborough County Water District	12,690	0.81	0.81	Parts of South San Francisco, Daly City, and nearby unincorporated areas
Subtotal	716,060	74.77	82.51	
Santa Clara County				
City of Milpitas	70,817	6.24	10.00	Milpitas and portions of San Jose
City of Mountain View	75,787	8.88	10.41	Mountain View and nearby unincorporated areas
City of Palo Alto	65,408	10.99	11.71	Palo Alto and nearby unincorporated areas
Purissima Hills Water District	6,060	1.75	1.75	Los Altos Hills, parts of Los Altos, and nearby unincorporated areas
San Jose Municipal Water System - North	14,645	4.10	4.48	North San Jose/Alviso and nearby unincorporated areas
City of Santa Clara	118,830	2.27	20.78	Santa Clara and nearby unincorporated areas
Stanford University	27,491	2.14	3.17	Stanford University
City of Sunnyvale	138,826	9.78	19.17	Sunnyvale and nearby unincorporated areas
Subtotal	517,864	46.14	81.48	
Alameda County				
Alameda County Water District	332,000	10.46	42.35	Union City, Newark, Fremont and nearby unincorporated areas
City of Hayward	153,104	17.44	17.44	Hayward and nearby unincorporated areas
Subtotal	485,104	27.90	59.79	
Total All Agencies	1,719,028	148.80	223.78	

*GVMID service population included with Brisbane.

**Daly City's SFPUC purchase total excludes supplemental purchases (1.85).

Source: BAWSCA FY 2009-10 Annual Survey**Table 1**

Survey Overview

The Bay Area Water Supply and Conservation Agency (BAWSCA) typically conducts an annual survey of its members in order to update key agency-wide information and assist in projecting wholesale customer water demands and population. Summarized below and included in the following pages in written, tabular, and/or graphic form are the most pertinent and interesting highlights of the FY 2009-10 survey.

Past, Current, and Projected Purchases from SFPUC

Current Water Purchases from SFPUC

BAWSCA agencies reported SFPUC purchases of 150.7 mgd in FY 2009-10, including supplemental water purchases of 1.85 mgd, down nearly 8% from the total 163.7 mgd purchased in FY 2008-09. Compared with the 10 year average, purchase levels in FY 2009-10 were below average by 18.6 mgd. Since FY 2006-07, purchases have fallen 24.3 mgd. The highest single year occurred in FY 1986-87 when 184.8 mgd was purchased from the SFPUC.

Projected Water Purchases from SFPUC

As part of its action on the Program Environmental Impact Report (PEIR) for its Water System Improvement Program (WSIP), the San Francisco Public Utilities Commission made the decision to limit wholesale customer purchases from the regional water system to 184 mgd and retail customer purchases from the regional water system to 81 mgd through 2018.

Total Water Supply and Demand

Current BAWSCA-Wide Total Water Demand Compared to Pre-Drought Conditions

For 2009-10, total demand was 224 mgd. In response to drought conditions, voluntary water conservation targets of 10% were initiated during Summer 2007, and continued in 2010. In comparison, in FY 1996-97, BAWSCA-wide demand, including demand for sources in addition to the regional water system, equaled the pre-drought demand of FY 1986-87 at 260 mgd.

Meeting Projected BAWSCA-Wide Total Water Demand

In FY 2008-09, BAWSCA and its member agencies initiated the development of a long-Term Reliable Water Supply Strategy (Strategy) to meet the projected water needs of its member agencies and their customers through 2035 and to increase their water supply reliability under normal and drought conditions. The Strategy is proceeding in three phases. Phase I was completed in June 2010 and defined the magnitude of the water supply issue and the scope of work for the Strategy. Phase II of the Strategy is currently under development and will result in a refined estimate of when, where, and how much additional supply reliability and new water supplies are needed throughout the BAWSCA service area through 2035, as well as a detailed analysis of the water supply management projects, and the development of the Strategy implementation plan. Phase II will be complete in December 2013. Phase III will include the implementation of specific water supply management projects. Depending on cost-effectiveness, as well as other considerations, the projects may be implemented by a single member agency, by a collection of the member agencies, or by BAWSCA in an appropriate timeframe to meet

the identified needs. Project implementation may begin as early as 2013 and will continue throughout the Strategy planning horizon, in coordination with the timing and magnitude of the supply need.

Current Water Supply by Source

BAWSCA's historical sources of supply vary little from one year to the next. Of the total amount of water used by BAWSCA agencies in FY 2009-10, 67% came from the SFPUC, 15% from groundwater, 14% from other sources (Santa Clara Valley Water District and the State Water Project), 2% from local surface water (primarily ACWD's take from Lake Del Valle), and 3% from recycled water.

Current Water Use by Class of Customer

As with the source of supply, BAWSCA's demand by customer class varies little over time. Among BAWSCA agencies in FY 2009-10, the residential sector accounted for 59% (133 mgd) of the 224 mgd consumed; commercial and industrial customers, 20% (44 mgd); government/other, 6% (14 mgd); dedicated irrigation, 9% (20 mgd), and unaccounted-for water, 6% (14 mgd). In FY 2009-10, there were 420,363 accounts (service connections) in the entire BAWSCA service area, 89% or 372,111 of which were residential (see Notes next page).

Climatological Data

In the three years leading up to FY 2009-10, rainfall totals were significantly lower than the historical average. Rainfall recorded at 4 locations in the BAWSCA service area for FY 2009-10, however, recorded levels approximately 1.6 inches over the historical average.

Current and Projected Population

The population of the BAWSCA service area increased from 1,705,837 to 1,719,028 between FY 2008-09 and FY 2009-10.

Current Water Use Per Capita

Average residential per capita consumption (excluding Stanford) in the BAWSCA service area was 78 gpcpd in FY 2009-10, down 8% from the year before. This is 25% less than the estimated 104 gpcpd that was experienced during pre-drought FY 1986-87 and 32% less than the 115 gpcpd in pre-drought FY 1975-76. In FY 2009-10, among BAWSCA agencies, East Palo Alto had the lowest residential per capita consumption at 45.6 gpcpd while Purissima Hills had the highest at 256.3 gpcpd.

In FY 2009-10, the 130 gpcpd gross per capita consumption of the BAWSCA service area was lower than FY 2008-09 by 9%. FY 1985-86 (pre-drought) gross per capita was 182 gpcpd.

Single Family Water Bills (as of July 2010) / Water Rate Structure

Water bill data has been calculated using each agency's single family average monthly use. This information is summarized in Section 8. Among BAWSCA agencies, the average monthly bill ranged from a low of \$25.17 in Westborough for 6.4 units to \$134.60 for 27.6 units in Hillsborough. The average single family water bill among all

BAWSCA agencies inclusive of the service charge was \$48.12. Average monthly residential use varied from 5.1 units (Brisbane/GVMID) to 30.7 units (Purissima Hills). Average monthly service charge was \$10.32, ranging from a low of \$4.50 (Hayward) to a high of \$28.98 (Burlingame).

Of 24 wholesale customers surveyed regarding water bills, eight (ACWD, Burlingame, California Water Service, East Palo Alto, Estero, Millbrae, Santa Clara, and Westborough) have a uniform rate structure (same rate per unit of water for all volumes used). The remaining 16 agencies have inclined block rate structures (rate per unit increases as use increases). The number of rate blocks among these 17 agencies ranges from 2 (Milpitas) to 11 (Daly City).

Agency Profiles

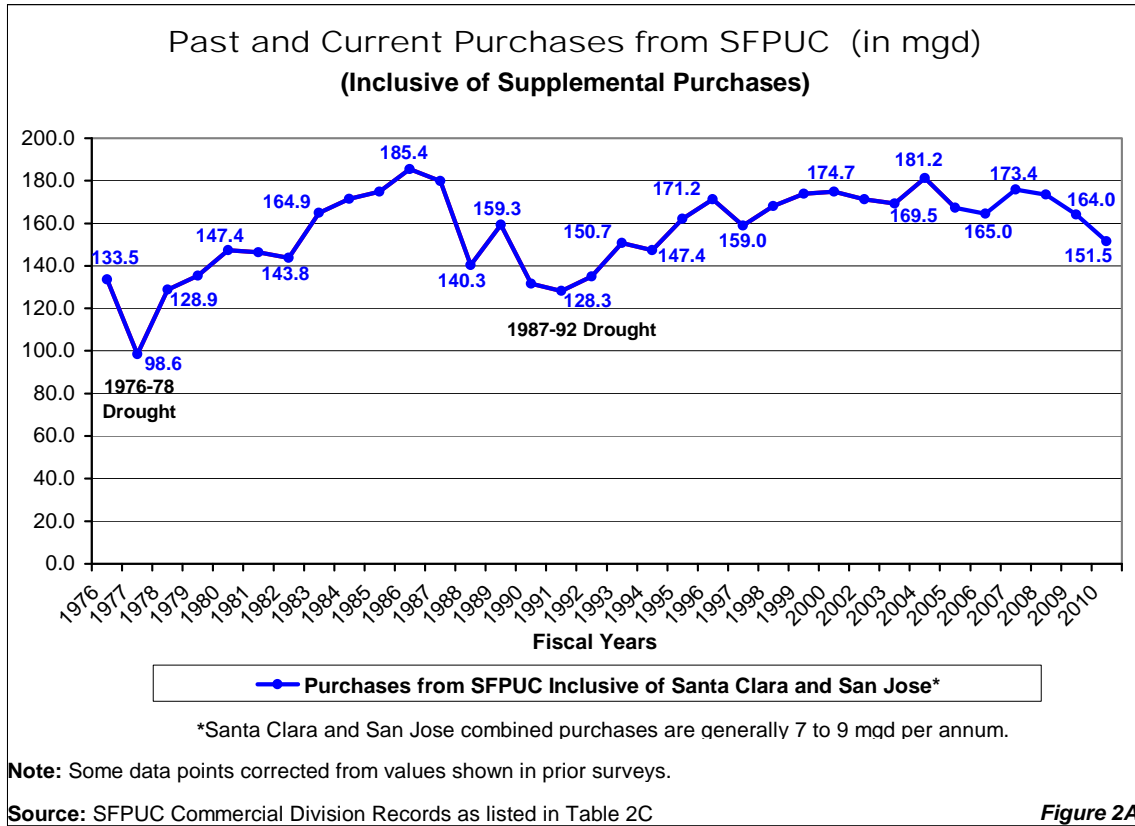
Agency profiles were updated based on revisions supplied by agency representatives.

Notes:

In the course of preparing the most current annual survey, occasionally BAWSCA comes across incorrect data from prior years. When discovered, the historical record is corrected unless the adjustment is inconsequential.

Beginning with this survey, data for Brisbane and Guadalupe Valley MID are combined. Also new for this survey, dedicated irrigation accounts and usage are now being separately accounted for, resulting in lower comparative usage totals in other categories, e.g., commercial/industrial.

2. Past and Current Purchases from SFPUC



Past and Current Purchases from SFPUC and Relationship to the Supply Guarantee (in ccf)
 (Excluding Supplemental Purchases)

Member	Supply Guarantee	mgd Equiv	Predrought FY 1986-87	mgd Equiv	Actual FY 2001-02	Actual FY 2002-03	Actual FY 2003-04	Actual FY 2004-05	Actual FY 2005-06	Actual FY 2006-07	Actual FY 2007-08	Actual FY 2008-09	Actual FY 2009-10	mgd Equiv	2009-10/2008-09 % Change	2009-10 Purchases as % Supply Assurance
San Mateo County																
* Brisbane	224,435	0.46	171,507	0.35	188,658	192,066	192,518	175,335	191,963	148,937	182,661	179,743	123,803	0.25	-31.1	55.2
* Burlingame	2,553,753	5.23	2,531,707	5.19	2,264,761	2,315,100	2,335,235	2,205,818	2,121,360	2,209,757	2,195,474	2,086,616	1,920,815	3.94	-7.9	75.2
California Water Service **	17,320,807	35.50	17,393,987	35.65	17,284,913	16,978,345	18,815,046	17,024,290	17,030,914	18,279,882	18,414,636	17,561,079	15,815,998	32.41	-9.9	91.3
Coastside	1,061,453	2.18	600,257	1.23	880,401	844,363	922,578	862,286	899,064	1,006,844	1,014,105	977,849	887,675	1.82	-9.2	83.6
Daly City	2,094,386	4.29	2,264,684	4.64	2,480,170	3,185,036	2,431,265	2,042,053	1,519,263	1,747,221	2,187,273	2,113,320	1,542,719	3.16	-27.0	73.7
* East Palo Alto	957,813	1.96	1,041,989	2.14	994,330	926,129	1,009,447	751,516	927,742	976,874	996,587	938,045	842,883	1.73	-10.1	88.0
* Estero	2,878,807	5.90	2,854,051	5.85	2,741,916	2,576,965	2,729,471	2,542,371	2,531,846	2,747,662	2,691,080	2,509,929	2,392,839	4.90	-4.7	83.1
* Guadalupe Valley	254,436	0.52	155,074	0.32	148,218	175,880	162,079	151,270	130,538	115,901	130,485	122,888	152,798	0.31	24.3	60.1
* Hillsborough	1,995,644	4.09	1,996,150	4.09	1,736,371	1,657,074	1,936,854	1,630,593	1,665,884	1,786,177	1,893,039	1,743,929	1,470,409	3.01	-15.7	73.7
Los Trancos			34,848	0.07	52,939	52,869	60,617									
* Menlo Park	2,174,231	4.46	1,958,458	4.01	1,742,409	1,630,174	1,879,405	1,648,914	1,688,803	1,735,075	1,857,088	1,628,275	1,556,801	3.19	-4.4	71.6
* Mid-Peninsula	1,898,707	3.89	1,888,074	3.87	1,690,779	1,641,779	1,710,726	1,602,472	1,434,648	1,652,208	1,583,791	1,533,876	1,390,831	2.85	-9.3	73.3
* Millbrae	1,538,120	3.15	1,528,426	3.13	1,207,701	1,120,994	1,260,900	1,191,005	1,291,729	1,194,450	1,199,327	1,168,008	1,094,867	2.24	-6.3	71.2
* North Coast	1,872,928	3.84	1,618,649	3.32	1,684,428	1,674,096	1,755,460	1,652,192	1,579,110	1,418,174	1,582,423	1,632,364	1,471,838	3.02	-9.8	78.6
* Redwood City	5,333,115	10.93	5,253,772	10.77	5,679,249	5,561,922	5,950,319	5,423,431	5,308,460	5,694,374	5,711,397	5,048,309	4,689,257	9.61	-7.1	87.9
San Bruno	1,583,899	3.25	1,748,600	3.58	1,315,509	1,571,823	1,178,882	845,569	1,010,659	906,722	968,953	925,521	735,442	1.51	-20.5	46.4
Skyline			62,726	0.13	81,618	79,886	89,334	71,748	76,938	80,966	76,864					
* Westborough	644,172	1.32	585,151	1.20	495,742	458,268	458,268	531,903	459,831	532,529	457,299	485,493	394,878	0.81	-18.7	61.3
Subtotal	44,386,706	90.96	43,688,110	89.53	42,670,112	42,642,769	44,878,404	40,352,766	39,868,752	42,233,753	43,142,482	40,655,244	36,483,853	74.77	-10.3	91.6
Santa Clara County																
Milpitas	4,504,533	9.23	4,370,757	8.96	3,335,244	3,293,699	3,482,864	3,245,882	3,246,783	3,363,685	3,346,012	3,373,223	3,044,020	6.24	-9.8	67.6
Mountain View	6,567,648	13.46	6,435,554	13.19	5,351,346	5,203,801	5,354,945	5,128,162	5,040,013	5,349,361	5,074,103	4,788,905	4,332,561	8.88	-9.5	66.0
* Palo Alto	8,331,697	17.07	8,009,767	16.41	6,436,196	6,174,327	6,524,654	5,896,965	5,802,911	6,361,100	6,205,790	5,677,018	5,362,816	10.99	-5.5	64.4
* Purissima Hills	792,832	1.62	755,077	1.55	1,074,259	1,002,378	1,128,457	980,472	964,747	1,112,291	1,124,922	980,987	854,854	1.75	-12.9	107.8
San Jose	0	0.00	1,541,153	3.16	2,158,333	2,220,166	2,371,194	2,130,206	2,146,284	2,321,769	2,394,495	2,185,349	1,998,932	4.10	-8.5	n/a
Santa Clara	0	0.00	2,429,766	4.98	1,875,240	1,897,549	1,739,448	2,062,068	2,237,932	2,106,452	1,618,029	1,307,380	1,105,658	2.27	-15.4	n/a
Stanford	1,479,764	3.03	1,485,396	3.04	1,153,469	1,123,171	1,231,451	1,127,114	1,085,236	1,112,857	1,125,377	1,045,886	1,043,864	2.14	-0.2	70.5
Sunnyvale	6,138,122	12.58	7,228,076	14.81	4,727,131	4,424,198	4,675,948	4,260,386	4,766,132	4,505,138	5,072,437	5,181,026	4,771,741	9.78	-7.9	77.7
Subtotal	27,814,596	57.00	32,255,546	66.10	26,111,218	25,339,289	26,508,961	24,831,255	25,290,038	26,232,653	25,961,165	24,539,774	22,514,446	46.14	-8.3	88.2
Alameda County																
Alameda CWD	6,714,439	13.76	6,039,273	12.38	5,853,104	6,074,761	6,019,070	5,128,341	5,115,909	6,667,959	6,534,358	5,477,714	5,102,005	10.46	-6.9	76.0
* Hayward 1	8,511,066	17.44	8,504,158	17.43	8,592,175	8,631,661	9,587,543	9,030,652	8,761,512	8,901,286	9,434,134	9,105,654	8,511,066	17.44	-6.5	100.0
Residual 1	2,359,289	4.83														
Subtotal	17,584,794	36.04	14,543,431	29.80	14,445,279	14,706,422	15,606,613	14,158,993	13,877,421	15,569,245	15,968,492	14,583,368	13,613,071	27.90	-6.7	82.9
Total	89,786,096	184.00	90,487,087	185.44	83,226,609	82,688,480	86,993,978	79,343,014	79,036,211	84,035,651	85,072,140	79,778,386	72,611,370	148.80	-9.0	88.9
mgd equiv	184.00		185.44		170.56	169.45	178.28	162.60	161.97	172.22	174.34	163.49	148.80			
Total w/o SC&SJ	89,786,096		86,516,168		79,193,036	78,570,765	82,883,336	75,150,740	74,651,995	79,607,430	81,059,616	76,285,657	69,506,780	142.44	-8.9	85.0
mgd equiv	184.00		177.30		162.29	161.02	169.85	154.01	152.99	163.14	166.12	156.33	142.44			

* Agencies receiving 100% of their supply from the SFPUC.

** Inclusive of Bear Gulch, Mid-Peninsula, and South San Francisco districts.

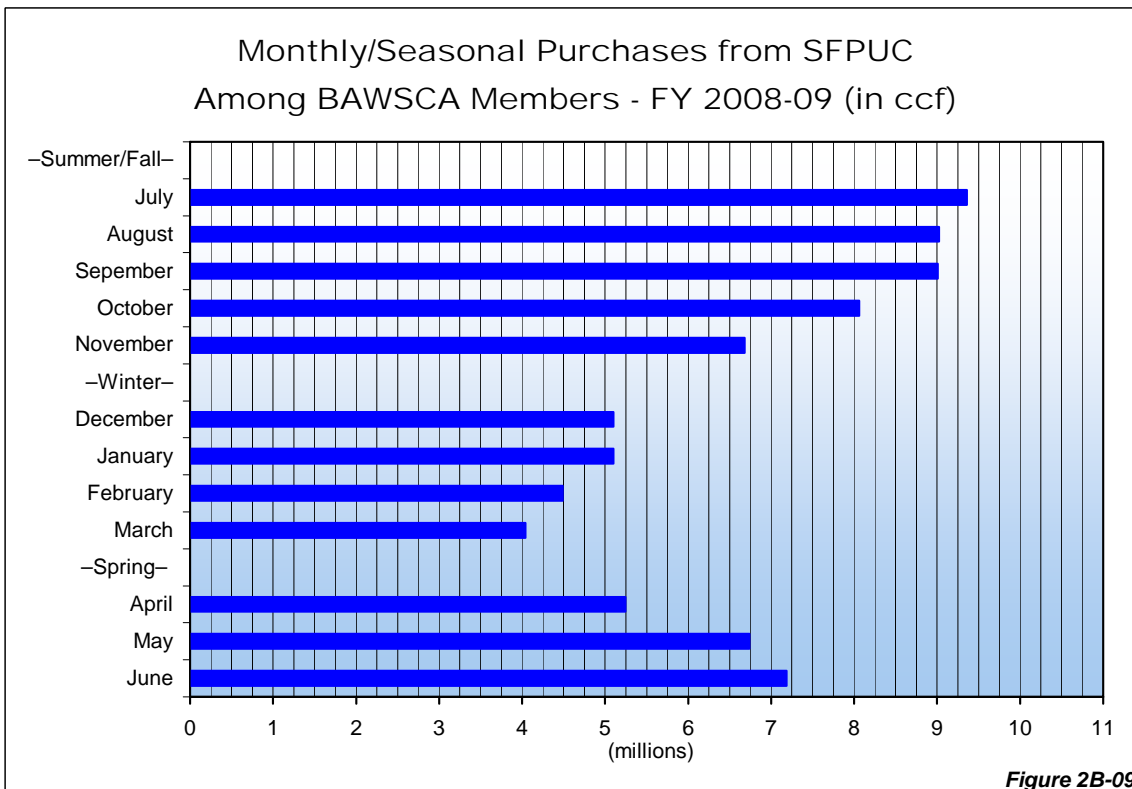
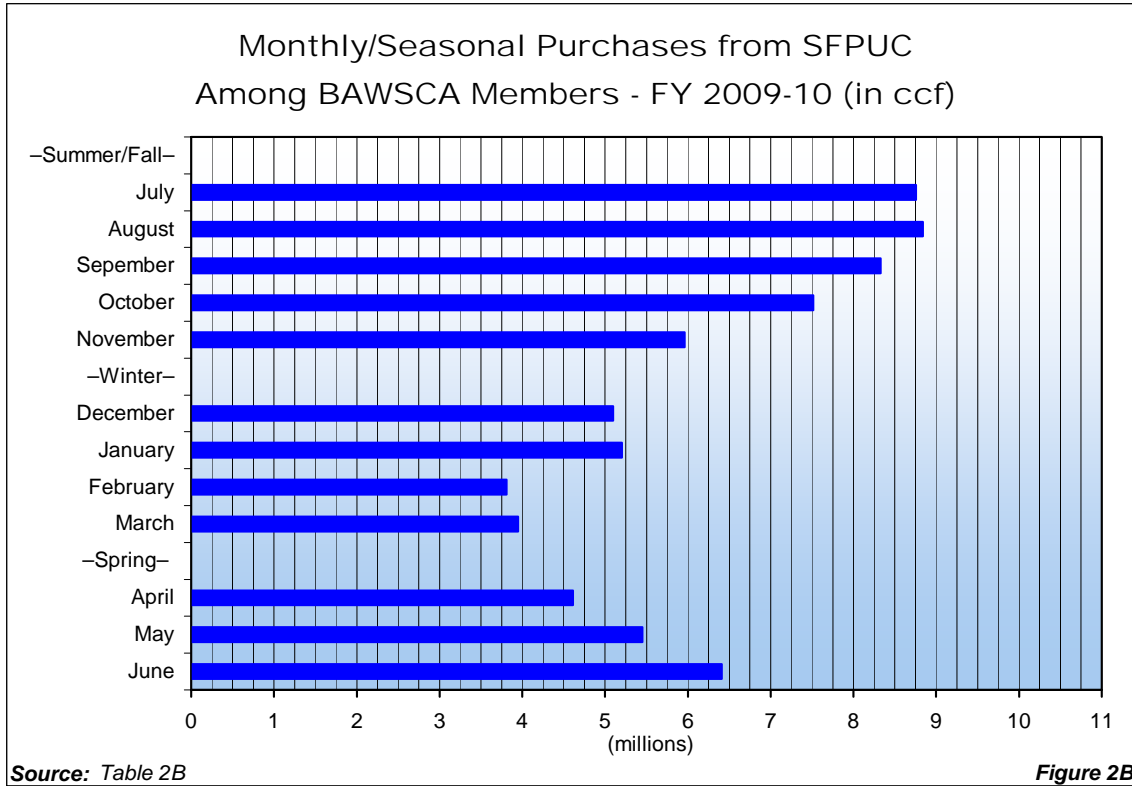
1 Hayward has a unique contract that does not place quantified limits on their purchases from SFPUC. For reporting purposes here, the "supply assurance" shown for Hayward is their current year purchase (FY 2009-10). The "Residual" total is a calculated number to bring the total to 184 mgd.

Note: Some agencies purchase SFPUC water which is then conveyed to a neighboring agency. The receiving agency is credited with this purchase; the transferring agency debited.

Note: From 2002-2005, Daly City, CWS-South San Francisco, and San Bruno participated in a pilot conjunctive use program whereby surplus surface water was purchased in lieu of groundwater pumping. Currently, only Daly City has continued with the program on a long term basis. Purchase totals exclude supplemental water purchases. See Table 2D.

Source: BAWSCA Annual Surveys

Table 2A



Source for Figures 2B and 2B-09: SFPUC Commercial Division

Monthly/Seasonal Purchases from SFPUC Among BAWSCA Members - FY 2009-10 (in ccf)

SFPUC Commercial Division Records Data ¹

Member	Summer/Fall					Winter					Spring			Year			
	July	Aug	Sept	Oct	Total	Dec	Jan	Feb	March	Total	April	May	June	Total	mgd		
* Alameda CWD	558,034	561,626	515,528	474,173	288,635	2,397,996	354,800	576,324	250,383	370,065	1,551,572	484,730	393,922	445,820	1,324,472	5,274,040	10.81
Brisbane	17,598	15,572	16,447	14,416	10,751	74,784	6,307	5,592	5,309	5,544	22,752	7,157	9,013	11,187	27,357	124,893	0.26
Burlingame	212,986	230,198	194,037	210,343	163,714	1,011,278	133,885	119,402	121,491	110,588	485,366	112,885	154,042	154,043	420,970	1,917,614	3.93
* CWS - Bear Gulch	658,408	939,541	759,922	667,662	451,300	3,476,833	317,209	250,109	163,402	120,545	851,265	201,191	307,000	516,815	1,025,006	5,353,104	10.97
CWS - Mid Peninsula	878,161	764,566	782,884	695,020	590,810	3,711,441	496,732	477,926	391,311	393,159	1,759,128	396,671	576,162	570,456	1,543,289	7,013,858	14.37
* CWS - South SF 2	403,712	352,006	363,740	349,320	281,911	1,750,689	252,413	271,033	222,947	251,453	997,846	244,189	252,675	277,402	774,266	3,522,801	7.22
* Coastside	46,080	109,600	179,972	92,784	85,276	513,712	60,358	49,219	45,085	42,260	196,922	48,834	69,745	59,599	178,178	888,812	1.82
* Daly City 2	302,365	257,182	280,926	225,697	254,831	1,321,001	198,990	227,471	110,258	103,195	639,614	128,988	153,090	228,899	510,977	2,471,592	5.07
East Palo Alto	72,443	101,396	90,754	87,965	71,377	423,935	59,309	66,096	55,633	54,655	235,693	64,135	77,451	84,303	225,889	885,517	1.81
Estero	325,095	278,899	282,092	231,574	201,625	1,319,285	163,337	142,873	116,457	121,298	543,965	126,201	200,435	202,989	529,625	2,392,875	4.90
Guadalupe Valley	18,785	17,613	16,324	14,074	12,178	78,974	12,174	11,649	8,370	8,782	40,975	10,572	11,720	11,760	34,052	154,001	0.32
** Hayward	1,050,315	887,440	862,514	840,877	681,201	4,322,347	505,302	653,869	403,980	581,782	2,144,933	660,360	627,389	756,057	2,043,806	8,511,086	17.44
Hillsborough	230,616	208,356	211,580	181,062	100,207	931,821	106,622	56,827	39,228	41,658	244,335	54,514	93,762	123,051	271,327	1,447,483	2.97
Menlo Park	187,125	193,905	180,204	154,768	111,451	827,453	81,706	80,505	66,975	69,187	298,373	86,539	119,538	152,615	358,692	1,484,518	3.04
Mid-Peninsula	166,174	160,978	160,150	140,715	115,190	743,207	96,663	77,751	85,950	73,926	334,290	88,468	101,476	133,324	323,268	1,400,765	2.87
Millbrae	120,754	130,529	121,953	108,716	91,406	573,358	75,689	70,544	72,248	64,916	283,397	65,572	90,402	82,138	238,192	1,094,867	2.24
* Milpitas	344,697	372,249	323,185	313,587	265,355	1,619,073	217,801	222,277	173,296	183,024	796,398	192,857	218,446	238,796	650,099	3,065,570	6.28
* Mountain View	509,616	536,608	485,400	455,847	365,088	2,352,559	334,340	297,730	227,190	216,615	1,075,875	266,896	308,648	361,098	936,642	4,365,076	8.95
* North Coast	166,406	154,642	159,321	129,099	113,579	723,047	112,410	106,637	109,961	102,052	431,060	92,747	109,002	119,308	321,057	1,475,164	3.02
Palo Alto	643,600	677,052	618,228	554,752	432,928	2,926,560	306,211	302,409	249,304	252,052	1,109,976	339,387	439,410	547,210	1,326,007	5,362,543	10.99
Purissima Hills	125,845	133,306	119,512	103,569	64,194	546,426	39,386	31,816	22,335	22,274	115,811	42,252	64,403	85,962	192,617	854,854	1.75
Redwood City	557,943	552,080	544,478	454,107	379,770	2,488,378	308,005	262,404	279,726	241,631	1,091,766	296,946	349,667	462,500	1,109,113	4,689,257	9.61
* San Bruno 2	86,863	118,463	91,541	77,125	59,914	433,906	43,587	40,410	38,425	36,721	159,143	27,589	40,863	51,553	120,005	713,054	1.46
* San Jose	237,093	238,292	221,096	212,939	173,532	1,082,952	137,740	124,854	106,331	111,674	480,599	123,120	155,448	173,221	451,789	2,015,340	4.13
* Santa Clara	136,646	123,331	100,018	103,975	89,998	553,968	82,022	87,230	86,508	87,730	343,490	80,702	90,216	79,289	250,207	1,147,665	2.35
* Stanford University	112,184	113,252	104,057	101,315	94,212	525,020	64,961	58,568	64,203	64,877	252,609	73,818	92,083	100,334	266,235	1,043,864	2.14
* Sunnyvale	524,347	572,438	508,596	476,849	374,362	2,456,592	495,614	503,992	267,870	192,766	1,460,242	268,376	308,118	344,988	921,482	4,838,316	9.92
Westborough	60,944	36,544	34,587	41,971	33,654	207,700	31,285	31,022	24,060	23,249	109,616	27,773	35,377	31,594	94,744	412,060	0.84
Totals	8,754,835	8,837,664	8,329,046	7,514,301	5,958,449	39,394,295	5,094,558	5,206,539	3,808,236	3,947,678	18,057,011	4,613,469	5,449,503	6,406,311	16,469,283	73,920,589	151.49

Seasonal Comparisons	Summer/Fall		Winter		Spring		Year	
	Year	Total	Year	Total	Year	Total	mgd	
1998-99	42,982,122	18,620,919	1998-99	18,620,919	1998-99	20,611,816	82,214,857	168.48
1999-00	43,270,053	19,477,554	1999-00	19,477,554	1999-00	21,899,953	84,647,560	173.47
2000-01	43,244,838	19,777,579	2000-01	19,777,579	2000-01	22,304,976	85,327,393	174.86
2001-02	43,085,082	18,828,291	2001-02	18,828,291	2001-02	21,648,803	83,562,176	171.25
2002-03	43,448,746	19,588,654	2002-03	19,588,654	2002-03	19,624,766	82,662,166	169.40
2003-04	45,402,020	18,817,779	2003-04	18,817,779	2003-04	24,260,946	88,480,745	181.32
2004-05	43,634,362	18,950,296	2004-05	18,950,296	2004-05	19,088,208	81,672,866	167.37
2005-06	43,420,410	19,016,132	2005-06	19,016,132	2005-06	17,818,603	80,255,145	164.47
2006-07	43,945,621	19,334,891	2006-07	19,334,891	2006-07	22,498,624	85,779,136	175.79
2007-08	41,833,467	19,711,571	2007-08	19,711,571	2007-08	23,073,285	84,618,323	173.41
2008-09	42,129,812	18,732,019	2008-09	18,732,019	2008-09	19,172,178	80,034,009	164.01
Since 1983-84	Record Highs: 2003-04 45,402,020	Record Lows: 1991-92 30,326,000	Record Highs: 1987-88 21,979,000	Record Lows: 1983-84 13,429,000	Record Highs: 1986-87 25,083,000	Record Lows: 1990-91 13,464,000	Record Highs: 1986-87 87,185,311	Record Lows: 1991-92 126.79

1 Data in this table is derived from SFPUC sales records, and since local agency customer meters are read throughout the month, figures reported here may not match agency purchase numbers shown in other parts of the survey or represent actual monthly use for the month shown (i.e., June figures could include partial May purchases depending on when meters are read).

2 Beginning in FY 2002-03, these agencies began participating in a conjunctive use study with the SFPUC. Additional surface water supplies are utilized in lieu of groundwater pumping when available. Impacts to the groundwater basin are being monitored. Daly City's total of 2,471,592 ccf includes 904,854 ccf in supplemental water purchases. See Table 2D.

* Agency has other sources besides SFPUC.

**Includes 93,042 ccf for intertie credit.

Source: SFPUC Commercial Division Records

Table 2B

Historical SFPUC Wholesale Water Purchases
by BAWUA/BAWSCA Agencies*

1930-31 to Present

Year	ccf	mgd	acre feet	% Change	Year	ccf	mgd	acre feet	% Change
1930-31	1,512,700	3.1	3,473		1970-71	64,753,340	132.7	148,653	-4.5
1931-32	1,366,310	2.8	3,137	-9.7	1971-72	69,486,629	142.4	159,519	7.3
1932-33	1,317,513	2.7	3,025	-3.6	1972-73	65,046,121	133.3	149,325	-6.4
1933-34	1,268,717	2.6	2,913	-3.7	1973-74	68,705,880	140.8	157,727	5.6
1934-35	1,171,123	2.4	2,689	-7.7	1974-75	71,145,722	145.8	163,328	3.6
1935-36	1,219,920	2.5	2,801	4.2	1975-76	75,147,059	154.0	172,514	5.6
1936-37	1,659,091	3.4	3,809	36.0	1976-77	65,143,717	133.5	149,549	-13.3
1937-38	2,439,840	5.0	5,601	47.1	1977-78	48,113,636	98.6	110,454	-26.1
1938-39	3,122,995	6.4	7,169	28.0	1978-79	62,899,064	128.9	144,396	30.7
1939-40	4,391,711	9.0	10,082	40.6	1979-80	66,558,824	136.4	152,798	5.8
1940-41	3,562,166	7.3	8,178	-18.9	1980-81	72,463,235	148.5	166,353	8.9
1941-42	3,757,353	7.7	8,626	5.5	1981-82	71828877	147.2	164,896	-0.9
1942-43	4,196,524	8.6	9,634	11.7	1982-83	70,950,535	145.4	162,880	-1.2
1943-44	5,562,834	11.4	12,771	32.6	1983-84	79,441,176	162.8	182,372	12.0
1944-45	8,734,625	17.9	20,052	57.0	1984-85	82,759,358	169.6	189,989	4.2
1945-46	8,393,048	17.2	19,268	-3.9	1985-86	83,149,733	170.4	190,886	0.5
1946-47	9,076,203	18.6	20,836	8.1	1986-87	90,176,471	184.8	207,017	8.5
1947-48	9,612,968	19.7	22,068	5.9	1987-88	88,273,396	180.9	202,648	-2.1
1948-49	9,710,561	19.9	22,292	1.0	1988-89	67,241,979	137.8	154,366	-23.8
1949-50	9,564,171	19.6	21,956	-1.5	1989-90	78,221,257	160.3	179,571	16.3
1950-51	11,223,262	23.0	25,765	17.3	1990-91	64,509,358	132.2	148,093	-17.5
1951-52	12,784,759	26.2	29,350	13.9	1991-92	61,191,176	125.4	140,476	-5.1
1952-53	14,590,240	29.9	33,495	14.1	1992-93	64,899,733	133.0	148,989	6.1
1953-54	17,176,470	35.2	39,432	17.7	1993-94	72,707,219	149.0	166,913	12.0
1954-55	21,763,368	44.6	49,962	26.7	1994-95	71,596,604	146.7	164,363	-1.5
1955-56	23,324,866	47.8	53,547	7.2	1995-96	79,502,660	162.9	182,513	11.0
1956-57	25,911,095	53.1	59,484	11.1	1996-97	83,211,705	170.5	191,028	4.7
1957-58	22,690,507	46.5	52,090	-12.4	1997-98	77,305,829	158.4	177,470	-7.1
1958-59	27,814,170	57.0	63,853	22.6	1998-99	82,214,786	168.5	188,739	6.4
1959-60	30,937,165	63.4	71,022	11.2	1999-00	84,647,794	173.5	194,325	3.0
1960-61	32,010,694	65.6	73,486	3.5	2000-01	85,327,533	174.9	195,885	0.8
1961-62	34,255,347	70.2	78,639	7.0	2001-02	83,562,066	171.2	191,832	-2.1
1962-63	38,256,683	78.4	87,825	11.7	2002-03	82,654,243	169.4	189,748	-1.1
1963-64	44,161,095	90.5	101,380	15.4	2003-04	88,480,297	181.3	203,123	7.0
1964-65	47,430,480	97.2	108,885	7.4	2004-05	81,672,866	167.4	187,495	-7.7
1965-66	52,700,533	108.0	120,984	11.1	2005-06	80,255,145	164.5	184,240	-1.7
1966-67	54,652,405	112.0	125,465	3.7	2006-07	85,779,136	175.8	196,922	6.9
1967-68	63,972,592	131.1	146,861	17.1	2007-08	84,618,323	173.4	194,257	-1.4
1968-69	61,630,346	126.3	141,484	-3.7	2008-09	80,034,009	164.0	183,733	-5.4
1969-70	67,778,741	138.9	155,599	10.0	2009-10	73,920,589	151.5	169,698	-7.6

* These totals may differ slightly from other totals found in the survey due to source/rounding variables.

Note: The above totals are inclusive of supplemental water purchases. See Table 2D.

Source: SFPUC Commercial Division Records

Table 2C

Supplemental SFPUC Water Purchases by Participating BAWSCA Agencies (in ccf)

Year	CWS-South			Total ccf	Total mgd
	San Francisco	Daly City	San Bruno		
2002-03	144,508	933,975	459,969	1,538,452	3.15
2003-04	167,334	774,615	482,564	1,424,513	2.92
2004-05	0	1,348,045	674,241	2,022,286	4.14
2005-06	0	1,479,323	0	1,479,323	3.03
2006-07	0	1,160,313	0	1,160,313	2.38
2007-08	0	0	0	0	0.00
2008-09	0	165,750	0	165,750	0.34
2009-10	0	904,856	0	904,856	1.85

Starting in FY2002-03, Cal Water (South San Francisco), Daly City, and San Bruno participated in a pilot conjunctive use program whereby surplus SFPUC water was purchased (at a reduced rate) in lieu of pumping that same amount of water from the groundwater basin. Daly City has continued with the program on a longer term basis.

This program increases storage levels in the groundwater basin during times surplus water is available thereby making groundwater available to the regional system during dry periods when SFPUC water may be in short supply. As shown above, in FY 2007-08 and FY 2008-09 Daly City made little or no supplemental purchases; indicative of relatively dry years. Daly City's supplemental purchases increased in FY 2009-10; indicative of a wetter year.

Source: BAWSCA FY 2009-10 Annual Survey

Table 2D

3. Total Water Supply and Demand

Historical Water Use Among BAWUA/BAWSCA Agencies*

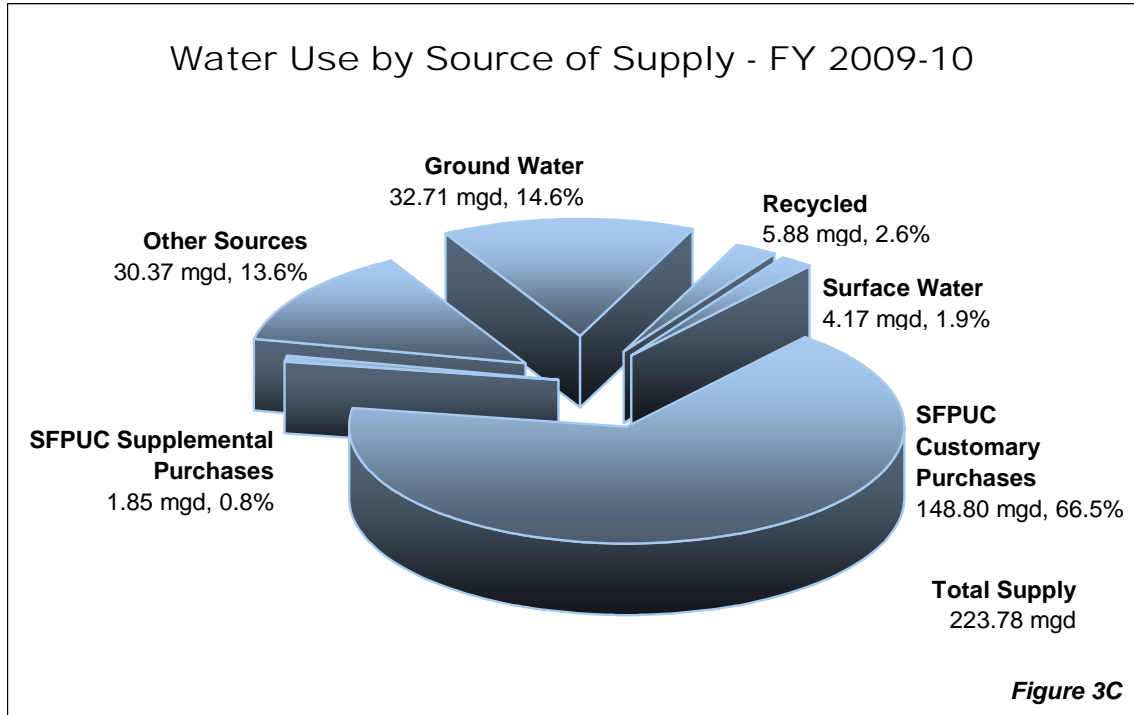
1975-76 to Present

Year	ccf	mgd	acre feet	% Change
1975-76	103,703,209	212.5	238,070	
1976-77	78,114,973	160.1	179,327	-24.7
1977-78	80,544,118	165.1	184,904	3.1
1978-79	90,148,396	184.7	206,952	11.9
1979-80	96,016,043	196.8	220,423	6.5
1980-81	101,655,080	208.3	233,368	5.9
1981-82	101,114,973	207.2	232,128	-0.5
1982-83	102,072,193	209.2	234,326	0.9
1983-84	114,223,262	234.1	262,221	11.9
1984-85	113,288,770	232.2	260,075	-0.8
1985-86	120,854,314	247.7	277,443	6.7
1986-87	127,159,730	260.6	291,919	5.2
1987-88	124,103,553	254.3	284,903	-2.4
1988-89	106,443,629	218.1	244,361	-14.2
1989-90	109,228,602	223.8	250,754	2.6
1990-91	99,723,401	204.4	228,933	-8.7
1991-92	96,016,663	196.8	220,424	-3.7
1992-93	99,696,012	204.3	228,871	3.8
1993-94	110,889,985	227.2	254,568	11.2
1994-95	107,889,859	221.1	247,681	-2.7
1995-96	119,077,619	244.0	273,365	10.4
1996-97	126,956,796	260.2	291,453	6.6
1997-98	118,081,751	242.0	271,078	-7.0
1998-99	124,630,030	255.4	286,111	5.5
1999-00	128,677,573	263.7	295,403	3.2
2000-01	128,905,099	264.2	295,925	0.2
2001-02	124,144,929	254.4	284,998	-3.7
2002-03	120,903,117	247.8	277,555	-2.6
2003-04	127,998,331	262.3	293,844	5.9
2004-05	117,674,592	241.2	270,144	-8.1
2005-06	118,364,630	242.6	271,728	0.6
2006-07	124,199,560	254.5	285,123	4.9
2007-08	125,436,068	257.1	287,962	1.0
2008-09	117,909,838	241.6	270,684	-6.0
2009-10	108,291,581	221.9	248,603	-8.2

*Inclusive of unaccounted for water; excludes supplemental purchases (see Table 2D).

Source: BAWUA/BAWSCA Annual Surveys

Table 3B



Water Use by Source of Supply - FY 2009-10 (in ccf)

Member	SFPUC Purchases			Local Sources (non-SFPUC)				Other Sources				Totals		
	Customary	Supplemental	% of Supply	Ground Water	% of Supply	Surface Water	% of Supply	Recycled Water	% of Supply	Other Sources	% of Supply	Total Supply	mgd Equiv	% of Total
San Mateo County														
Brisbane	123,803	0	100.0%	0	0%	0	0%	0	0%	0	0.0%	123,803	0.25	0.11%
Burlingame	1,920,815	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,920,815	3.94	1.76%
CWS - Bear Gulch	5,243,496	0	91.0%	0	0%	519,242	9.0%	0	0%	0	0.0%	5,762,738	11.81	5.28%
CWS - Mid Peninsula	7,062,049	0	100.0%	0	0%	0	0.0%	0	0%	0	0%	7,062,049	14.47	6.47%
CWS - South SF	3,510,453	0	95.2%	178,618	4.8%	0	0%	0	0%	0	0%	3,689,071	7.56	3.38%
Coastside	887,675	0	90.0%	8,408	0.9%	31,363	3.2%	0	0%	59,038	6.0%	986,484	2.02	0.90%
Daly City	1,542,719 *	904,856	47.2%	819,239	25.0%	0	0%	4,064	0.1%	0	0.00%	3,270,878	6.70	3.00%
East Palo Alto	842,883 **	0	100.0%	0	0.00%	0	0%	0	0%	0	0%	842,883	1.73	0.77%
Estero	2,392,839	0	100.0%	0	0%	0	0%	0	0%	0	0%	2,392,839	4.90	2.19%
Guadalupe Valley	152,798	0	100.0%	0	0%	0	0%	0	0%	0	0.0%	152,798	0.31	0.14%
Hillsborough	1,470,409	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,470,409	3.01	1.35%
Menlo Park	1,556,801	0	100.0%	0	0%	0	0%	0	0%	0	0.0%	1,556,801	3.19	1.43%
Mid-Peninsula	1,390,831	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,390,831	2.85	1.27%
Millbrae	1,094,867	0	99.4%	0	0%	0	0%	6,684	1%	0	0%	1,101,551	2.26	1.01%
North Coast	1,471,838	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,471,838	3.02	1.35%
Redwood City	4,689,257	0	95.9%	0	0%	0	0%	201,867	4.1%	0	0%	4,891,124	10.02	4.48%
San Bruno	735,442	0	41.3%	1,045,262	58.7%	0	0%	0	0%	0	0.0%	1,780,704	3.65	1.63%
Westborough	394,878	0	100.0%	0	0%	0	0%	0	0%	0	0%	394,878	0.81	0.36%
Subtotal	36,483,853	904,856	92.9%	2,051,527	5.1%	550,605	1.4%	212,615	0.53%	59,038	0.1%	40,262,494	82.51	36.87%
mgd equiv	74.77	1.85		4.20		1.13		0.44		0.12		82.51		
Santa Clara County														
Milpitas	3,044,020	0	62.4%	0	0%	0	0%	374,859	7.7%	1,459,979	29.9%	4,878,858	10.00	4.47%
Mountain View	4,332,561	0	85.3%	189,877	3.7%	0	0%	116,116	2%	442,180	8.7%	5,080,734	10.41	4.65%
Palo Alto	5,362,816	0	93.8%	0	0%	0	0%	352,532	6.2%	0	0%	5,715,348	11.71	5.23%
Purissima Hills	854,854	0	100.0%	0	0%	0	0%	0	0%	0	0%	854,854	1.75	0.78%
San Jose	1,998,932	0	91.4%	0	0.0%	0	0%	188,986	8.6%	0	0%	2,187,918	4.48	2.00%
Santa Clara	1,105,658	0	10.9%	6,150,700	60.7%	0	0%	1,043,046	10.3%	1,839,925	18.1%	10,139,329	20.78	9.29%
Stanford	1,043,864	0	67.5%	149,039	9.6%	352,508	22.8%	0	0%	0	0%	1,545,411	3.17	1.42%
Sunnyvale	4,771,741	0	51.0%	767,648	8.2%	0	0%	578,995	6.2%	3,236,552	34.6%	9,354,936	19.17	8.57%
Subtotal	22,514,446	0	56.6%	7,257,264	18.3%	352,508	0.9%	2,654,534	6.7%	6,978,636	17.6%	39,757,387	81.48	36.41%
mgd equiv	46.14	0.00		14.87		0.72		5.44		14.30		81.48		
Alameda County														
Alameda CWD	5,102,005	0	24.7%	6,651,067	32.2%	1,131,689	5.5%	0	0%	7,780,729	37.7%	20,665,490	42.35	18.9%
Hayward	8,511,066	0	100.0%	0	0%	0	0%	0	0%	0	0.0%	8,511,066	17.44	7.8%
Subtotal	13,613,071	0	46.7%	6,651,067	22.8%	1,131,689	3.9%	0	0%	7,780,729	26.7%	29,176,556	59.79	26.72%
mgd equiv	27.90	0.00		13.63		2.32		0		15.95		59.79		
Total	72,611,370	904,856	67.3%	15,959,858	14.6%	2,034,802	1.9%	2,867,149	2.6%	14,818,403	13.6%	109,196,437	223.78	100.0%
mgd equiv	148.80	1.85		32.71		4.17		5.88		30.37		223.78		

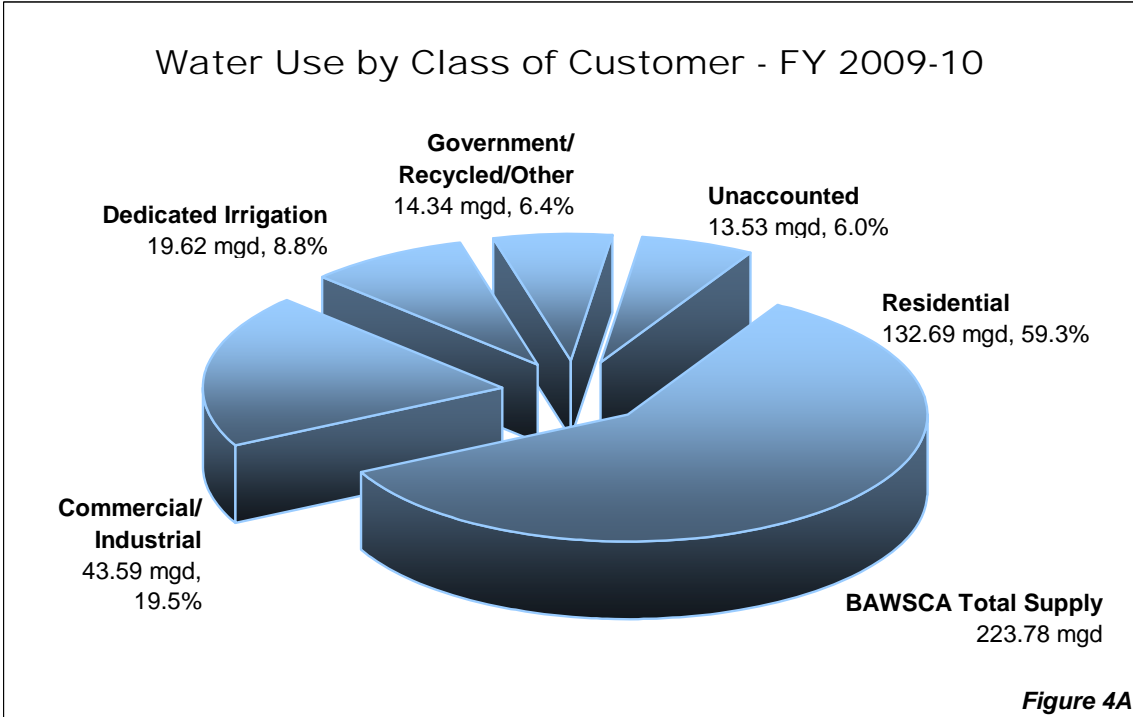
*The total recycled water noted here is the portion that actually replaces a potable supply. Total recycled water delivered was 219,198 ccf.

**Excludes SFPUC water conveyed to Menlo Park (43,708)

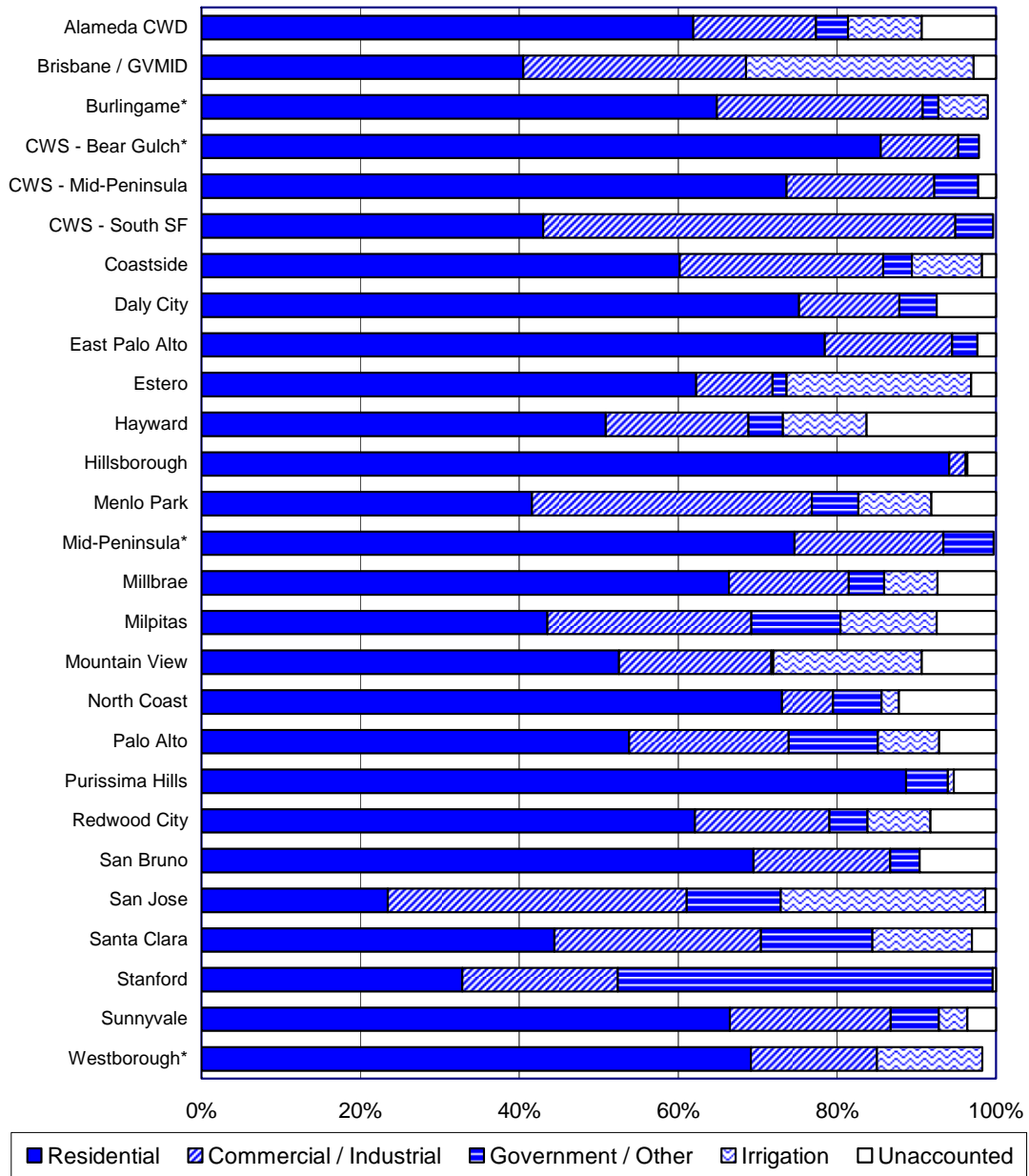
Source: BAWSCA FY 2009-10 Annual Survey

Table 3C

4. Current Water Use by Class of Customer



Water Use by Sector for BAWSCA Agencies - FY 2009-10



* Negative unaccounted for amounts not displayed.

Figure 4B

Water Consumption by Class of Customer - FY 2009-10 (in ccf)

Member	Residential			Non-Residential					Dedicated Irrigation	Unaccounted	Total Consumption	
	Single Family	Multiple Family	Subtotal	Commercial	Industrial	Comm/Ind Subtotal	Gov't, Recyc, Other	Subtotal			mgd	
San Mateo County												
Brisbane / GVMID	87,720	24,317	112,037	77,529	0	77,529	0	77,529	79,279	7,756	276,601	0.57
Burlingame	901,203	372,058	1,273,261	218,449	289,839	508,288	39,037	547,325	121,123	-20,894	1,920,815	3.94
CWS - Bear Gulch	5,040,959	106,398	5,147,357	583,190	2,550	585,740	157,927	743,667	0	-128,286	5,762,738	11.81
CWS - Mid-Peninsula	4,227,834	973,851	5,201,685	1,282,487	27,278	1,309,765	390,390	1,700,155	0	160,209	7,062,049	14.47
CWS - South SF	1,426,539	172,865	1,599,404	1,607,686	320,363	1,928,049	175,971	2,104,020	0	-14,353	3,689,071	7.56
Coastside	553,663	39,858	593,521	125,226	127,798	253,024	35,646	288,670	86,691	17,602	986,484	2.02
Daly City	1,713,027	747,605	2,460,632	412,073	0	412,073	154,113	566,186	0	244,060	3,270,878	6.70
East Palo Alto*	661,042	0	661,042	0	135,337	135,337	26,523	161,860	0	19,981	842,883	1.73
Estero	667,576	822,499	1,490,075	192,259	37,699	229,958	41,563	271,521	556,285	74,958	2,392,839	4.90
Hillsborough	1,383,823	0	1,383,823	30,661	0	30,661	2,820	33,481	0	53,105	1,470,409	3.01
Menlo Park	543,758	104,032	647,790	229,159	319,117	548,276	90,844	639,120	142,781	127,110	1,556,801	3.19
Mid-Peninsula	825,109	219,513	1,044,622	228,189	33,765	261,954	88,623	350,577	0	-4,368	1,390,831	2.85
Millbrae	563,919	167,144	731,063	166,457	0	166,457	48,922	215,379	74,097	81,012	1,101,551	2.26
North Coast	927,434	148,252	1,075,686	93,985	0	93,985	90,391	184,376	31,804	179,972	1,471,838	3.02
Redwood City	2,165,738	872,044	3,037,782	827,175	83	827,258	233,756	1,061,014	388,035	404,293	4,891,124	10.02
San Bruno*	1,236,845	0	1,236,845	306,564	0	306,564	66,388	372,952	0	170,907	1,780,704	3.65
Westborough*	282,907	0	282,907	64,799	0	64,799	0	64,799	54,211	-7,039	394,878	0.81
Subtotal	23,209,096	4,770,436	27,979,532	6,445,888	1,293,829	7,739,717	1,642,914	9,382,631	1,534,306	1,366,025	40,262,494	82.51
mgd equiv	47.56	9.78	57.34	13.21	2.65	15.86	3.37	19.23	3.14	2.80	82.51	
Santa Clara County												
Milpitas	1,523,984	600,618	2,124,602	632,545	619,454	1,251,999	546,856	1,798,855	590,328	365,073	4,878,858	10.00
Mountain View	1,256,112	1,414,463	2,670,575	765,163	207,304	972,467	13,674	986,141	950,104	473,914	5,080,734	10.41
Palo Alto	2,340,384	733,903	3,074,287	842,300	307,237	1,149,537	641,834	1,791,371	440,629	409,061	5,715,348	11.71
Purissima Hills	757,974	0	757,974	0	0	0	45,155	45,155	6,163	45,562	854,854	1.75
San Jose	117,485	395,397	512,882	113,089	709,699	822,788	259,611	1,082,399	562,564	30,073	2,187,918	4.48
Santa Clara	2,451,564	2,054,265	4,505,829	1,555,470	1,079,307	2,634,777	1,421,161	4,055,938	1,271,243	306,319	10,139,329	20.78
Stanford	182,357	325,111	507,468	50,837	251,859	302,696	728,732	1,031,428	0	6,515	1,545,411	3.17
Sunnyvale	3,178,317	2,419,406	5,597,723	0	1,704,022	1,704,022	508,202	2,212,224	1,241,257	303,732	9,354,936	19.17
Subtotal	11,808,177	7,943,163	19,751,340	3,959,404	4,878,882	8,838,286	4,165,225	13,003,511	5,062,288	1,940,248	39,757,387	81.48
mgd equiv	24.20	16.28	40.48	8.11	10.00	18.11	8.54	26.65	10.37	3.98	81.48	
Alameda County												
Alameda CWD	9,366,131	3,321,461	12,687,592	2,062,494	1,101,027	3,163,521	821,218	3,984,739	2,082,462	1,910,697	20,665,490	42.35
Hayward	2,814,851	1,515,685	4,330,536	578,924	948,525	1,527,449	368,322	1,895,771	897,153	1,387,606	8,511,066	17.44
Subtotal	12,180,982	4,837,146	17,018,128	2,641,418	2,049,552	4,690,970	1,189,540	5,880,510	2,979,615	3,298,303	29,176,556	59.79
mgd equiv	24.96	9.91	34.88	5.41	4.20	9.61	2.44	12.05	6.11	6.76	59.79	
Total	47,198,255	17,550,745	64,749,000	13,046,710	8,222,263	21,268,973	6,997,679	28,266,652	9,576,209	6,604,577	109,196,437	223.78
mgd equiv	96.72	35.97	132.69	26.74	16.85	43.59	14.34	57.93	19.62	13.53	223.78	

* Single family amount includes multi-family

Source: BAWSCA FY 2009-10 Annual Survey

Table 4A

Number of Customer Accounts - FY 2009-10

Member	Residential			Non-Residential			Dedicated Irrigation	Total		
	Single Family*	Multiple Family	Res Subtotal	Commercial	Ind/Comm	Gov't, Non-Res Other Subtotal				
San Mateo County										
Brisbane / GVMID	1,425	120	1,545	276	0	276	0	276	89	1,910
Burlingame	6,820	738	7,558	586	270	856	504	1,360	195	9,113
CWS - Bear Gulch	16,499	76	16,575	1,378	1	1,379	143	1,522	0	18,097
CWS - Mid-Peninsula	30,955	628	31,583	3,365	94	3,459	359	3,818	0	35,401
CWS - SSF	13,796	152	13,948	1,913	63	1,976	235	2,211	0	16,159
Coastside	6,186	111	6,297	418	36	454	48	502	54	6,853
Daly City	18,238	2,761	20,998	610	0	610	212	822	0	21,820
East Palo Alto	3,923	0	3,923	212	0	212	47	259	0	4,182
Esteros	4,800	2,691	7,491	196	70	266	83	349	481	8,321
Hillsborough	4,181	0	4,181	36	0	36	45	81	0	4,262
Menlo Park	3,420	131	3,551	180	225	405	42	447	106	4,104
Mid-Peninsula	7,097	239	7,336	477	79	556	81	637	0	7,973
Millbrae	5,711	262	5,973	298	0	298	153	451	78	6,502
North Coast	11,278	125	11,403	312	0	312	631	943	66	12,412
Redwood City	18,643	1,808	20,451	2,068	2	2,070	94	2,164	551	23,166
San Bruno	10,367	889	11,256	531	0	531	355	886	0	12,142
Westborough	3,696	0	3,696	88	0	88	0	88	94	3,878
Subtotal	167,035	10,731	177,765	12,944	840	13,784	3,032	16,816	1,714	196,295
Santa Clara County										
Milpitas	12,270	1,845	14,115	619	353	972	820	1,792	607	16,514
Mountain View	11,786	2,472	14,258	1,482	622	2,104	51	2,155	976	17,389
Palo Alto	15,320	2,112	17,432	1,316	151	1,467	911	2,378	331	20,141
Purissima Hills	2,059	0	2,059	0	0	0	50	50	19	2,128
San Jose	1,136	173	1,309	100	262	362	29	391	294	1,994
Santa Clara	17,000	4,800	21,800	2,500	425	2,925	495	3,420	580	25,800
Stanford				Not Applicable						
Sunnyvale	20,154	1,474	21,628	3,295	0	3,295	78	3,373	475	25,476
Subtotal	79,725	12,876	92,601	9,312	1,813	11,125	2,434	13,559	3,282	109,442
Alameda County										
Alameda CWD	71,394	2,063	73,457	2,729	851	3,580	2,913	6,493	2,105	82,055
Hayward	27,072	1,216	28,288	1,553	1,159	2,712	295	3,007	1,276	32,571
Subtotal	98,466	3,279	101,745	4,282	2,010	6,292	3,208	9,500	3,381	114,626
Total	345,226	26,886	372,111	26,538	4,663	31,201	8,674	39,875	8,377	420,363

*Individually metered homes, townhouses, and condos

Source: BAWSCA FY 2009-10 Annual Survey

Table 4B

5. Climatological Data

Climatological Data

Rainfall

	Precipitation (Inches)			
	Redwood City*	San Jose	Newark	SF Airport
Historical Avg (1948-2005)				
	19.9	14.7	14.6	20.3
Recent Past				
FY 2006-07	7.6	9.5	8.5	11.6
FY 2007-08	11.4	11.4	10.6	15.5
FY 2008-09	12.7	11.5	10.7	14.6
FY 2009-10	21.5	17.2	15.8	21.4
FY 2009-10 Deviation from Historical Avg				
	1.6	2.5	1.2	1.1

Temperature

	Average Maximum Temperature (Degrees F)			
	Redwood City*	San Jose	Newark	SF Airport
Historical Avg (1948-2005)				
Annual	71.2	71.0	68.2	65.3
Summer**	81.9	81.5	77.0	72.3
Recent Past				
2006-07 Annual	71.3	70.1	68.6	65.2
Summer**	81.7	80.7	78.1	72.3
2007-08 Annual	71.9	70.2	68.0	64.8
Summer**	80.3	78.7	76.5	71.8
2008-09 Annual	70.3	71.7	68.7	65.6
Summer**	81.3	81.8	77.4	72.3
2009-10 Annual	65.8	69.7	67.9	65.2
Summer**	81.1	81.7	77.9	73.4
FY 2009-10 Deviation From Historical Avg				
Annual	-5.4	-1.3	-0.3	-0.1
Summer**	-0.8	0.2	0.9	1.1

*Values for Palo Alto were sometimes used in cases where Redwood City values were absent or incomplete.

**July, August, September

Source: Western Regional Climate Center

Table 5

6. Service Area Populations

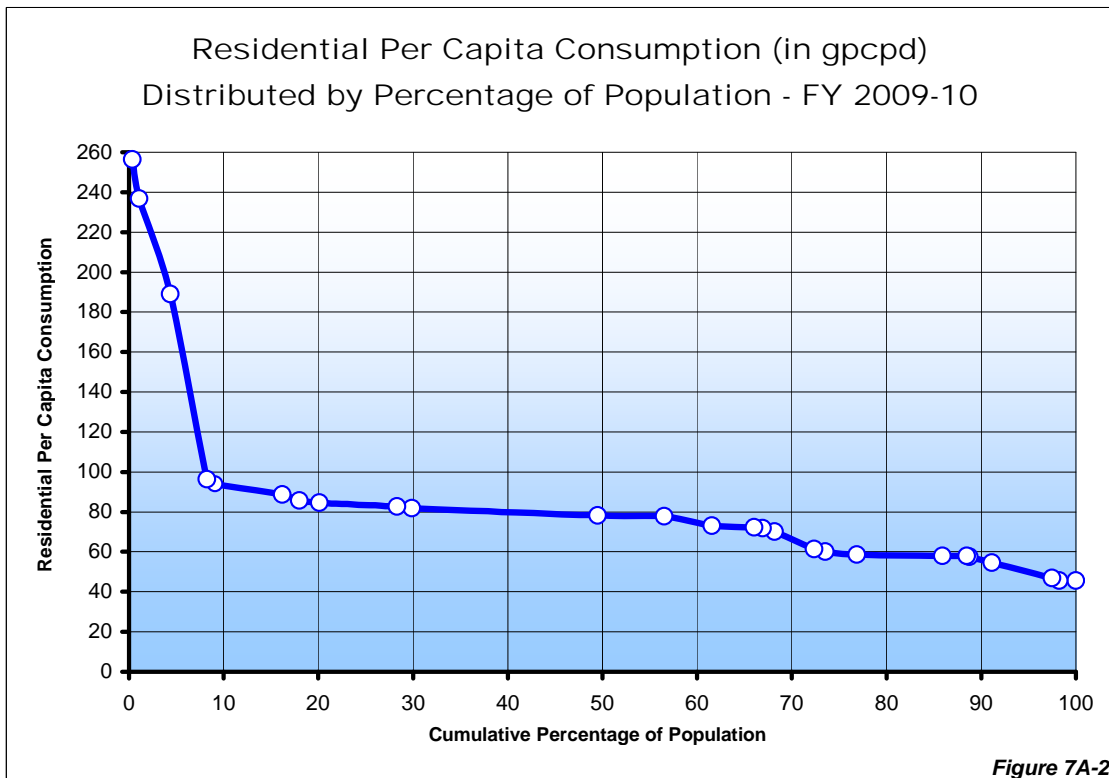
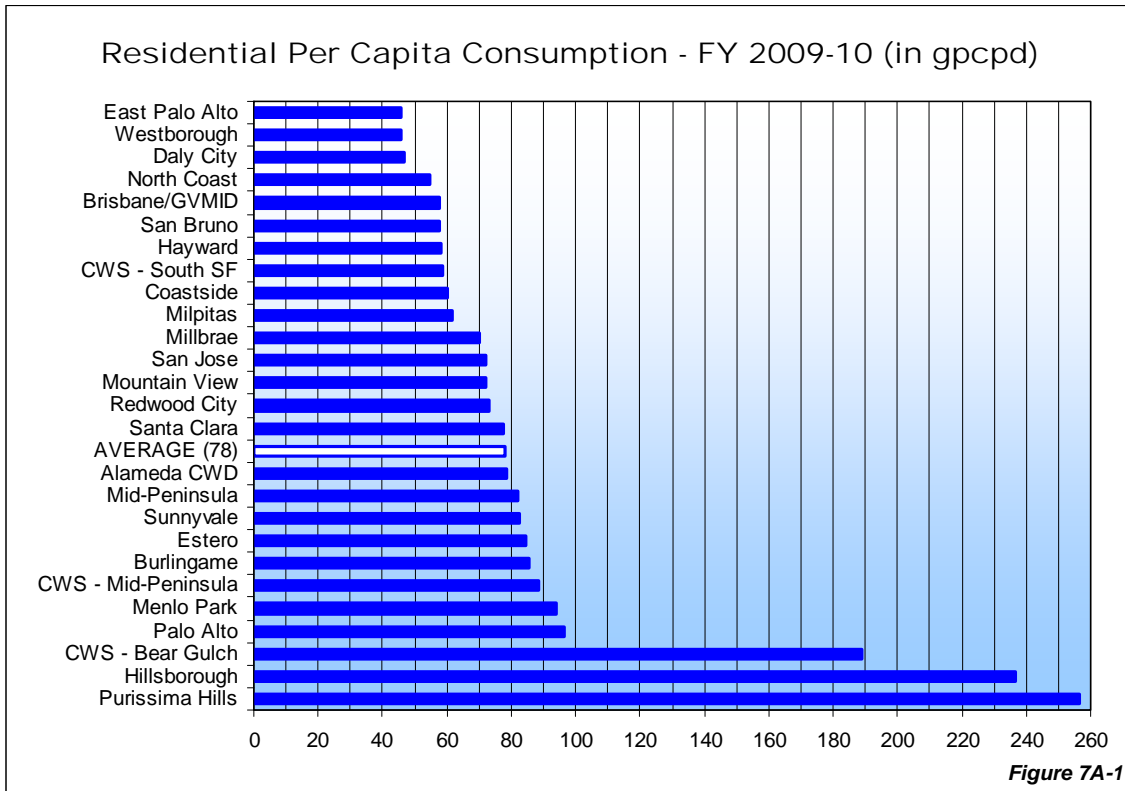
BAWSCA Service Area Populations

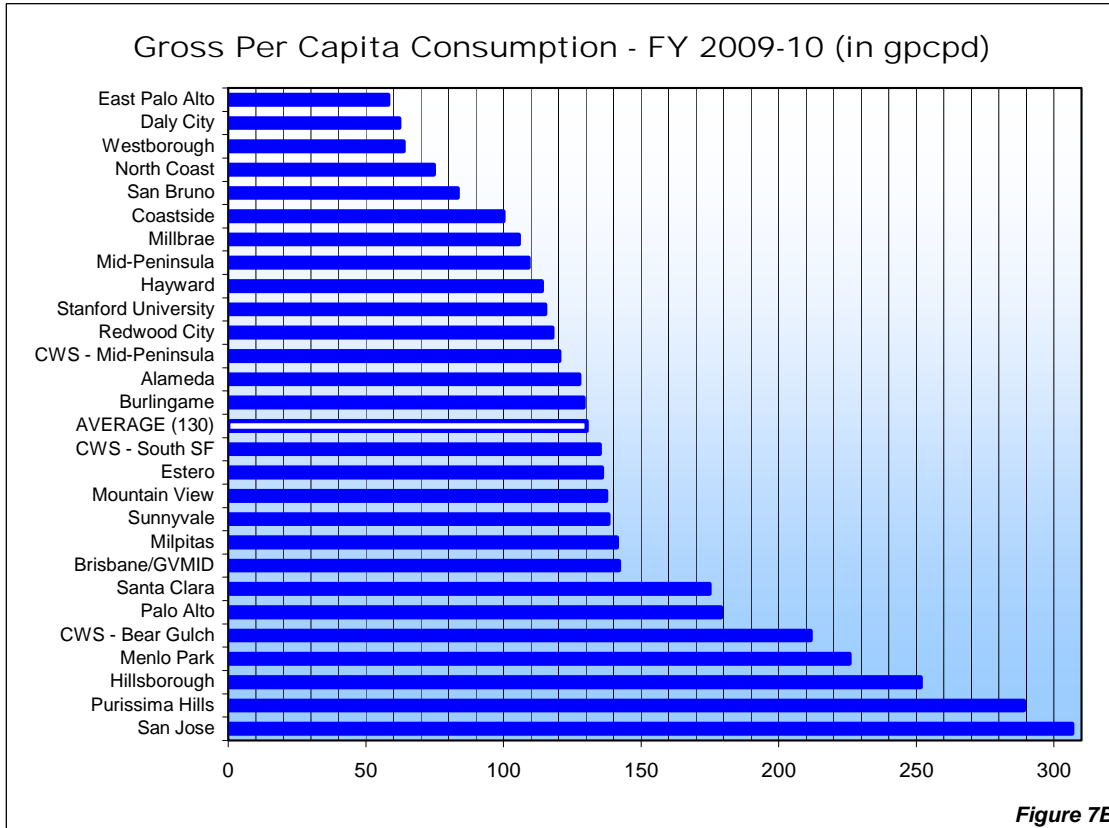
	FY 1998-99	FY 1999-00	FY 2000-01	FY 2001-02	FY 2002-03	FY 2003-04	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10
San Mateo County												
Brisbane	2,978	3,154	3,165	3,174	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,993
Burlingame	29,300	30,000	30,000	30,000	28,000	28,000	28,000	28,000	28,100	28,100	28,867	30,493
CWS - Bear Gulch	65,720	65,830	65,960	66,220	62,436	62,545	55,340	55,820	55,501	55,501	57,078	55,810
CWS - Mid-Peninsula	120,220	120,820	122,070	122,150	122,140	122,675	123,190	123,890	124,279	124,279	123,260	120,350
CWS - South SF	53,140	54,060	54,260	54,350	54,348	55,223	56,739	56,900	57,370	57,370	56,210	56,010
Coastside	15,700	17,990	18,100	18,200	16,850	17,000	17,200	17,372	17,923	18,887	19,221	20,216
Cordilleras	40	40	40	40				Not BAWSCA Member				
Daly City	105,000	104,571	103,916	104,407	104,300	104,450	104,450	104,661	106,160	106,361	107,099	107,773
East Palo Alto	25,000	27,300	28,000	28,500	31,200	31,500	31,500	25,696	29,690	29,690	29,690	29,690
Estero	34,014	34,252	34,385	34,385	34,285	34,385	34,385	34,385	34,385	36,000	36,100	36,100
Guadalupe Valley	176	443	685	685	438	438	438	438	438	438	438	w/ Brisbane
Hillsborough	11,700	11,760	10,825	10,973	10,820	10,825	10,850	10,965	10,965	10,825	10,844	11,982
Los Trancos	1,200	1,230	1,250	1,260	1002	1009		Included with CWS - Bear Gulch				
Menlo Park	10,200	10,200	10,300	10,300	10,068	10,125	10,125	10,213	10,261	10,308	14,139	14,139
Mid-Peninsula	25,500	25,500	26,050	26,050	25,000	26,050	26,050	26,050	26,050	26,050	26,050	26,130
Millbrae	21,759	21,394	21,394	21,718	20,718	20,718	20,718	20,718	20,718	21,387	21,387	21,387
North Coast	39,667	39,667	40,500	40,500	41,028	41,028	40,000	40,000	40,000	40,000	40,000	40,401
Redwood City	82,400	83,000	83,000	83,000	83,000	83,000	83,093	83,492	83,895	83,895	83,895	85,098
San Bruno	40,500	40,600	40,778	40,350	40,165	40,165	40,165	40,165	40,165	40,165	40,165	43,798
Skyline	1,628	1,631	1,649	1,649	1650	1,650	1,210	1,812	1,812	1,658	w/ CWS - Bear Gulch	
Westborough	9,990	9,990	9,990	9,990	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,690
Subtotal	695,832	703,432	706,317	707,901	702,607	705,945	698,612	695,736	702,871	706,073	709,602	716,060
Santa Clara County												
Milpitas	64,325	65,000	66,000	67,800	62,700	64,000	64,998	64,998	64,998	69,419	70,817	70,817
Mountain View	75,201	76,025	70,700	72,000	71,803	71,841	71,820	72,033	73,262	73,932	74,762	75,787
Palo Alto	58,100	58,400	59,350	60,350	60,465	60,246	59,900	62,148	62,148	63,467	63,400	65,408
Purissima Hills	5,800	5,800	5,800	6,075	6,000	6,000	6,000	6,000	6,050	6,050	6,050	6,060
San Jose	7,000	7,000	7,000	11,742	11,800	12,000	13,623	12,400	13,600	14,800	16,900	14,645
Santa Clara	101,900	102,500	103,281	104,600	106,863	108,119	103,200	110,771	114,238	114,238	117,200	118,830
Stanford	24,600	24,700	24,700	24,700	24,700	24,700	24,700	27,715	27,715	29,026	27,397	27,491
Sunnyvale	131,200	131,200	131,760	132,000	131,000	131,127	133,086	133,544	133,721	133,721	137,538	138,826
Subtotal	468,126	470,625	468,591	479,267	475,331	478,033	477,327	489,609	495,732	504,653	514,064	517,864
Alameda County												
Alameda CWD	311,750	318,250	319,400	322,450	323,200	323,200	324,838	324,800	327,652	330,786	331,293	332,000
Hayward	127,000	128,000	140,000	144,000	144,200	144,500	146,027	146,398	147,845	149,205	150,878	153,104
Subtotal	438,750	446,250	459,400	466,450	467,400	467,700	470,865	471,198	475,497	479,991	482,171	485,104
Total	1,602,708	1,620,307	1,634,308	1,653,618	1,645,338	1,651,678	1,646,804	1,656,543	1,674,100	1,690,717	1,705,837	1,719,028

Source: BAWSCA Annual Surveys

Table 6

7. Current Water Use Per Capita





Residential Per Capita Consumption and Single-Family Average Monthly Use Among BAWSCA Members - FY 2009-10

Member	Service Area Population	Residential Consumption* (ccf)	*Residential Per Capita Consumption (gpcpd)	**Single-Family Average Monthly Use (ccf)
East Palo Alto	29,690	661,042	45.6	***n/a
Westborough	12,690	282,907	45.7	***n/a
Daly City	107,773	2,460,632	46.8	7.8
North Coast	40,401	1,075,686	54.6	6.9
Brisbane/GVMID	3,993	112,037	57.5	5.1
San Bruno	43,798	1,236,845	57.9	***n/a
Hayward	153,104	4,330,536	58.0	8.7
CWS - South SF	56,010	1,599,404	58.5	8.6
Coastside	20,216	593,521	60.2	7.5
Milpitas	70,817	2,124,602	61.5	10.4
Millbrae	21,387	731,063	70.1	8.2
San Jose	14,625	512,882	71.9	8.6
Mountain View	75,787	2,670,575	72.2	8.9
Redwood City	85,098	3,037,782	73.2	9.7
Santa Clara	118,830	4,505,829	77.7	12.0
Alameda CWD	332,000	12,687,592	78.3	10.9
Mid-Peninsula	26,130	1,044,622	81.9	9.7
Sunnyvale	138,826	5,597,723	82.6	13.1
Estero	36,100	1,490,075	84.6	11.6
Burlingame	30,493	1,273,261	85.6	11.0
CWS - Mid-Peninsula	120,350	5,201,685	88.6	11.4
Menlo Park	14,139	647,790	93.9	13.2
Palo Alto	65,408	3,074,287	96.3	12.7
CWS - Bear Gulch	55,810	5,147,357	189.0	25.5
Hillsborough	11,982	1,383,823	236.7	27.6
Purissima Hills	6,060	757,974	256.3	30.7
Agency Totals	1,691,517	64,241,532		
				Average Single Family Monthly Use
				11.5
			Average Residential Per Capita Consumption	77.8

*Includes multi-family and single family accounts.

**Individually metered single family homes, townhouses, and condos.

***East Palo Alto, San Bruno, and Westborough report multi-family with single family use.

Notes: Due to its unique service area, Stanford is excluded.

Source: BAWSCA FY 2009-10 Annual Survey

Table 7A

Gross Per Capita Consumption
Among BAWSCA Members - FY 2009-10

California Water Service is separated into its three service areas.

Member	Service Area Population	*Total Consumption (ccf)	Gross Per Capita Consumption (gpcpd)
East Palo Alto	29,690	842,883	58.2
Daly City	107,773	3,270,878	62.2
Westborough	12,690	394,878	63.8
North Coast	40,401	1,471,838	74.7
San Bruno	43,798	1,780,704	83.3
Coastside	20,216	986,484	100.0
Millbrae	21,387	1,101,551	105.6
Mid-Peninsula	26,130	1,390,831	109.1
Hayward	153,104	8,511,066	113.9
Stanford University	27,491	1,545,411	115.2
Redwood City	85,098	4,891,124	117.8
CWS - Mid-Peninsula	120,350	7,062,049	120.3
Alameda	332,000	20,665,490	127.6
Burlingame	30,493	1,920,815	129.1
CWS - South SF	56,010	3,689,071	135.0
Estero	36,100	2,392,839	135.8
Mountain View	75,787	5,080,734	137.4
Sunnyvale	138,826	9,354,936	138.1
Milpitas	70,817	4,878,858	141.2
Brisbane/GVMID	3,993	276,601	142.0
Santa Clara	118,830	10,139,329	174.9
Palo Alto	65,408	5,715,348	179.1
CWS - Bear Gulch	55,810	5,762,738	211.6
Menlo Park	14,139	1,556,801	225.6
Hillsborough	11,982	1,470,409	251.5
Purissima Hills	6,060	854,854	289.1
San Jose**	14,645	2,187,918	306.2
Totals	1,719,028	109,196,437	
Average gpcpd			130.2
Median of Agencies			129.1

*Exclusive of recycled water; inclusive of unaccounted for water.

**Service area predominantly commercial/industrial.

Source: BAWSCA FY 2009-10 Annual Survey

Table 7B

Historical BAWUA/BAWSCA Per Capita Data

1975-76 to Present

Year	Service Area Population*	Water Usage** (mgd)	Gross Per Capita (gpcd)	Residential Per Capita (gpcd)
1975-76	1,162,143	212.5	182.9	114.9
1976-77	1,176,655	160.1	136.0	86.0
1977-78	1,186,121	165.1	139.2	88.1
1978-79	1,192,776	184.7	154.9	96.9
1979-80	1,205,079	196.8	163.3	103.2
1980-81	1,216,827	208.3	171.2	108.1
1981-82	1,229,452	207.2	168.5	105.6
1982-83	1,248,928	209.2	167.5	105.3
1983-84	1,294,730	234.1	180.8	113.9
1984-85	1,310,389	232.2	177.2	111.1
1985-86	1,378,899	247.7	179.6	101.5
1986-87	1,397,010	260.6	186.5	104.3
1987-88	1,420,326	254.3	179.1	100.4
1988-89	1,427,372	218.1	152.8	87.5
1989-90	1,456,522	224.0	153.8	90.3
1990-91	1,470,633	204.4	139.0	81.0
1991-92	1,474,042	196.8	133.5	76.4
1992-93	1,496,205	204.3	136.6	80.4
1993-94	1,516,040	227.2	149.9	88.0
1994-95	1,529,829	221.1	144.5	85.7
1995-96	1,536,586	244.0	158.8	93.5
1996-97	1,556,641	260.2	167.1	98.2
1997-98	1,581,970	241.5	152.7	90.0
1998-99	1,602,708	254.4	158.7	92.5
1999-00	1,620,307	261.5	161.4	95.2
2000-01	1,634,308	261.0	159.7	95.9
2001-02	1,653,618	251.5	152.1	92.2
2002-03	1,645,338	246.3	149.7	90.8
2003-04	1,651,678	259.4	157.1	94.2
2004-05	1,646,804	239.7	145.6	88.4
2005-06	1,656,543	239.4	144.5	88.1
2006-07	1,674,100	250.2	149.4	91.1
2007-08	1,690,931	250.7	148.2	89.3
2008-09	1,705,837	242.0	141.9	84.4
2009-10	1,719,028	223.8	130.2	77.8

*All BAWUA/BAWSCA agencies reporting, including Stanford and Guadalupe Valley.

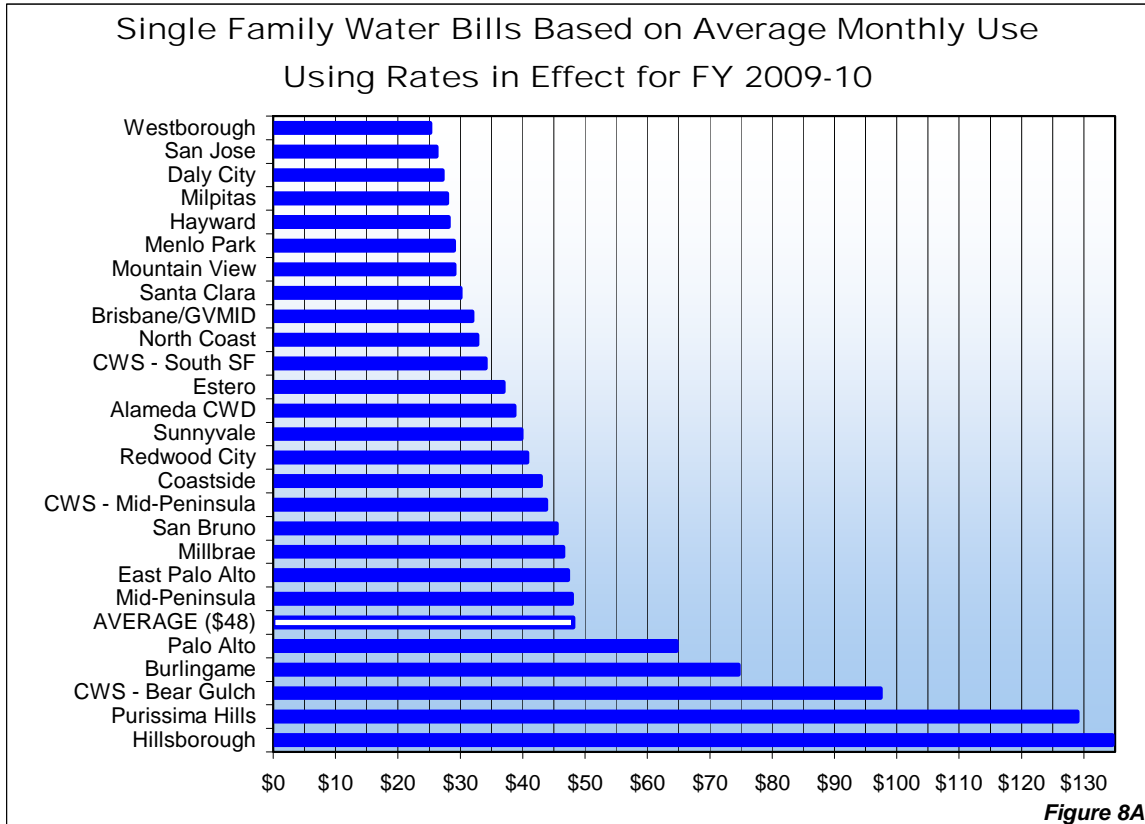
**Total water used less recycled; includes unaccounted for water.

Note: Population figures shown above may not always match those figures shown in past annual surveys due to corrected data. Also, to conform with standardized reporting of gross per capita use, recycled water use has been removed from total water usage data starting in FY 1997-98.

Source: BAWUA/BAWSCA Annual Surveys / Historical Data Files

Table 7C

8. Current Residential Water Bills



Single Family Water Bills* Based on Average Monthly Use for FY 09-10, Using Rates in Effect for FY 2009-10

Inclusive of all BAWSCA agencies except Stanford; California Water Service is separated into its three service areas.

Member	Municipalities Average Monthly Use (ccf)	Special Districts Average Monthly Use (ccf)	All Districts Average Monthly Bill
Westborough		6.4	\$25.17
San Jose	8.6		\$26.16
Daly City	7.8		\$27.11
Milpitas	10.4		\$27.84
Hayward	8.7		\$28.13
Menlo Park	13.2		\$29.00
Mountain View	8.9		\$29.03
Santa Clara	12.0		\$30.00
Brisbane/GVMID	5.1		\$31.93
North Coast		6.9	\$32.71
CWS - South San Francisco		8.6	\$34.06
Estero		11.6	\$36.92
Alameda CWD		10.9	\$38.69
Sunnyvale	13.1		\$39.83
Redwood City	9.7		\$40.69
Coastside		7.5	\$42.91
CWS - Mid-Peninsula		11.4	\$43.72
San Bruno	9.9		\$45.39
Millbrae	8.2		\$46.49
East Palo Alto		14.0	\$47.23
Mid-Peninsula		9.7	\$47.91
Palo Alto	12.7		\$64.70
Burlingame	11.0		\$74.59
CWS - Bear Gulch		25.5	\$97.39
Purissima Hills		30.7	\$128.92
Hillsborough	27.6		\$134.60
Total Averages	11.1	13.0	\$48.12

* Inclusive of any service charge.

Note: Differences in average monthly bills may reflect local capital improvements or maintenance expenditures, the size of the rate base, the extent to which revenue is generated through connections, and other factors.

Source: BAWSCA FY 2009-10 Annual Survey

Table 8A

Single Family Water Bills and Residential Rate Structure Based
on Average Monthly Use* Using Rates in Effect for FY 2009-10;
Inclusive of Service Charge

Member/ Average Monthly Use (Units)	Billing Cycle	Service Charge	Rate per ccf	Rate Blocks (ccf)	Total Monthly Bill	Remarks
Alameda CWD 10.9	Bimonthly	\$12.55	\$2.97	None	\$38.69	Effective: 2009-10
Brisbane/Guadalupe Valley MID 5.1	Bimonthly	\$20.18	\$0.00 \$1.53 \$3.97 \$4.94 \$6.13 \$7.79	0 - 1 2 3 4 - 8 9 - 16 16 +	\$31.93	Effective: 1/1/10 Billing (svc prd 10/15-12/15/08)
Burlingame 11.0	Bimonthly	\$57.96	\$4.72 \$6.31 per 1000 gallons	None	\$74.59	Effective: 7/1/09 First 2000 gallons per billing period included in bimonthly service charge
CWS - Bear Gulch 25.5	Monthly	\$12.45 5/8" meter	\$3.21 \$3.41 \$4.08	0 - 10 11 - 37 38 +	\$97.39	Effective: 2009-10 Schedule BG-1-R
CWS - Mid Peninsula 11.4	Monthly	\$8.75 5/8" meter	\$3.03 \$3.19 \$3.83	0 - 9 10 - 22 23 +	\$43.72	Effective: 2009-10 Schedule MID-1-R
CWS - South San Francisco 8.6	Monthly	\$10.77 5/8" meter	\$2.50 \$3.00	0 - 5 6 +	\$34.06	Effective: 2009-10 Schedule SS-1-R
Coastside CWD 7.5	Bimonthly	\$24.06	\$3.93 \$4.33 \$5.63 \$6.96	0 - 8 9 - 25 26 - 40 40 +	\$42.91	Effective: 2009-10
Daly City 7.8	Bimonthly	\$19.07	\$0.00 \$3.60 \$3.68 \$3.77 \$3.84 \$3.94 \$4.02 \$4.11 \$4.19 \$4.29 \$4.38	0 - 6 7 - 10 11 - 14 15 - 20 21 - 50 51 - 70 71 - 100 101 - 200 201 - 500 501 - 1000 1000 +	\$27.11	Effective: 7/1/07 In effect for FY09-10
East Palo Alto WD 14.0	Bimonthly	\$18.58	\$2.71	None	\$47.23	Effective: 2009-10 Monthly bill total does not include 5% utility tax on bimonthly bills
Estero MID 11.6	Monthly	\$16.85	\$1.73	None	\$36.92	Effective: 2009-10

* Average single family use among BAWSCA agencies varies from 5.1 to 30.7 units per month. 1 unit = 1 ccf. Includes individually metered single family homes, townhouses, and condos. It is calculated by dividing single family water use (Table 4A) by the number of single family accounts (Table 4B); divided by 12.

Single Family Water Bills and Residential Rate Structure Based
on Average Monthly Use* Using Rates in Effect for FY 2009-10;
Inclusive of Service Charge

Member/ Average Monthly Use (Units)	Billing Cycle	Service Charge	Rate per ccf	Rate Blocks (ccf)	Total Monthly Bill	Remarks
Hayward 8.7	Bimonthly	\$9.00	\$2.50 \$2.90 \$3.65 \$4.00	0 - 8 9 - 25 26 - 60 61 +	\$28.13	Effective: 2009-10
Hillsborough 27.6	Bimonthly	\$40.00 1" meter	\$3.67 \$4.33 \$4.98 \$5.95 \$7.29	0 - 20 20.1 - 50 50.1-100 100.1 - 200 200 +	\$134.60	Effective: 1/1/09
Menlo Park 13.2	Monthly	\$9.14 5/8" meter	\$1.25 \$1.57 \$1.80 \$2.51	0-5 6-10 11-25 25 +	\$29.00	Effective: 2009-10 Rate includes \$0.35 per ccf capital facilities fee
Mid-Peninsula WD 9.7	Monthly CIP	\$7.98 \$4.43	\$1.62 \$4.19 \$4.84 \$5.27	0 - 2 3 - 15 16 - 30 31 - 50	\$47.91	Effective: 2009-10
Millbrae 8.2	Bimonthly	\$23.60	\$4.23	None	\$46.49	Effective: 10/1/09
Milpitas 10.4	Bimonthly	\$20.56	\$1.62 \$3.41	0 - 20 20 +	\$27.84	Effective: 6/4/09
Mountain View 8.9	Bimonthly	\$5.30	\$1.58 \$3.25 \$6.45	0 - 3 3 - 25 25 +	\$29.03	Effective: 2009-10
North Coast CWD 6.9	Bimonthly	\$24.94	\$2.53 \$5.62 \$8.04 \$14.75	0 - 5 6 - 16 17 - 28 28 +	\$32.71	Effective: 2009-10
Palo Alto 12.7	Monthly	\$5.00	\$3.95 \$5.62	0 - 7 7 +	\$64.70	Effective: 7/1/09 Utility Rate Schedule W-1
Purissima Hills WD 30.7	Monthly	\$15.00 3/4" meter	\$2.70 \$4.15 \$5.60 \$7.05 \$8.50 \$9.95	0 - 10 11 - 30 31 - 60 61 - 100 101 - 200 200 +	\$128.92	Effective: 2009-10

* Average single family use among BAWSCA agencies varies from 5.1 to 30.7 units per month. 1 unit = 1 ccf. Includes individually metered single family homes, townhouses, and condos. It is calculated by dividing single family water use (Table 4A) by the number of single family accounts (Table 4B); divided by 12.

Single Family Water Bills and Residential Rate Structure Based on Average Monthly Use* Using Rates in Effect for FY 2009-10; Inclusive of Service Charge

Member/ Average Monthly Use (Units)	Billing Cycle	Service Charge	Rate per ccf	Rate Blocks (ccf)	Total Monthly Bill	Remarks
Redwood City 9.7	Bimonthly	\$33.06	\$2.20 \$2.80 \$4.57 \$6.45	0 - 10 11 - 25 26 - 50 51+	\$40.69	Effective: 7/01/09
San Bruno 9.9	Bimonthly	\$11.38 3/4" meter	\$3.83 \$5.81	0 - 18 18 +	\$45.39	Effective: 2009-10
San Jose MWD-N 8.6	Bimonthly	\$17.34	\$1.98 \$2.27 \$2.51 \$2.77	0 - 14 15 - 28 29 - 42 42 +	\$26.16	Effective: 7/1/09 Zone 1
Santa Clara 12.0	Monthly	\$7.65 Minimum Charge	\$2.50	None	\$30.00	Effective: 7/01/2009
Sunnyvale 13.1	Bimonthly	\$10.48	\$1.53 \$2.97 \$3.16 \$3.26	0 - 6 7 - 33 34 - 50 51 +	\$39.83	Effective: 2009-10
Westborough WD 6.4	Bimonthly	\$12.70	\$2.94	None	\$25.17	Effective: 7/1/09

* Average single family use among BAWSCA agencies varies from 5.1 to 30.7 units per month. 1 unit = 1 ccf. Includes individually metered single family homes, townhouses, and condos. It is calculated by dividing single family water use (Table 4A) by the number of single family accounts (Table 4B); divided by 12.

Summary Billing Information

	**Average Monthly Bill	Average Monthly Service Charge
All BAWSCA Agencies	\$48.12	\$10.32
Municipal Agencies Only	\$45.03	\$10.56
Special Districts / Private	\$52.33	\$9.98

** Inclusive of service charge

Source: BAWSCA FY 2009-10 Annual Survey

Table 8B

9. Agency Profiles

Alameda County Water District

43885 South Grimmer Boulevard
Fremont, California 94538-6348

Phone: (510) 668-4200 Fax: (510) 656-3426

Web: <http://www.acwd.org>

Service Area

Alameda County Water District (ACWD) supplies water to the cities of Fremont, Newark, and Union City.

System

Profile

Area Size	104.8 sq. miles
Service Population	332,000
Number of Accounts	82,055
Number of SFPUC Connections	7
Connections To SFPUC Mains	BDPL 1, 2, 3, and 4
Avg. Day Demand (mgd)	42.35
Avg. Day Purchases From SFPUC (mgd)	10.46
% Demand Met With SFPUC Supplies	24.7%
Maximum Local Water Production (mgd)	64.7 (7/17/09, Production facilities + direct SFPUC TOs + NUMMI)
Alternative Supply Sources	SFPUC, State Water Project (SWP), Local Groundwater
Interties With Other Agencies	Milpitas, Hayward
Local Storage (mg)	85.8 maximum capacity - volume in storage is typically 60 to 80% based on seasonal operating conditions
Days of Storage	1.8 - based on maximum capacity storage and average daily demand 42 mg of new treated water storage planned available by 2014

Summary

ACWD currently has three primary sources of water supply: (1) the State Water Project (SWP), (2) San Francisco's Regional Water System and (3) local supplies. The SWP and San Francisco Regional Water Supplies are imported into the District service area through the South Bay Aqueduct and Hetch-Hetchy Aqueduct, respectively. Local supplies include fresh groundwater from the Niles Cone Groundwater Basin (underlying the District service area), desalinated brackish groundwater from portions of the groundwater basin previously impacted by seawater intrusion, and surface water from the Del Valle Reservoir. The primary source of recharge for the Niles Cone Groundwater Basin is from percolation of runoff from the Alameda Creek watershed. To a lesser degree, a portion of ACWD's SWP supplies are also used for local groundwater percolation. Infiltration of rainfall and applied water also contribute to local groundwater recharge.

Before being supplied to ACWD's customers, the source water supplies are treated to meet and surpass all state and federal drinking water standards. ACWD operates two surface water treatment plants that treat SWP and local surface water from Del Valle Reservoir. The Newark Desalination Facility treats brackish groundwater to remove salts and other impurities, and the Blending Facility blends high quality San Francisco water with local fresh groundwater (with higher hardness) to provide a blended supply with lower overall hardness.

Over the 1994-2004 period, 36% of the District's distribution system water supply was from the State Water Project. This water was either purified at one of ACWD's two water treatment plants or used to recharge local aquifers. Water from the San Francisco Regional System provided approximately 25% of the distribution system water supply and local supplies from Del Valle Reservoir and groundwater (recharged from runoff from the Alameda Creek Watershed and infiltration of rainfall and applied water) accounted for the balance (about 39%) of the distribution system supplies.

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	6,667,959	6,534,358	5,477,714	5,102,005
State Water Project	4,007,520	9,081,389	7,245,336	7,324,179
Desalinated Water	1,219,680	1,547,193	1,396,163	456,550
Local Groundwater	8,058,600	6,454,412	6,192,794	6,651,067
Surface Water	4,094,640	212,137	1,814,611	1,131,689
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	24,048,399	23,829,489	22,126,618	20,665,490
mgd equivalent	49.28	48.83	45.34	42.35

Demand by Sector

Residential	15,281,883	15,051,716	14,767,696	12,687,592
Commercial/Industrial	5,004,044	4,805,518	4,611,802	3,163,521
Other	1,497,954	1,516,681	1,507,119	821,218
Dedicated Irrigation	0	0	0	2,082,462
Unaccounted for	2,264,518	2,455,574	1,240,001	1,910,697
Total	24,048,399	23,829,489	22,126,618	20,665,490
mgd equivalent	49.28	48.83	45.34	42.35

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	96	93	91	78
Gross	150	148	137	128

Storage Reservoirs

Designation	Capacity (gallons)	Designation	Capacity (gallons)
Alameda	16,250,000	Mayhew	4,600,000
Appian	780,000	Middlefield	7,230,000
Avalon	2,750,000	Ohlone	1,500,000
Canyon Heights	500,000	Patterson	14,400,000
Decoto	14,800,000	Vineyard Heights	500,000
Hidden Valley	2,000,000	Whitfield	2,200,000
		Total	85,510,000

ACWD Engineering Report, 1995. (Mayhew and Canyon Heights updated to reflect changed conditions)

Water Treatment Facilities

Designation	Capacity (mgd)	Status	Designation	Capacity (mgd)	Status
WTP #2	21	Active	Mission San Jose WTP	4	Active
Blending Facility	47	Active	Newark Desalination Facility	5	Active
			Total	77	

Wells

Name	Capacity (mgd)	Status	Name	Capacity (mgd)	Status
Mowry 1	1.4	Active	PT 1	3.4	Active
Mowry 2	3.2	Active	PT 2	3.4	Active
Mowry 3	3.2	Active	PT 3	3.4	Active
Mowry 4	3.0	Active	PT 4	3.4	Active
Mowry 6	3.3	Active	PT 5	3.4	Active
Mowry 7	3.3	Active	PT 6	3.4	Active
Mowry 8	3.0	Active	PT 7	3.4	Active
Mowry 9	3.3	Active	PT 8	3.4	Inactive
			Total	50.9	

Interties

Name	No.	Diameter* (in.)
Hayward	1	12
Hayward	2	**
Milpitas	1	8
Milpitas	2	8

*Diameter of main connected

**3.6 mgd connection to Hayward's SFPUC Line

City of Brisbane

50 Park Lane

Brisbane, CA 94005

Phone: (415) 508-2130 Fax: (415) 467-5547

Web: <http://www.ci.brisbane.ca.us/html/cityDept/pw/water.asp>

Service Area

The City of Brisbane, located in north San Mateo County, operates both the City of Brisbane Water District and the Guadalupe Valley Municipal Improvement District (GVMID), an area within the Brisbane city limits composed of an industrial park development and a small residential enclave.

System

Profile

Area Size	3.5 square miles
Service Population	3,993 (includes Guadalupe Valley MID)
Number of Accounts	1,910 (includes Guadalupe Valley MID)
Number of SFPUC Connections	3 (Total of 5 for the City of Brisbane and GVMID combined)
Connections To SFPUC Mains	Crystal Springs Pipeline #1 and #2
Avg. Day Demand (mgd)	0.57 (includes Guadalupe Valley MID)
Avg. Day Purchases From SFPUC (mgd)	0.57 (includes Guadalupe Valley MID)S
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	GVMID, CWS South San Francisco, Daly City
Local Storage (mg)	0.9 (Total of 2.9 for the City of Brisbane and GVMID combined)
Days of Storage	3 - Combined storage. All zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity.

Summary

The City of Brisbane's only source of potable water is supplied through 3 turnouts off the Crystal Springs #1 and #2 Pipelines. The Brisbane distribution system is comprised of 4 pressure zones, and is operated as a combined system with GVMID Water District.

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	148,937	116,014	142,689	123,803
Guadalupe Valley - SFPUC	51,500	66,647	37,054	152,798
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	200,437	182,661	179,743	276,601
mgd equivalent	0.41	0.37	0.37	0.57

Demand by Sector

Residential	88,293	90,331	87,207	112,037
Commercial/Industrial	57,381	38,277	37,750	77,529
Other	8,390	1,012	1,633	0
Dedicated Irrigation	41,553	42,816	42,551	79,279
Unaccounted for	4,820	10,225	10,602	7,756
Total	200,437	182,661	179,743	276,601
mgd equivalent	0.41	0.37	0.37	0.57

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	57	59	57	58
Gross	130	118	117	142

Note: Beginning in FY 2009-10, Brisbane and GVMID source, demand, and per capita use data is reported together as a combined Brisbane/GVMID District.

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)
Storage Tank 1	Steel	500,000
Storage Tank 2	Steel	200,000
Storage Tank 3	Steel	200,000
Total		900,000

Interties

Name	No.	Diameter (in.)
CWS - South San Francisco	1	16
Daly City	2	8, 8
GVMID	3	12, 12, 12

City of Burlingame

501 Primrose Road

Burlingame, California 94010-3997

Phone: (650) 558-7230 Fax (650) 685-9310

Web: 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
Total	2,209,757	2,195,474	2,086,616	1,920,815
mgd equivalent	4.53	4.50	4.28	3.94

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
Total	2,209,757	2,195,474	2,086,616	1,920,815
mgd equivalent	4.53	4.50	4.28	3.94

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
Total					2,941,000

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

California Water Service - Bear Gulch District

3351 El Camino Real, Suite 190
Atherton, California 94027-3844

Phone: (650) 367-6800 Fax (650) 367-7605

Web: <http://www.calwater.com>

Service Area

The Bear Gulch District is located in southern San Mateo County, and serves the communities of Atherton, Portola Valley, Woodside, parts of Menlo Park, and adjacent unincorporated portions of San Mateo County including: West Menlo Park, Ladera, North Fair Oaks, and Menlo Oaks. Cal Water acquired both the Skyline County Water District and Woodside Mutual Water Company in 2009 and incorporated them into the Bear Gulch District. Both systems serve rural communities along Highway 35 between Highways 84 and 92.

System

Note: Skyline system totals are included in the Profile and Summary numbers. Skyline's portion of the total is shown in parentheses.

Profile

Area Size	45.3 square miles
Service Population	55,810
Number of Accounts	18,097
Number of SFPUC Connections	8
Connections To SFPUC Mains	BDPL 1 and 2, BDPL 3 and 4, Palo Alto Pipeline, (Bay Crossing 1 and 2)
Avg. Day Demand (mgd)	11.28
Avg. Day Purchases From SFPUC (mgd)	10.64
% Demand Met With SFPUC Supplies	94.3%
Maximum Local Water Production (mgd)	6.028 (0.028)
Alternative Supply Sources	Local Surface Water, Local Groundwater- (Skyline system only)
Interties With Other Agencies	Redwood City, Menlo Park, (None)
Local Storage (mg)	11.3 Treated, 215 Untreated
Days of Storage	0.86 - 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. Could increase use of Bear Gulch reservoir in an emergency to meet partial demand.

Summary

The Bear Gulch District receives 85% to 95% of its daily supply from the SFPUC, with the balance supplied by surface water runoff from California Water Service Company's own watershed. The water is stored in the 215 million gallon Bear Gulch Reservoir, and treated at the 6 mgd Station 2 Filter Plant before distribution. The Skyline system is not hydraulically connected to the Bear Gulch system and receives 100% of its supply from

the SFPUC. The Woodside Mutual system has been connected to the main Bear Gulch system for several years and has been served by Cal Water since this time.

The distribution systems consist of 57 pressure zones, 77 booster pumps, 38 storage tanks and reservoirs, 2,213 hydrants, and 324 miles of main. District water tanks provide storage for slightly more than 11 mg of potable water.

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	6,142,190	6,603,670	6,148,376	5,243,496
Local Groundwater	0	0	0	0
Surface Water	530,835	263,535	264,668	519,242
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	6,673,025	6,867,205	6,413,044	5,762,738
mgd equivalent	13.68	14.07	13.14	11.81

Demand by Sector

Residential	5,572,720	5,633,409	5,374,815	5,147,357
Commercial/Industrial	625,450	610,909	613,876	585,740
Other	153,994	181,678	162,084	157,927
Unaccounted for	320,861	441,209	262,269	-128,286
Total	6,673,025	6,867,205	6,413,044	5,762,738
mgd equivalent	13.68	14.07	13.14	11.81

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	206	208	193	189
Gross	246	254	230	202

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Bear Gulch Reservoir	Earth	215,000,000	Sta. 029-Tank 1	Redwood	100,000
Sta. 002-Tank 1	Steel	250,000	Sta. 029-Tank 2	Redwood	100,000
Sta. 002-Tank 2	Steel	500,000	Sta. 029-Tank 3	Steel	150,000
Sta. 005-Tank 6	Redwood	100,000 (inactive)	Sta. 030-Tank 1	Steel	1,000,000
Sta. 005-Tank 8	Steel	250,000	Sta. 031-Tank 2	Redwood	165,000
Sta. 005-Tank 9	Steel	1,000,000	Sta. 032-Tank 1	Steel	250,000
Sta. 006-Tank 1	Steel	200,000	Sta. 033-Tank 1	Steel	10,000
Sta. 007-Tank 5	Redwood	100,000	Sta. 034-Tank 1	Concrete	50,000
Sta. 015-Tank 1	Redwood	30,000	Sta. 036-Tank 1	Steel	125,000
Sta. 016-Res.1	Concrete	1,112,000	Sta. 037-Tank 1	Steel	55,000
Sta. 017-Tank 1	Steel	250,000	Sta. 038-Tank 1	Steel	212,000
Sta. 019-Tank 1	Steel	500,000	Sta. 039-Tank 1	Steel	282,000
Sta. 019-Tank 2	Steel	500,000	Sta. 041-Tank 1	Steel	189,000
Sta. 021-Tank 1	Steel	1,000,000	Sta. 041-Tank 2	Steel	189,000
Sta. 021-Tank 2	Steel	1,000,000	Sta. 042-Tank 1	Steel	60,000
Sta. 022-Tank 1	Steel	450,000	Sta. 042-Tank 2	Steel	60,000
Sta. 025-Tank 1	Redwood	100,000	Orchard Hills-T1	Redwood	22,000
Sta. 027-Tank 4	Steel	750,000	Orchard Hills-T2	Redwood	22,000
Sta. 028-Tank 1	Steel	200,000	Big Trees-Tank 1	Redwood	40,000
Total					226,273,000

Surface Water Treatment Facilities

Designation	Capacity (mgd)
Station 2 Filter Plant	6

Interties

Name	No.	Diameter (in.)
Redwood City	2	6
Menlo Park	3	6

California Water Service - Mid-Peninsula District

341 North Delaware Street
 San Mateo, California 94401-1727
 Phone: (650) 558-7800 Fax: (650) 342-6865
 Web: <http://www.calwater.com>

Service Area

California Water Service's Mid-Peninsula District is located in central San Mateo County and serves the communities of San Carlos, San Mateo and adjacent unincorporated portions of San Mateo County, including The Highlands and Palomar Park.

System

Profile

Area Size	17 square miles
Service Population	120,350
Number of Accounts	35,401
Number of SFPUC Connections	6
Connections To SFPUC Mains	Bay Crossing 1 and 2, BDPL 1 and 2, Crystal Springs #2, Sunset Pipeline
Avg. Day Demand (mgd)	15.24
Avg. Day Purchases From SFPUC (mgd)	15.24
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	Mid-Peninsula WD, Redwood City, Belmont, Burlingame, Hillsborough, and Estero MID
Local Storage (mg)	20.37
Days of Storage	1.47 - All zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity.

Summary

The Mid-Peninsula District receives all of its water from the SFPUC. Water is delivered to the San Carlos area via 3 SFPUC turnouts located off BDPL 1 and 2. San Mateo is supplied from 5 turnouts located off the Crystal Springs Pipeline #2 and Sunset Supply Lines. The distribution system includes 22 pressure zones in San Carlos, 18 in San Mateo, 62 booster pumps, 38 storage tanks, 2,791 hydrants, and 356 miles of main.

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	8,085,040	7,813,188	7,621,387	7,062,049
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	8,085,040	7,813,188	7,621,387	7,062,049
mgd equivalent	16.57	16.01	15.62	14.47

Demand by Sector

Residential	5,689,326	5,615,040	5,350,523	5,201,685
Commercial/Industrial	1,590,152	1,556,853	1,410,767	1,309,765
Other	415,515	442,900	378,924	390,390
Unaccounted for	390,047	198,395	481,173	160,209
Total	8,085,040	7,813,188	7,621,387	7,062,049
mgd equivalent	16.57	16.01	15.62	14.47

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	94	93	89	89
Gross	133	129	127	127

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
San Mateo			San Mateo		
Sta. 006-Res. 1	Brick	2,290,000	Sta. 027-Tank 1	Steel	2,500,000
Sta. 017-Tank 1	Steel	500,000	Sta. 027-Tank 2	Steel	2,500,000
Sta. 017-Tank 2	Steel	500,000	Sta. 029-Tank 1	Steel	1,000,000
Sta. 017-Tank 3	Steel	500,000	Sta. 030-Tank 1	Steel	500,000
Sta. 023-Tank 1	Steel	1,000,000	Sta. 031-Tank 1	Steel	216,000
Sta. 024-Tank 1	Steel	500,000	Sta. 032-Tank 1	Steel	250,000
Sta. 024-Tank 2	Steel	500,000	Sta. 032-Tank 2	Steel	500,000
Sta. 025-Tank 1	Redwood	100,000	Sta. 033-Tank 1	Steel	300,000
Sta. 025-Tank 2	Steel	250,000	Sta. 033-Tank 2	Steel	500,000
Sta. 025-Tank 3	Steel	250,000			
			San Mateo Total		14,656,000

Storage Reservoirs

Designation	Type	Capacity (gallons)
San Carlos		
Sta. 103-Tank 1	Concrete	165,000
Sta. 106-Tank 2	Steel	250,000
Sta. 106-Tank 3	Steel	500,000
Sta. 109-Tank 1	Concrete	50,000
Sta. 109-Tank 2	Steel	250,000
Sta. 112-Tank 1	Steel	200,000
Sta. 112-Tank 2	Steel	500,000
Sta. 112-Tank 3	Steel	700,000
Sta. 115-Tank 1	Steel	250,000
Sta. 116-Tank 2	Redwood	100,000
Sta. 116-Tank 3	Redwood	100,000

Designation	Type	Capacity (gallons)
San Carlos		
Sta. 118-Tank 1	Steel	200,000
Sta. 118-Tank 2	Steel	750,000
Sta. 119-Tank 1	Steel	400,000
Sta. 120-Tank 1	Steel	500,000
Sta. 122-Tank 1	Redwood	0
Sta. 122-Tank 2	Redwood	0
Sta. 123-Tank 3	Steel	250,000
Sta. 123-Tank 4	Steel	425,000
Sta. 124-Tank 1	Steel	78,000
Sta. 125-Tank 1	Redwood	50,000

San Carlos Total 5,718,000

San Mateo and San Carlos Total 20,374,000

Interties

Name	No.	Diameter (in.)
San Carlos		
Redwood City	3	8, 8, 12
Mid-Peninsula WD	3	8, 8, 8

Name	No.	Diameter (in.)
San Mateo		
Burlingame	4	8, 8, 4, 6
Hillsborough WD	2	4, 8
Mid-Peninsula WD	2	6, 6
Estero MID	1	8

California Water Service - South San Francisco District

341 North Delaware Street
 San Mateo, California 94401-1727
 Phone: (650) 588-7800 Fax: (650) 588-1341
 Web: <http://www.calwater.com>

Service Area

The South San Francisco District, located in north San Mateo County, serves South San Francisco, Colma, a small portion of Daly City, and Broadmoor, an unincorporated area located between Colma and Daly City.

System

Profile

Area Size	11.2 square miles
Service Population	56,010
Number of Accounts	16,159
Number of SFPUC Connections	11
Connections To SFPUC Mains	Crystal Springs #2, San Andreas 1, 2, and 3, Sunset Pipeline
Avg. Day Demand (mgd)	7.84
Avg. Day Purchases From SFPUC (mgd)	7.50
% Demand Met With SFPUC Supplies	95.7%
Maximum Local Water Production (mgd)	1.39
Alternative Supply Sources	Ground Water Wells
Interties With Other Agencies	Brisbane, San Bruno, Daly City, San Francisco
Local Storage (mg)	8.125
Days of Storage	1.04 - 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. Could increase well output in an emergency to meet partial demand.

Summary

The South San Francisco District normally receives over 80% of its water from the SFPUC from 11 turnouts off the San Andreas and Crystal Spring pipelines, with the remaining water pumped from 8 local district wells. Cal Water had been participating in a Conjunctive Use Pilot Program during which the South San Francisco District had received 100% of its supply from the SFPUC. But in 2007 Cal Water began operating its well again. The distribution system includes 15 pressure zones, 8 wells, 25 booster pumps, 14 storage reservoirs, 1,447 hydrants, and 154 miles of main.

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	4,052,652	3,997,778	3,791,316	3,510,453
Local Groundwater	0	0	0	0
Surface Water	0	37,994	136,023	178,618
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	4,052,652	4,035,772	3,927,339	3,689,071
mgd equivalent	8.31	8.27	8.05	7.56

Demand by Sector

Residential	1,727,210	1,701,010	1,639,223	1,599,404
Commercial/Industrial	2,087,435	2,083,132	2,021,760	1,928,049
Other	194,298	202,950	181,452	175,971
Unaccounted for	43,709	48,680	84,904	-14,353
Total	4,052,652	4,035,772	3,927,339	3,689,071
mgd equivalent	8.31	8.27	8.05	7.56

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	145	61	60	59
Gross	62	144	143	140

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Sta. 001-Tank 1	Steel	500,000	Sta. 013-Res.10, Tank 1	Steel	500,000
Sta. 001-Tank 2	Steel	75,000	Sta. 011-Res. 7, Tank 1	Steel	250,000
Sta. 005-Res. 2	Concrete	1,500,000	Sta. 011-Res. 7, Tank 2	Steel	500,000
Sta. 008-Res. 1	Concrete	1,500,000	Sta. 012-Res. 9, Tank 1	Steel	500,000
Sta. 004-Res. 4, Tank 3	Steel	250,000	Sta. 014-Res. 11, Tank 1	Steel	1,000,000
Sta. 004-Res. 4, Tank 4	Steel	250,000	Sta. 015-Res. 12, Tank 1	Steel	1,000,000
Sta. 009-Tank 3	Redwood	50,000	Sta. 101-Tank 1	Steel	250,000
Total					8,125,000

Wells

Name	Capacity (gpm)	Status*
Well 02	60	Inactive
Well 14	90	Inactive
Well 15	95	Active
Well 17	200	Inactive
Well 18	340	Active
Well 19	160	Active
Well 20	150	Active
Well 21	220	Active
Total	965	

Interties

Name	No.	Diameter (in.)
Brisbane	1	16
San Bruno	1	6
Daly City	5	2, 4, 4, 8, 10

Coastside County Water District

766 Main Street
 Half Moon Bay, California 94019-1995
 Phone: (650) 726-4405 Fax: (650) 726-5245
 Web: <http://www.coastsidewater.org>

Service Area

Coastside County Water District provides water to the City of Half Moon Bay and several unincorporated coastal communities in San Mateo County, including El Granada, Miramar, and Princeton by the Sea (Pillar Point Harbor).

System

Profile

Area Size	14 square miles
Service Population	20,216
Number of Accounts	6,853 (excludes fire services)
Number of SFPUC Connections	2
Connections To SFPUC Mains	Crystal Springs Intake and Stone Dam (Pilarcitos Lake)
Avg. Day Demand (mgd)	2.02
Avg. Day Purchases From SFPUC (mgd)	1.82
% Demand Met With SFPUC Supplies	90%
Maximum Local Water Production (mgd)	0.5
Alternative Supply Sources	During a drought, local production is extremely low due to dependency on surface stream flows and a small watershed.
Interties With Other Agencies	None
Local Storage (mg)	8.0
Days of Storage	Approximately 3.0 days

Summary

Coastside County Water District has four water sources: Pilarcitos Lake, Crystal Springs Reservoir, Pilarcitos Well Field, and the Denniston (well and surface water) Project. Water purchased from the SFPUC is supplied from two different sources: Pilarcitos Lake and Upper Crystal Springs Reservoir.

The Crystal Springs Water Supply Project, completed in 1994, consists of an intake tunnel under the reservoir, a pump station, and an eight-mile pipeline terminating at the Nunes Water Treatment Plant. Water is taken from Upper Crystal Springs Reservoir, when not available from Pilarcitos Lake or demand is greater than Pilarcitos Lake can supply. Deliveries taken from Upper Crystal Springs Reservoir and Pilarcitos Lake are limited by the capacity of the Nunes Treatment Plant, in addition to the design and capacity of the conveyance system.

The District maintains a distribution system that includes 9 pressure zones, 7 pump stations, 2 water treatment plants, 11 treated storage tanks, approximately 600 hydrants, 17 miles of transmission (supply) pipeline, and 83 miles of distribution pipeline.

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	1,006,844	1,014,105	977,849	887,675
Local Groundwater	18,020	30,735	11,952	8,408
Surface Water	192,126	122,620	49,960	31,363
Recycled Water	0	0	0	0
Other	46,885	35,455	15,535	59,038
Total	1,263,875	1,202,915	1,055,296	986,484
mgd equivalent	2.59	2.47	2.16	2.02

Demand by Sector

Residential	683,861	674,954	640,568	593,521
Commercial/Industrial	347,241	418,618	355,523	253,024
Other	92,309	105,449	32,190	35,646
Dedicated Irrigation	0	0	0	86,691
Unaccounted for	140,464	3,894	27,015	17,602
Total	1,263,875	1,202,915	1,055,296	986,484
mgd equivalent	2.59	2.47	2.16	2.02

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	78	73	68	60
Gross	145	131	113	100

Facilities and Distribution

Treated Water Storage Reservoirs

Designation	Type	Capacity (mg)
Denniston	Steel	1.50
El Granada 1	Steel	0.20
El Granada 2	Steel	0.15
El Granada 3	Steel	0.25
Miramar	Steel	1.00
Carter Hill	Steel	0.40
Carter Hill	Steel	0.60
Carter Hill	Steel	1.50
Miramontes	Steel	0.40
Alves	Steel	2.00
Hazen's	Redwood	0.05
Total		8.05

Surface Water Treatment Facilities

Designation	Capacity (mgd)
Nunes WTP	4.5
Denniston WTP	1.0
Total	5.5

Wells

Name	Capacity (gpm)*	Status
D1	25	Active
D2		Standby
D3	37	Active
D4	35	Active
D5	35	Active
D9	45	Active
P1	40	November 1- March 31
P2		Standby
P3		Standby
P3A		Standby
P4	100	November 1- March 31 Standby
P4A	200	November 1- March 31
P5	65	November 1- March 31
Total	582	

*Capacity is dependent on stream flows

City of Daly City

Department of Water and Wastewater

153 Lake Merced Boulevard

Daly City, California 94015-1097

Phone: (650) 991-8203 Fax: (650) 991-8220

Websites:

Water Department: http://www.dalycity.org/city_services/depts/wwr/water.htm

Conservation Info: http://www.ci.daly-city.ca.us/city_services/depts/wwr/water_conserve.html

Service Area

The City of Daly City Department of Water and Wastewater serves the City of Daly City and some unincorporated portions of San Mateo County.

System

Profile

Area Size	7.4 square miles
Service Population	107,773
Number of Accounts	21,820
Number of SFPUC Connections	11
Connections To SFPUC Mains	Crystal Springs #1 and #2, San Andreas #2, and the Sunset Pipeline
Avg. Day Demand (mgd)	6.70
Avg. Day Purchases From SFPUC (mgd)	3.16
% Demand Met With SFPUC Supplies	47.2%
Maximum Local Water Production (mgd)	4.25
Alternative Supply Sources	Local Groundwater, Recycled Water
Interties With Other Agencies	GVMID, Brisbane, Cal Water, North Coast CWD, and Westborough CWD
Local Storage (mg)	24.58
Days of Storage	3.37 - Length of storage based on loss of all sources of supply. Can meet the 8 hr criteria either separately or by pumping from zones with excess capacity. Well water, normally used supplementally, could meet partial demands in an emergency.

Summary

The City of Daly City is supplied by two sources of water: surface water from the SFPUC regional water system, local groundwater from six municipal wells, and a third source, recycled water produced by the North San Mateo County Sanitation District, a subsidiary of the City of Daly City, that provides turf irrigation to three local golf courses, an athletic field and landscape medians.

Daly City is connected to the SFPUC with eleven turnouts off the Crystal Springs #1 and #2, San Andreas #2 and Sunset Pipelines. Additionally, Daly City has emergency intertie supply connections with Guadalupe Valley Municipal Improvement District, Brisbane

Water, California Water Service, North Coast County Water District and Westborough County Water District.

Blending of the SFPUC supply and local groundwater is required because a small portion of the well water exceeds the nitrate MCL. Blending the two supply sources reduces the overall nitrate concentration below the MCL while the well water acts as a buffer for corrosion control.

Daly City entered into a pilot conjunctive use aquifer recharge program in October 2002 with the SFPUC to promote the goal of enhancing regional water resource management. Daly City agreed to accept an increased amount of surplus SFPUC system water at a reduced rate and not pump groundwater from the Westside Basin. This action provided the opportunity to observe the response of the basin from recharge that takes place as a result of the reduction in groundwater pumping.

The Phase One demonstration project continued until November 2003 and assessed the feasibility of a proposed program to increase groundwater levels in the Westside Basin, reduce the potential for seawater intrusion, develop increased SFPUC system yield from the overall surface and groundwater system, and potentially improve conditions at Lake Merced. Initial results from the project showed that groundwater levels increased within the basin. The second phase of the aquifer recharge study began in March 2004 and continued until May 2007. A third phase began May 15, 2009. Currently Daly City and the SFPUC are developing an agreement to implement a long term conjunctive use program based on the analysis of the pilot program.

The City's distribution system includes 12 storage reservoirs, one of which is owned by a private entity, with a combined capacity of 24.58 million gallons that could, in an emergency, supply the annual average daily demand for just over 3.37 days. All reservoirs contain a mixture of SFPUC and groundwater, with the exception of Reservoirs #8 and #5 which are supplied solely by SFPUC connections. During this fiscal year a two million gallon storage tank was constructed in the Bayshore Area to replace an undersized reservoir to enhance fire flows to the area. The system also contains 18 pumping stations, 23 pressure zones, 2 regulating control valves, 41 pressure-reducing valves, 21 pressure relief valves, 185 miles of main and 1,468 fire hydrants.

Daly City's Tertiary Recycled Water Facility (through its subsidiary, the North San Mateo County Sanitation District) began delivering full Title 22 compliant public contact irrigation water in August 2004 to the Olympic Club. Soon after, water deliveries included the Lake Merced Golf Club and Daly City's Westlake Park. During the 2005 irrigation season, deliveries included the San Francisco Golf Club. A study was conducted to examine the feasibility of adding service to Harding Park Golf Course. The study indicated the project was feasible, and construction is currently underway and is anticipated to be complete by April 2012.

Since its initiation, some 1,465,429 ccf have been delivered for irrigation use, lessening the demand on local groundwater, and to a small degree, offsetting SFPUC system water.

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	1,747,221	2,187,273	2,113,320	1,542,719
SFPUC Supplemental Water	1,160,313	0	165,750	904,856
City of Brisbane - SFPUC	4,453	0	0	0
Local Groundwater	572,765	1,540,336	1,268,714	819,239
Recycled Water	5,842	7,754	5,294	4,064
Other (Transfer to North Coast)	0	-3,944	522	0
Total	3,490,594	3,731,419	3,553,600	3,270,878
mgd equivalent	7.15	7.65	7.28	6.70

Recycled water reflected in this table shows the amount of recycled water that offsets SFPUC water. For example, total recycled water distributed in 08/09 equals 244,492 ccf.

Demand by Sector

Residential	2,716,710	2,671,556	2,613,408	2,460,632
Commercial/Industrial	392,638	385,406	379,068	412,073
Other	263,937	269,169	254,907	154,113
Unaccounted for	117,309	405,288	306,217	244,060
Total	3,490,594	3,731,419	3,553,600	3,270,878
mgd equivalent	7.15	7.65	7.28	6.70

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	52	52	50	47
Gross (Less Recycled Water)	67	72	68	62

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Reservoir 1	Concrete	703,000	Reservoir 5B	Concrete	10,400,000
Reservoir 2	Concrete	2,303,000	Reservoir 6	Concrete	1,495,000
Reservoir 2B	Concrete	2,000,000	Reservoir 6B	Concrete	1,451,000
Reservoir 3	Concrete	978,000	Reservoir 7	Steel	1,487,000
Reservoir 4	Concrete	1,370,000	Reservoir 8	Steel	630,000
Reservoir 5	Concrete	1,481,000	F Bay (Private)	Steel	285,000
			Total		24,583,000

Wells

Name	Capacity (gpm)	Status
Westlake	410	Active
Well 4	426	Active
Jeff Well	340	Active
Vale	693	Active
A St.	524	Inactive
JS Well	550	Active
Total	2,943	

Interties

Name	No.	Diameter (in.)
GVMID	1	12
Brisbane	2	8, 8
CWS	5	2, 4, 4, 8, 10
North Coast	2	6, 8
Westborough	1	12

City of East Palo Alto

2415 University Ave.
East Palo Alto, CA 94303

Web: <http://www.ci.east-palo-alto.ca.us>

American Water Enterprises
2415 University Avenue, 2nd Floor
East Palo Alto, CA 94303

Phone: (650) 322-2083 Fax: (650) 325-5038

Service Area

Located in southeast San Mateo County, the City of East Palo Alto is a residential community with some commercial and industrial development.

System

Profile

Area Size	2.5 square miles
Service Population	29,690
Number of Accounts	4,182
Number of SFPUC Connections	3
Connections To SFPUC Mains	BDPL 1 and 2
Avg. Day Demand (mgd)	1.73
Avg. Day Purchases From SFPUC (mgd)	1.73
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	Palo Alto, Menlo Park, O'Connor Tract Water Coop
Local Storage (mg)	0
Days of Storage	0 - No storage: cannot sustain an 8 hr. loss of water independent of its interties. 3.6 mg of storage identified but approval/funding has yet to be secured.

Summary

The City of East Palo Alto receives all of its potable water supply from three SFPUC turnouts off BDPL 1 and 2. All three turnouts are located in the northern portion of the district, and water is distributed directly to all of the customers within the district's one pressure zone. The City's water utility is operated and managed by a private contractor, American Water Enterprises. East Palo Alto sells a small amount of (SFPUC-supplied) to Menlo Park under an existing agreement.

There are no storage facilities or alternate potable water supply sources within the City. The City has one emergency well currently not certified for potable use.

Water Supply and Demand

Supply by Source	Actual FY 05-06 (ccf)	Actual FY 06-07 (ccf)	Actual FY 07-08 (ccf)	Actual FY 09-10 (ccf)
San Francisco Water	1,037,527	1,055,824	990,244	842,883
Local Groundwater	0	0	584	0
Recycled Water	0	0	0	0
Other (to Menlo Park)	-60,653	-59,237	-52,199	0
Total	976,874	996,587	938,629	842,883
mgd equivalent	2.00	2.04	1.92	1.73

Demand by Sector

Residential	772,926	774,219	655,590	661,042
Commercial/Industrial	205,943	143,118	198,590	135,337
Other	24,180	23,323	21,591	26,523
Unaccounted for	-26,175	55,927	62,858	19,981
Total	976,874	996,587	938,629	842,883
mgd equivalent	2.00	2.04	1.92	1.73

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	53	53	45	46
Gross	67	69	65	58

Facilities and Distribution

Wells

Name	Capacity (gpm)	Status
EPACWD Well	0.2	Standby
Total	0.2	

Interties

Name	No.	Diameter (in.)
Palo Alto	1	6
O'Connor	1	6
Menlo Park	1	6

Estero Municipal Improvement District

610 Foster City Boulevard

Foster City, California 94404-2299

Phone (650) 286-3270 Fax (650) 345-4626

Web: <http://www.fostercity.org/Services/water/index.cfm>

Service Area

Estero Municipal Improvement District is located in central San Mateo County immediately adjacent to the Bay, and serves the City of Foster City and a part of the City of San Mateo, an area predominantly residential with a broad cross-section of commercial and light industrial development.

System

Profile

Area Size	4 square miles
Service Population	36,100
Number of Accounts	8,321
Number of SFPUC Connections	1
Connections To SFPUC Mains	Crystal Springs #2
Avg. Day Demand (mgd)	4.90
Avg. Day Purchases From SFPUC (mgd)	4.90
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	CWS - San Mateo, Mid-Peninsula Water District
Local Storage (mg)	20
Days of Storage	2.0 - EMID can meet the 8 hr. criteria on maximum day

Summary

Estero Municipal Improvement District's sole source of supply is SFPUC through a turnout located on Crystal Springs Road in the City of San Mateo. Water from the turnout fills storage tanks located in the northwest corner of the district.

The distribution system consists of 2 water pressure reducing stations, 4 storage tanks, 1 pump station, and 1 pressure zone.

EMID has connections in the southern half of the district to CWS - San Mateo and the Mid-Peninsula Water District for emergency water supply.

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	2,747,662	2,691,080	2,538,289	2,392,839
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	2,747,662	2,691,080	2,538,289	2,392,839
mgd equivalent	5.63	5.51	5.20	4.90

Demand by Sector

Residential	1,559,496	1,576,730	1,503,735	1,490,075
Commercial/Industrial	237,397	242,449	232,791	229,958
Other	681,968	667,146	629,541	41,563
Dedicated Irrigation	0	0	0	556,285
Unaccounted for	268,801	204,755	172,222	74,958
Total	2,747,662	2,691,080	2,538,289	2,392,839
mgd equivalent	5.63	5.51	5.20	4.90

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	93	90	85	85
Gross	164	153	144	136

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
Storage Tank 1	Steel	4
Storage Tank 2	Steel	4
Storage Tank 3	Steel	4
Storage Tank 4	Conc.	8
Total		20

Interties

Name	No.	Diameter (in.)
CWS - San Mateo	1	12
Mid-Peninsula	1	12

Guadalupe Valley Municipal Improvement District

50 Park Lane

Brisbane, California 94005

Phone: (415) 508-2130 Fax (415) 467-5547

Web: <http://www.ci.brisbane.ca.us/html/cityDept/pw/water.asp>

Service Area

The Guadalupe Valley Municipal Improvement District is located in north San Mateo County, and consists primarily of an industrial park development and a small residential enclave located within the Brisbane city limits.

System

Profile

Area Size	0.5 square miles
Service Population	438 (2000 U.S. Census)
Number of Accounts	Included with City of Brisbane
Number of SFPUC Connections	2 (Total of 5 for the City of Brisbane and GVMID combined)
Connections To SFPUC Mains	Crystal Springs Pipelines #1 and #2
Avg. Day Demand (mgd)	Included with City of Brisbane
Avg. Day Purchases From SFPUC (mgd)	Included with City of Brisbane
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	City of Brisbane, Daly City
Local Storage (mg)	2.0 (Total of 2.9 for the City of Brisbane and GVMID combined)
Days of Storage	3 – Combined storage. All zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity.

Summary

The Guadalupe Valley Municipal Improvement District's (GVMID) only source of potable water is supplied through 2 turnouts off the Crystal Springs #1 and #2 Pipelines. The GVMID distribution system is comprised of 3 pressure zones, and is operated as a combined system with the City of Brisbane Water District.

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	167,401	197,132	159,942	152,798
Recycled Water	0	0	0	0
Other (to City of Brisbane)	-51,500	-66,647	-37,054	0
Total	115,901	130,485	122,888	152,798
mgd equivalent	0.24	0.27	0.25	0.31

Demand by Sector

Residential	23,825	23,989	23,173	–
Commercial/Governmental	58,414	47,284	45,285	–
Landscape	25,797	46,479	45,044	–
Other	3,314	2,508	1,036	–
Unaccounted for 1	4,551	10,225	8,350	–
Total	115,901	130,485	122,888	–
mgd equivalent	0.24	0.27	0.25	–

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	111	112	108	–

Note: Gross per capita use is not calculated for GVMID. The predominately commercial district creates an extremely high and misleading gross per-capita water use due to the small residential population versus disproportionately high commercial water use.

Note: Beginning in FY 2009-10, Brisbane and GVMID source, demand, and per capita use data is reported together as a combined Brisbane/GVMID District. Refer to City of Brisbane for the combined demand and per capita use information.

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
Guadalupe Tank	Steel	1.0
Crocker Tank	Concrete	1.0
Total		2.0

Interties

Name	No.	Diameter (in.)
City of Brisbane	3	12, 12, 12
Daly City	1	12

City of Hayward

Public Works Department - Utilities Division

777 B Street

Hayward, California 94541

Phone: (510) 583-4727 Fax: (510) 583-3610

Web: www.hayward-ca.gov

Service Area

The City of Hayward is located in south Alameda County on the eastern shore of the San Francisco Bay.

System

Profile

Area Size	62.5 square miles
Service Population	153,104
Number of Accounts	32,571
Number of SFPUC Connections	4 (two at each turnout)
Connections To SFPUC Mains	BDPL 1 and 2
Avg. Day Demand (mgd)	17.44
Avg. Day Purchases From SFPUC (mgd)	17.44
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Local Groundwater (Emergency Use Only)
Interties With Other Agencies	ACWD, EBMUD
Local Storage (mg)	28.1
Days of Storage	1.4 - All zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity. Well water could be used in an emergency.

Summary

The City of Hayward obtains its entire water supply from the SFPUC at two turnouts, one at the Irvington Portal and one at the Newark valve lot. The distribution system consists of 6 main pressure zones, 14 water storage tanks, and 7 pump stations delivering water to upper pressure zones. The transmission system attached to the Hetch Hetchy aqueduct is complemented by two booster pump stations: the Decoto pump station, located along the Mission Boulevard 24" transmission main, and the Hesperian pump station, located along the Hesperian Boulevard 42" transmission main. Multiple pressure reducing stations interface between the transmission and distribution systems. Five emergency water wells can be brought online in the event of a transmission system failure.

There is at least one storage tank located within each pressure zone, with pump stations to deliver water to the higher elevation zones. Water is delivered to the 250 pressure zone from SFPUC with sufficient pressure under most conditions. Storage is located in the eastern portion of the City, east of Mission Blvd. The Decoto and/or Hesperian pump

stations boost pressure in the 250 zone when necessary. All five emergency wells are located west of Mission Blvd., as are three of the City's four emergency interties.

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	8,901,286	9,434,134	9,105,654	8,511,066
Local Groundwater	0	0	0	0
Recycled Water	0	0	0	0
Other - EBMUD & ACWD (Temporary supplies)	0	0	0	0
Total	8,901,286	9,434,134	9,105,654	8,511,066
mgd equivalent	18.24	19.33	18.66	17.44

Demand by Sector

Residential	5,191,902	5,086,793	4,715,322	4,330,536
Commercial/Industrial	2,477,346	2,501,818	2,301,514	1,527,449
Other	655,734	701,058	615,126	368,322
Dedicated Irrigation	0	0	0	897,153
Unaccounted for*	576,304	1,144,465	1,473,692	1,387,606
Total	8,901,286	9,434,134	9,105,654	8,511,066
mgd equivalent	18.24	19.33	18.66	17.44

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	72	70	64	58
Gross	123	130	124	114

*Preliminary and subject to change. Staff believes that unaccounted for water is not representative of true system losses, but rather reflects in part aging meter stock. A water loss study was recently completed and corrective actions are under review.

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Treeview	Concrete	3,000,000	250 West	Concrete	500,000
Maitland	Concrete	1,000,000	Highland 500	Concrete	3,000,000
North Walpert	Concrete	1,500,000	Highland 750	Steel	4,400,000
South Walpert	Steel	5,300,000	Highland 1000	Steel	2,200,000
D Street	Concrete	1,000,000	Highland 1285	Steel	1,800,000
High School	Concrete	1,000,000	Garin Hills	Steel	1,250,000
250 East	Concrete	500,000	Highland 1530	Steel	2,900,000
			Total		29,350,000

Wells

Name	Capacity (mgd)	Status
Well A	1.7	Standby (Emergency)
Well B	2.9	Standby (Emergency)
Well C	4.6	Standby (Emergency)
Well D	1.4	Standby (Emergency)
Well E	3.0	Standby (Emergency)
Total	13.6	

Interties

Name	No.	Diameter (in.)
EBMUD*	3	10, 12, 36**
ACWD	1	12

*Also capable of hydrant-to-hydrant interconnection with EBMUD for firefighting purposes during emergencies.

**Regional intertie between SFPUC and EBMUD.

Town of Hillsborough

Water Department

1600 Floribunda Avenue

Hillsborough, California 94010-6498

Phone: (650) 375-7402 Fax: (650) 375-7475

Web: <http://www.hillsborough.net/depts/pw/water/default.asp>

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 ¹	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
Total	1,786,177	1,893,039	1,743,929	1,470,409
mgd equivalent	3.66	3.88	3.57	3.01

Demand by Sector ²

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
Total	1,786,177	1,893,039	1,743,929	1,470,409
mgd equivalent	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

Designation	Type	Capacity (gallons)
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
Total		8,292,000

Interties

Name	No.	Diameter (in.)
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.

City of Menlo Park

Menlo Park Municipal Water Department
 701 Laurel Street
 Menlo Park, California 94025-3483
 Phone: (650) 330-6740 Fax: (650) 327-5497
 Web: <http://www.menlopark.org/index2.html>

Service Area

The City of Menlo Park, a balanced mix of residential, commercial and industrial users, is located in southern San Mateo County.

System

Profile

Area Size	4 square miles
Service Population	14,139
Number of Accounts	4,104
Number of SFPUC Connections	5
Connections To SFPUC Mains	Ivy Drive at Hill, Chilco and Madera to BDPL 1 and 2, Sharon Park Drive at Lassen to BDPL 3 and 4, El Camino Real and Middle to Palo Alto Pipeline
Avg. Day Demand (mgd)	3.19
Avg. Day Purchases From SFPUC (mgd)	3.19
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	CWS - Bear Gulch District, Redwood City, East Palo Alto, O'Conner Tract Water Coop, Palo Alto Park Mutual Water Co.
Local Storage (mg)	5.5 mg
Days of Storage	0.65

Summary

The City of Menlo Park purchases most of its water directly from the SFPUC, and the remainder from East Palo Alto, whose source is also SFPUC. One SFPUC turnout serves the Sharon Heights area along Sand Hill Road and Highway 280, and four turnouts serve portions of the City north and east of El Camino Real near Highway 101 and Willow Road. The distribution system includes one pump station, two storage reservoirs, and 59 miles of mains.

The two reservoirs supply the Sharon Heights area. No storage exists in the areas supplied north and east of El Camino Real. However, this area has emergency interties with California Water Service (CWS), Redwood City, O'Connor Tract Water Coop, East Palo Alto and Palo Alto Park Mutual Water Co. CWS is the primary emergency source of water for Menlo Park.

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	1,735,075	1,801,894	1,576,076	1,513,093
East Palo Alto - SFPUC	0	55,194	52,199	43,708
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,735,075	1,857,088	1,628,275	1,556,801
mgd equivalent	3.56	3.81	3.34	3.19

Demand by Sector

Residential	758,543	748,048	721,684	647,790
Commercial/Industrial	720,975	707,715	602,191	548,276
Other	268,245	300,804	280,247	90,844
Dedicated Irrigation	0	0	0	142,781
Unaccounted for	-12,688	100,521	24,153	127,110
Total	1,735,075	1,857,088	1,628,275	1,556,801
mgd equivalent	3.56	3.81	3.34	3.19

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)*	Actual FY 09-10 (gpcpd)
Residential	152	149	105	94
Gross	347	369	236	226

* The City of Menlo Park recounted its service population during FY 2008-09 and adjusted it up from 10,308 to 14,139.

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
Reservoir 1	Storage	2.0
Reservoir 2	Storage	3.5
Total		5.5

Interties

Name	No.	Diameter (in.)
CWS – Bear Gulch	3	6, 8, 10
East Palo Alto	1	12
O'Conner Tract	1	6
Redwood City	1	6
Palo Alto Park	1	6

Mid-Peninsula Water District

Three Dairy Lane
 Belmont, California 94002-0129
 Phone: (650) 591-8941 Fax: (650) 591-4998
 Web: <http://www.midpeninsulawater.org>

Service Area

The Mid-Peninsula Water District, located in central San Mateo County, serves the city of Belmont, portions of San Carlos, and unincorporated county areas. The predominant land use is residential.

System

Profile

Area Size	5 square miles
Service Population	26,130
Number of Accounts	7,973
Number of SFPUC Connections	2
Connections To SFPUC Mains	BDPL 1 and 2, Crystal Springs Bypass Tunnel
Avg. Day Demand (mgd)	2.85
Avg. Day Purchases From SFPUC (mgd)	2.85
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	Estero MID, Redwood City, CWS - San Mateo, CWS - San Carlos
Local Storage (mg)	13.0
Days of Storage	3.6 - All zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity.

Summary

The District's sole source of potable water is delivered via two SFPUC turnouts. Local water storage is not feasible, and groundwater of adequate quantity and quality is not available.

The system contains 9 pressure zones. The easternmost zone, east of El Camino Real, is gravity fed from the SFPUC connection. Water is pumped to storage reservoirs at higher elevations to feed the remaining pressure zones. The District operates and maintains a complex distribution system that includes 20 pumps, 11 water tanks, 13 regulating valves, 813 hydrants, and 105 miles of water mains.

The District also has redundancy built into the entire distribution system, enabling either of the two SFPUC transmission mains to supply water to all customers of the District. The District has the ability to transfer water between pressure zones in either a pump-up or flow-down mode in emergency conditions.

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	1,652,208	1,583,791	1,533,876	1,390,831
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,652,208	1,583,791	1,533,876	1,390,831
mgd equivalent	3.39	3.25	3.14	2.85

Demand by Sector

Residential	1,158,487	1,108,593	1,066,936	1,044,622
Commercial/Industrial	291,216	281,630	260,441	261,954
Other	105,345	109,194	106,428	88,623
Unaccounted for	97,160	84,374	100,071	-4,368
Total	1,652,208	1,583,791	1,533,876	1,390,831
mgd equivalent	3.39	3.25	3.14	2.85

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	91	87	84	82
Gross	130	125	121	109

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)	Designation	Type	Capacity (mg)
Storage Tank 1	Steel	2.50	Storage Tank 7	Steel	0.79
Storage Tank 2	Steel	2.50	Storage Tank 8	Steel	0.79
Storage Tank 3	Steel	1.50	Storage Tank 9	Steel	0.10
Storage Tank 4	Steel	1.50	Storage Tank 10	Steel	0.10
Storage Tank 5	Steel	1.00	Storage Tank 11	Steel	1.50
Storage Tank 6	Steel	0.72			
Total					13.00

Interties

Name	No.	Diameter (in.)	Name	No.	Diameter (in.)
Estero	1	12	CWS - San Carlos	2	8
Redwood City	1	12	CWS - San Mateo	3	8

City of Millbrae

Public Works - Engineering
621 Magnolia Avenue
Millbrae, California 94030

Phone: (650) 259-2339 Fax: (650) 697-8158

Web: <http://www.ci.millbrae.ca.us>

Service Area

The City of Millbrae is a residential community with a small commercial business sector located in north San Mateo County. Millbrae owns and operates its water utility, with a service area that includes Capuchino High School in San Bruno.

System

Profile

Area Size	3.2 square miles
Service Population	21,387
Number of Accounts	6,502
Number of SFPUC Connections	5
Connections To SFPUC Mains	Murchison, Greenhills, Park, 195 ECR, Helen
Avg. Day Demand (mgd)	2.26
Avg. Day Purchases From SFPUC (mgd)	2.24
% Demand Met With SFPUC Supplies	99.4%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	Burlingame
Local Storage (mg)	2.6
Days of Storage	0.8 - 3 of 4 (Zones 1- 3) zones receive water from Harry Tracy Plant. Meets 8 hr. coverage for City's 3 upper zones. Planned projects will provide interties among zones to provide storage to Zone 4. These projects are in pending completion of a Master Plan.

Summary

The City of Millbrae's only source of water is the SFPUC, delivered through 5 turnouts. Hetch Hetchy water purchased from the SFPUC meets all drinking water standards and is treated with fluoride.

Four storage tanks near the Harry Tracy WTP are filled early in the morning and are slowly drawn throughout the day to satisfy customer demand. Water filtered by the Harry Tracy Treatment Plant (San Andreas Reservoir) supplies water in the higher elevations, while the Crystal Springs #2 and #3 deliver water to the lower elevations.

The distribution system includes 11 pressure zones, 6 pumps (3 each at 2 stations), 6 storage tanks (only 4 are in operation), 546 hydrants, and 69.7 miles of water mains.

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	1,194,450	1,199,327	1,168,008	1,094,867
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	11,712	6,684
Other	0	0	0	0
Total	1,194,450	1,199,327	1,179,720	1,101,551
mgd equivalent	2.45	2.46	2.42	2.26

Demand by Sector

Residential	834,236	834,788	790,531	731,063
Commercial/Industrial	118,150	188,010	173,222	166,457
Other	202,612	147,876	141,290	48,922
Dedicated Irrigation	0	0	0	74,097
Unaccounted for	39,452	28,653	74,677	81,012
Total	1,194,450	1,199,327	1,179,720	1,101,551
mgd equivalent	2.45	2.46	2.42	2.26

Note: The actual amount of unaccounted for water is 66,315 ccf. The above unaccounted for water amount does not include known water uses, such as water main flushing, hydrant flushing, fire equipment maintenance and known leaks. Recycled water is included in the Supply by Source total amount, which accounts for a higher unaccounted for water amount.

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	83	83	76	70
Gross (less recycled water)	118	119	113	106

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
Storage Tank 1	Steel	1.00
Storage Tank 2	Steel	0.50
Storage Tank 3	Steel	0.50
Storage Tank 4	Steel	0.11
Storage Tank 5	Steel	0.25
Storage Tank 6	Steel	0.25
Total		2.61

Interties

Name	No.	Diameter (in.)
Burlingame	5	8, 10, 12

City of Milpitas

Public Works Department, Engineering Division
 455 East Calaveras Boulevard
 Milpitas, California 95035-5411
 Phone: (408) 586-3300 Fax: (408) 586-3305
 Web: <http://www.ci.milpitas.ca.gov/>

Service Area

The City of Milpitas is located in northeastern Santa Clara County.

System

Profile

Area Size	13.6 square miles
Service Population	70,817
Number of Accounts	16,514
Number of SFPUC Connections	4 - Sunnyhills (Washington), Calaveras, Main (Hammond), and Gibraltar Tank (intertie).
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	10.00
Avg. Day Purchases From SFPUC (mgd)	6.24
% Demand Met With SFPUC Supplies	62.4%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Santa Clara Valley Water District (SCVWD), South Bay Water Recycling (SBWR), Pinewood Well
Interties With Other Agencies	Alameda County Water District (ACWD), San Jose Water Company (SJWC)
Local Storage (mg)	16.3
Days of Storage	1.4 - All 6 zones can meet the 8 hr criteria, ranging from 9 hours to 31 hours at maximum day.

Summary

The City of Milpitas owns and operates its own water utility. The northern and eastern areas are supplied primarily by the SFPUC, while the remaining areas are supplied by SCVWD. With few exceptions, residents receive SFPUC water, while industrial and commercial areas receive SCVWD water. The City does not blend SFPUC and SCVWD waters under normal operations, but they can be blended during emergency situations.

The City's distribution system consists of 5 turnouts, 9 pressure regulator valves, 4 emergency pressure regulator valves, 5 pumping stations, 5 storage tanks, and 1 well.

The City has emergency interties with ACWD to the north and SJWC to the south. The City has one well, Pinewood Well, which can provide water to one SFPUC-supplied zone during emergencies. Another well is under construction to supplement water supply during emergencies.

Since 1997, the City has been receiving non-potable recycled water from SBWR.

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	3,363,685	3,346,012	3,373,223	3,044,020
Santa Clara Valley WD	1,763,531	1,791,890	1,683,070	1,459,979
Recycled Water	377,818	411,035	414,472	374,859
Other	0	0	0	0
Total	5,505,034	5,548,937	5,470,765	4,878,858
mgd equivalent	11.28	11.37	11.21	10.00

Demand by Sector

Residential	2,319,350	2,380,541	2,249,405	2,124,602
Commercial/Industrial	1,665,442	1,496,441	1,372,668	1,251,999
Other	1,123,338	1,199,111	1,120,611	546,856
Dedicated Irrigation	0	0	0	590,328
Unaccounted for	396,904	472,844	728,081	365,073
Total	5,505,034	5,548,937	5,470,765	4,878,858
mgd equivalent	11.28	11.37	11.21	10.00

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	73	70	65	61
Gross (Less Recycled Water)	162	152	146	141

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
SFPUC – Gibraltar	Prestressed Concrete	5.00
SFPUC – Ayer	Prestressed Concrete	5.60
SFPUC – Tularcitos	Steel	0.31
SFPUC – Minnis	Steel	0.35
SCVWD – Gibraltar	Prestressed Concrete	5.00
Total		16.26

Wells

Name	Capacity (mgd)	Status
Pinewood*	1.7	Active
Total	1.7	

*Emergency use

Interties

Name	No.	Diameter (in.)
SCVWD*	41	6 - 24
SJWC	1	6
ACWD	2	8

*Emergency and Isolation Valves included.

City of Mountain View

Public Services Department
231 North Whisman Road
Mountain View, California 94043

Phone: (650) 903-6329 Fax: (650) 903-6768

Web: <http://www.ci.mtnview.ca.us>

Service Area

The City of Mountain View is located in north Santa Clara County on the Peninsula, between the cities of Sunnyvale and Palo Alto.

System

Profile

Area Size	12 square miles
Service Population	75,787
Number of Accounts	17,389
Number of SFPUC Connections	2 turnouts/ 6 meters
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	10.41
Avg. Day Purchases From SFPUC (mgd)	8.88
% Demand Met With SFPUC Supplies	85.3%
Maximum Local Water Production (mgd)	7.1
Alternative Supply Sources	Local Groundwater
Interties With Other Agencies	Palo Alto, Sunnyvale, SCVWD, CWS
Local Storage (mg)	17.0
Days of Storage	Note: With loss of SFPUC supply only, City can utilize wells, SCVWD or storage within zones or excess capacity from other zones to meet 8-hour outage or Minimum Winter Demand.

Summary

The City of Mountain View primary water supplier is SFPUC. Santa Clara Valley Water District supplies treated water and Mountain View groundwater. California Water Service also provides water to a small part of Mountain View. The system distributes water to three pressure zones via 175 miles of main, with inter-zonal connections that allow water to flow from one adjacent zone to another. Mountain View has four water storage facilities.

Mountain View has 7 active wells (one currently out of service) and 1 standby well. The wells influence each other, resulting in varied maximum and simultaneous flows. They have not been operated at their maximum due to various maintenance and operational issues. The standby well can be plumbed to serve all three zones.

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	5,349,361	5,074,103	4,788,905	4,332,561
Santa Clara Valley WD	590,560	520,076	586,992	442,180
Local Groundwater	72,024	180,155	172,059	189,877
Recycled Water	0	0	0	116,116
Other (irrigation well for golf links)*	104,500	0	0	4
Total	6,116,445	5,774,334	5,547,956	5,080,738
mgd equivalent	12.53	11.83	11.37	10.41

Demand by Sector

Residential	3,064,792	3,050,492	2,874,724	2,670,575
Commercial/Industrial	1,097,264	1,120,375	1,060,416	972,467
Other	1,239,100	1,280,160	1,148,093	13,674
Dedicated Irrigation	0	0	0	950,104
Flushing and fire flow	23,991	10,947	7,698	0
Unaccounted for*	691,298	312,360	457,025	473,918
Total	6,116,445	5,774,334	5,547,956	5,080,738
mgd equivalent	12.53	11.83	11.37	10.41

*Shoreline irrigation well water is metered but not billed; therefore, these usage figures should be excluded from reported unaccounted for totals."

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	86	85	79	72
Gross	171	160	152	137

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Miramonte	Concrete	700,000	Whisman	Concrete	6,000,000
Miramonte	Concrete	2,300,000	Graham	Concrete	8,000,000
			Total		17,000,000

Wells

Name	Capacity (mgd)	Status	Name	Capacity (mgd)	Status
Well 9	0.7	Standby	Well 20	1.5	Active
Well 10	1.2	Active	Well 21	1.1	Active
Well 17	0.2	Active	Well 22	1.1	Active
Well 19	0.7	OOS	Well 23*	1.3	Active
			Total	7.8	

Interties

Name	No.	Diameter (in.)	Name	No.	Diameter (in.)
Palo Alto	2	6	SCVWD	1	24
Sunnyvale	3	6, 8, 8			

North Coast County Water District

2400 Francisco Boulevard

Pacifica, California 94044-6039

Phone: (650) 355-3462 Fax: (650) 355-0735

Web: <http://www.nccwd.com>

Service Area

The North Coast County Water District serves the northern coastal areas of San Mateo County. The District's boundaries are nearly the same as those of the City of Pacifica.

System

Profile

Area Size	13.6 square miles
Service Population	40,401
Number of Accounts	12,412
Number of SFPUC Connections	1
Connections To SFPUC Mains	San Andreas 3
Avg. Day Demand (mgd)	3.02
Avg. Day Purchases From SFPUC (mgd)	3.02
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Local Surface Water
Interties With Other Agencies	San Bruno, Daly City, Westborough CWD
Local Storage (mg)	23.35
Days of Storage	7.12 - 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. San Pedro Creek could meet limited demand in an emergency.

Summary

100% of NCCWD water comes from one SFPUC connection at San Andreas. There is a main pump station located on the site of the Harry Tracy WTP, which pumps all the water through a 4 mile pipeline into the Milagra Ridge storage tank located in the Central District area.

The northern portion of the system is supplied by pumping water from the Milagra Ridge Tank site to the Christian Hill tank, then distributing it to the customers via gravity. The southern District's distribution hub, at Royce Tank Site, is supplied via gravity by the Milagra Ridge Tank. Overall, the system is divided into 34 pressure zones, each separated by pressure reducing valves. At average daily demands, there is enough storage to supply the District with water for up to 7.2 days at typical demands and storage. A small amount of water is conveyed to San Bruno annually as a public customer.

The District's only other water source is the San Pedro Creek. Water rights to the creek are limited to 500 gpm between December 1 and April 30, and to 210 gpm during May. This water requires filtering and minimal treatment at the San Pedro WTP adjacent to

the creek before distribution. The San Pedro facility is on line and filters creek water, as allowed by the District's water rights, for non-potable uses.

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	1,418,174	1,582,423	1,632,364	1,471,838
Westborough CWD (SFPUC)	120,041	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,538,215	1,582,423	1,632,364	1,471,838
mgd equivalent	3.15	3.24	3.35	3.02

Demand by Sector

Residential	1,187,648	1,155,924	1,115,208	1,075,686
Commercial/Industrial	107,598	157,995	104,548	93,985
Other	121,811	127,712	308,539	90,391
Dedicated Irrigation	0	0	0	31,804
Unaccounted for	121,158	140,792	104,069	179,972
Total	1,538,215	1,582,423	1,632,364	1,471,838
mgd equivalent	3.15	3.24	3.35	3.02

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	79	59	57	55
Gross	61	81	84	75

Facilities and Distribution

Potable Storage Reservoirs

Designation	Capacity (gallons)
13 Reservoirs	23,550,000
Total	23,550,000

Recycled Surface Water Treatment Facilities

Designation	Capacity (mgd)
San Pedro WTP	0.5

Recycled Water

Designation	Capacity (mgd)
Central District	0.3

Interties

Name	No.	Diameter (in.)
San Bruno	2	10
Daly City	2	6, 8

Name	No.	Diameter (in.)
Westborough	3	8, 10, 10

City of Palo Alto

250 Hamilton Avenue

Palo Alto, California 94301-2593

Phone: (650) 329-2119 Fax: (650) 326-1507

Web: <http://www.cityofpaloalto.org>

Service Area

Located in north Santa Clara County, Palo Alto is the only municipality in California that operates six utilities - electric and fiber, water, gas, waste water collection and treatment, storm drainage and refuse. The utility's service area includes approximately 40 residential accounts (about 100 people) outside of the City's boundaries (in Los Altos Hills and Portola Valley).

System

Profile

Area Size	26 square miles
Service Population	65,408
Number of Accounts	20,141
Number of SFPUC Connections	5
Connections To SFPUC Mains	Palo Alto Pipeline, BDPL 3 and 4
Avg. Day Demand (mgd)	11.71
Avg. Day Purchases From SFPUC (mgd)	10.99
% Demand Met With SFPUC Supplies	93.8%
Maximum Local Water Production (mgd)	0.72 – Currently 7 emergency wells, one more to be constructed by 2012 (EC Park)
Alternative Supply Sources	Recycled Water, Local Groundwater
Interties With Other Agencies	East Palo Alto CWD, Mountain View, Purissima Hills WD, Stanford University
Local Storage (mg)	10.5 (one 2.5 MG reservoir to be constructed by 2012)
Days of Storage	0.8 – Currently, Palo Alto water system can independently supply 2.5 hr of the 8 hr criteria under max. day demands for emergency use, assuming all existing 5 reservoirs are full, and 5 standby wells are operational – Source 1999 Study, Fig. ES.3

Summary

The City of Palo Alto's primary source of water is the SFPUC, via 5 turnouts, 3 off the Palo Alto Pipeline and 2 off BDPLs 3 and 4, that in most years provide 100% of Palo Alto's potable water supply. Palo Alto has 9 pressure zones, 6 storage tanks, 5 booster pump stations in the Foothills which pump water to the higher elevation pressure zones, and 2 booster pump stations to support pressure zones 1 and 2.

Local groundwater wells do not meet secondary drinking water standards for iron and manganese without additional treatment. To improve the capacity of the local water distribution system for providing water during an emergency event, Palo Alto has begun a program to rehabilitate the 5 existing wells, construct 3 new wells, and construct a new

2.5 million gallon emergency water storage reservoir. The new and rehabilitated wells would be used only for emergency supplies.

Palo Alto replaces potable water with recycled water to irrigate a golf course and a city park, to fill a duck pond, and some uses at the water quality control plant. Recycled water use that does not replace potable water includes the Emily Renzel Marsh enhancement project and additional process uses at the water quality control plant.

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	6,361,100	6,205,790	5,677,018	5,362,816
Local Groundwater	0	0	0	0
Recycled Water	417,000	415,025	324,323	352,532
Other	0	0	0	0
Total	6,778,100	6,620,815	6,001,341	5,715,348
mgd equivalent	13.89	13.57	12.30	11.71

Demand by Sector

Residential	3,582,243	3,536,215	3,309,616	3,074,287
Commercial/Industrial	1,516,299	1,576,218	1,574,190	1,149,537
Other	799,061	829,236	835,642	641,834
Dedicated Irrigation	0	0	0	440,629
Unaccounted for	880,497	679,146	281,893	409,061
Total	6,778,100	6,620,815	6,001,341	5,715,348
mgd equivalent	13.89	13.57	12.30	11.71

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	118	114	107	96
Gross (Less Recycled Water)	210	200	184	179

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Mayfield	Concrete	4,000,000	Dahl	Steel	1,000,000
Boronda	Concrete	1,500,000	Montebello	Steel	1,500,000
Corte Madera	Steel	1,500,000	Park	Steel	1,000,000
			Total		10,500,000

Wells

Name	Capacity (mgd)	Status
Eleanor Pardee	1.44	Operational; new
El Camino Park	1.44	Operational; new
Fernando	1.01	Currently being refurbished; existing
Hale	2.09	Currently being refurbished; existing
Library	0.86	Operational; new
Matadero	1.01	Currently being refurbished; existing
Peers*	2.45	Currently being refurbished; existing
Rinconada	4.75	Currently being refurbished; existing
Total	15.05	

Note: All wells are designated Emergency/Standby at this time.

Interties

Name	No.	Diameter (in.)
East Palo Alto	1	6
Mountain View	2	6
Stanford	2	8
Purissima Hills WD	2	8, 12

Purissima Hills Water District

26375 Fremont Road
 Los Altos Hills, California 94022-2699
 Phone: (650) 948-1217 Fax: (650) 948-0961

Service Area

The Purissima Hills Water District provides service to two-thirds of the Town of Los Altos Hills, a rural community adjacent to the City of Palo Alto, and unincorporated county land on the southern boundary. The District serves predominantly single-family homes on minimum one-acre lots. The largest customer is Foothill College.

System

Profile

Area Size	8,600 acres
Service Population	6,060
Number of Accounts	2,128
Number of SFPUC Connections	2
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	1.75
Avg. Day Purchases From SFPUC (mgd)	1.75
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	CWS - Los Altos, City of Palo Alto
Local Storage (mg)	9.88
Days of Storage	All 4 distribution zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity

Summary

Purissima Hills Water District receives 100% of its water supply from two San Francisco/Hetch Hetchy turnouts located along the Foothill Expressway on the northern edge of the District. The SFPUC supply is gravity-fed through 18" transmission mains to the Deer Creek Pump Station and McCann Tanks at 250 feet above sea level.

All services within the District are gravity fed from tanks in the respective zones. The distribution system consists of 4 pressure zones, 11 tanks, 5 pumping stations, 14 pumps, and 80 miles of pipe.

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	1,112,291	1,124,922	980,987	854,854
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,112,291	1,124,922	980,987	854,854
Mgd equivalent	2.28	2.31	2.01	1.75

Demand by Sector

Residential	955,474	985,962	893,723	757,974
Commercial/Industrial	0	0	0	0
Other	66,086	76,645	62,242	45,155
Dedicated Irrigation	0	0	0	6,163
Unaccounted for	90,731	62,315	25,022	45,562
Total	1,112,291	1,124,922	980,987	854,854
Mgd equivalent	2.28	2.31	2.01	1.75

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	324	334	303	256
Gross	377	381	332	289

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
MC Tank 1	Steel	130,000	A Tank 1	Redwood	200,000
MC Tank 2	Steel	1,000,000	A Tank 2	Cor-ten Steel	250,000
LC Tank 1	Steel	100,000	N Tank 1	Cor-ten Steel	200,000
LC Tank 2	Cor-ten Steel	900,000	N Tank 2	Cor-ten Steel	3,000,000
HH Tank	Concrete	3,100,000	PM Tank	Cor-ten Steel	500,000
E Tank	Steel	500,000			
Total					9,880,000

Interties

Name	No.	Diameter (in.)
CWS - Los Altos	2	8, 12
City of Palo Alto	2	8, 12

City of Redwood City

Public Works Services Department

1400 Broadway

Redwood City, California 94063-2505

Phone: (650) 780-7464 Fax: (650) 780-7445

Web: <http://www.redwoodcity.org/publicworks/water/index.html>

Service Area

Redwood City is located in south San Mateo County. The City of Redwood City owns and operates its own water utility, and supplies water beyond its City limits, to portions of the Town of Woodside, the City of San Carlos, and unincorporated areas of the County.

System

Profile

Area Size	35 square miles
Service Population	85,098
Number of Accounts	23,166
Number of SFPUC Connections	13
Connections To SFPUC Mains	Bay Crossing 1 and 2, BDPL 1 and 2, BDPL 3 and 4
Avg. Day Demand (mgd)	10.02
Avg. Day Purchases From SFPUC (mgd)	9.61
% Demand Met With SFPUC Supplies	95.9%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Recycled water for landscape irrigation
Interties With Other Agencies	CWS -Bear Gulch, CWS - Mid- Peninsula, Mid-Peninsula WD, Menlo Park
Local Storage (mg)	21.24
Days of Storage	2.2 days storage. - 4 of 14 pressure zones have no storage facilities. The 4 zones without storage have emergency interties with other water agencies.

Summary

The City of Redwood City purchases all of its potable water from the SFPUC via 13 active meter connections. 7 of the turnouts are located off Bay Division Pipelines 1 and 2, 1 turnout is off BDPL 1, 2, and 3, and 5 turnouts are off BDPL 3 and 4.

The distribution system consists of 14 separate pressure zones, 10 pump stations and 264.5 miles of water mains. Pumps are located at 7 of the 11 storage sites. In addition, there are permanent generators at the Glenloch, Peninsula 1, and Peninsula 2 tanks, and 2 portable generators on stand-by.

The City has a total of 11 emergency interties with California Water Service of San Carlos, Mid-Peninsula Water District, and the City of Menlo Park.

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	5,694,374	5,711,397	5,048,309	4,689,257
Recycled Water	6,871	112,384	42,705	201,867
Other	0	0	0	0
Total	5,701,245	5,823,781	5,091,014	4,891,124
mgd equivalent	11.68	11.93	10.43	10.02

Demand by Sector

Residential	3,760,348	3,631,006	3,494,504	3,037,782
Commercial/Industrial	1,538,003	1,378,552	1,313,361	827,258
Other	73,906	140,770	72,246	233,756
Dedicated Irrigation	0	0	0	388,035
Unaccounted for	328,988	673,453	210,903	404,293
Total	5,701,245	5,823,781	5,091,014	4,891,124
mgd equivalent	11.68	11.93	10.43	10.02

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	92	89	85	73
Gross (Less Recycled Water)	139	140	123	118

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)	Designation	Type	Capacity (mg)
Easter Cross	Steel	0.10	Lakeview	Steel	1.00
Easter Bowl	Steel	1.20	Main City Zone	Steel	8.00
Glenloch	Steel	0.09	Main City Zone	Steel	3.75
Wilmington South	Steel	0.25	Redwood Shores	Steel	3.20
Cambridge	Steel	0.65	Redwood Shores	Steel	3.00
Total					21.24

Interties

Name	No.	Diameter (in.)	Name	No.	Diameter (in.)
BCWD	1	12	Douglas / Fair Oaks	1	6
BCWD and CWS	1	12	CWS – Bear Gulch	2	6
Oakwood / El Camino	1	6	Bransten / Industrial	1	8
MPW	1	6	San Carlos	2	6, Fire Hose
Alameda / Edgewood	1	Fire Hose	Eaton	1	Fire Hose

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

City of San Jose San Jose Municipal Water System - North

3025 Tuers Road
San Jose, California 95121

Phone: (408) 277-4218 Fax: (408) 277-4954

Web: <http://www.sjmuniwater.com>

Service Area

Located in north central Santa Clara County, the North San Jose/Alviso service area is predominantly industrial with some residential and commercial land use.

System

Profile

Area Size	5.3 square miles
Service Population	14,645
Number of Accounts	1,994 Potable, 65 Recycled, 360 Fire
Number of SFPUC Connections	2
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	4.48 Potable and Recycled
Avg. Day Purchases From SFPUC (mgd)	4.10
% Demand Met With SFPUC Supplies	91.4%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Ground Water and Recycled Water
Interties With Other Agencies	City of Santa Clara
Local Storage (mg)	6.0
Days of Storage	1.3 - Length of storage based on loss of all sources of supply. Can meet the required 8 hr. coverage with storage alone. Well water, normally used supplementally, could supply peak demand in an emergency

Summary

The North San Jose/Alviso water service area in the City of San Jose is supplied primarily by the SFPUC through two turnouts off the Bay Division Pipelines 3 and 4. The SFPUC turnouts are equipped with emergency connections for a portable chlorinator.

The North San Jose/Alviso service area has two storage tanks and four wells capable of meeting average and peak flow demands that supplement the SFPUC supply during high flow periods.

Other communities in the San Jose Municipal Water System are supplied primarily by water purchased from the Santa Clara Valley Water District, with supplemental supplies coming from local groundwater. An intertie with the City of Santa Clara can be activated within 2 hours.

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	2,321,769	2,394,495	2,185,349	1,998,932
Local Groundwater	0	17	0	0
Recycled Water	247,479	279,519	251,897	188,986
Other	0	0	0	0
Total	2,569,248	2,674,031	2,437,246	2,187,918
mgd equivalent	5.27	5.48	4.99	4.48

Demand by Sector

Residential	650,866	698,347	521,171	512,882
Commercial/Industrial	1,534,792	1,615,408	924,955	822,788
Other	1,302,097	1,155,585	978,378	259,611
Dedicated Irrigation	0	0	0	562,564
Unaccounted for	-918,507	-795,309	12,742	30,073
Total	2,569,248	2,674,031	2,437,246	2,187,918
mgd equivalent	5.27	5.48	4.99	4.48

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	63	69
Gross (Less Recycled Water)	350	332	265	293

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
Storage Tank 1	Steel	3
Storage Tank 2	Steel	3
Total		6

Wells

Name	Capacity (mgd)	Status	Name	Capacity (mgd)	Status
Well 1	2.0	Standby	Well 3	2.0	Standby
Well 2	2.0	Active	Well 4	2.0	Active
Total	8.0				

Interties

Name	No.	Diameter (in.)
Santa Clara	1	8

City of Santa Clara

1500 Warburton Avenue
 Santa Clara, California 95050-3792
 Phone: (408) 615-2000 Fax: (408) 247-0784
 Web: <http://santaclaraca.gov/index.aspx?page=257>

Service Area

The City of Santa Clara is located at the south end of the San Francisco Bay in Santa Clara County. The northern area of the City is predominantly commercial/industrial, while the southern part is primarily residential.

System

Profile

Area Size	19.3 square miles
Service Population	118,830
Number of Accounts	25,800
Number of SFPUC Connections	2
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	20.78
Avg. Day Purchases From SFPUC (mgd)	2.27
% Demand Met With SFPUC Supplies	10.9%
Maximum Local Water Production (mgd)	23.3 - This volume is historically sustainable for 1 month, but may not be sustainable for longer periods.
Alternative Supply Sources	Local Groundwater
Interties With Other Agencies	Santa Clara Valley WD
Local Storage (mg)	27.3
Days of Storage	1 - 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, normally used supplementally, could supply peak demand in an emergency.

* Average daily demand includes recycled water

Summary

The City of Santa Clara purchases water from SFPUC and SCVWD. Two SFPUC turnouts off BDPL 3 and 4 supply the Northside tank and booster station, which distributes water to the northernmost pressure zone of the City. Water from SCVWD is delivered to the southwest portion of the City through the Santa Clara Distributary.

Water from 27 active wells meet current drinking water standards without treatment, and produce over half of the City's water supply.

The City also operates a recycled water system, which is part of the South Bay Water Recycling system. Tertiary treated effluent from the jointly owned San Jose-Santa Clara Water Pollution Control Plant is available for landscape irrigation and certain industrial uses, distributed within Santa Clara by about 20 miles of pipeline.

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	2,106,452	1,618,029	1,307,380	1,105,658
Santa Clara Valley WD	1,889,425	1,836,125	1,844,895	6,150,700
Local Groundwater	6,692,571	6,989,003	6,638,743	1,043,046
Recycled Water	1,318,850	1,339,497	1,061,898	1,839,925
Other	0	0	0	0
Total	12,007,298	11,782,654	10,852,916	10,139,329
mgd equivalent	24.61	24.15	22.24	20.78

Demand by Sector

Residential	5,229,349	5,109,682	4,909,184	4,505,829
Commercial/Industrial	5,441,549	5,258,266	4,756,270	2,634,777
Other	1,020,559	1,043,829	870,896	1,421,161
Dedicated Irrigation	0	0	0	1,271,243
Unaccounted for	315,841	370,877	316,566	306,319
Total	12,007,298	11,782,654	10,852,916	10,139,329
mgd equivalent	24.61	24.15	22.24	20.78

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (ccf)
Residential	94	92	86	78
Gross (Less Recycled Water)	198	187	171	175

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
Northside	Steel	9.4
Serra	Steel	13.2
Downtown	Steel	4.2
Walsh	Steel	0.5
Total		27.3

Wells

Name	Capacity (mgd)	Status
Well 2-02	2.7	Active
Well 3-02	2.6	Active
Well 4	1.4	Active
Well 5-02	2.3	Active
Well 6.	2.4	Active
Well 7	1.7	Active
Well 8	1.6	Active
Well 9-02	1.5	Active
Well 10	2.4	Active
Well 11	2.5	Active
Well 12	2.1	Active
Well 13-02	2.4	Active
Well 14	1.6	Active
Well 15	1.2	Active

Name	Capacity (mgd)	Status
Well 16-02	1.6	Active
Well 17-02	2.9	Active
Well 18-02	1.9	Active
Well 21	2.6	Active
Well 22-02	1.7	Active
Well 23	2.6	Active
Well 24	2.2	Active
Well 25	1.3	Active
Well 26	1.4	Active
Well 28	2.8	Active
Well 29	2.7	Active
Well 30	2.0	Active
Well 34	1.4	Active

Total 55.5

Interties

Name	No.	Diameter (in.)
SCVWD	1	10

Stanford University

327 Bonair Siding
 Stanford, California 94305-7272
 Phone: (650) 725-7864 Fax: (650) 723-3191

Service Area

The Stanford Utilities Division supplies water to the campus area and nearby Stanford unincorporated lands.

System

Profile

Area Size	3.1 square miles
Service Population	27,491
Number of Accounts	n/a
Number of SFPUC Connections	3
Connections To SFPUC Mains	BDPL 3 and 4, 1 turnout off Palo Alto pipeline
Avg. Day Demand (mgd)	3.17
Avg. Day Purchases From SFPUC (mgd)	2.14
% Demand Met With SFPUC Supplies	67.5% (100% of drinking water)
Average Day Local Water Production (mgd)	1.03
Alternative Supply Sources	Local groundwater, surface water, recycled water**
Interties With Other Agencies	Palo Alto
Local Storage (mg)	8
Days of Storage	2.5 – All 3 zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity. Wells can supply an additional 3.7 mgd in an emergency.

*Average daytime population is used for current and future projections.

** In FY-08-09, Stanford completed a recycled water plant that treats wastewater from the Central Energy Facility cooling tower blow-down for reuse for toilet and urinal flushing in new buildings.

Summary

Stanford has four sources of water supply: purchased potable water from the SFPUC, groundwater, non-potable surface water from the local watershed, and recycled water.

SFPUC water is delivered through two turnouts off BDPL 3 and 4 and one turnout off the Palo Alto pipeline. There are four wells located on Stanford property that could be used in an emergency. Three of the wells are in compliance with all drinking water standards, while the fourth well is “standby”, since its manganese levels exceed current standards.

Stanford also has a non-potable (lake) water system that supplies about 80% of its irrigation needs, significantly reducing Stanford’s use of potable water for irrigation. This system is typically supplied by Stanford’s surface water diversions, and supplemented by ground water. The extent of ground water use depends on the amount of rainfall and resulting surface water supply availability. The lake water system can also be supplied as needed by SFPUC water.

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	1,112,857	1,125,377	1,045,886	1,043,864
Local Groundwater	69,533	341,378	285,628	149,039
Surface Water	394,588	255,917	242,369	352,508
Other	0	0	37	0
Total	1,576,978	1,722,672	1,573,920	1,545,411
mgd equivalent	3.23	3.53	3.23	3.17

Demand by Sector

Residential	563,567	565,966	544,759	507,468
Commercial/Industrial	350,812	359,828	305,800	302,696
Other	639,186	794,321	747,105	728,732
Unaccounted for	23,413	2,557	-23,744	6,515
Total	1,576,978	1,722,672	1,573,920	1,545,411
mgd equivalent	3.23	3.53	3.23	3.17

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	n/a	n/a	n/a	n/a
Gross	117	122	118	115

Note: Due to its unique service area, Stanford's residential per capita numbers are excluded.

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)
Foothill 1		2,000,000
Foothill 2		6,000,000
San Juan*		0
Total		8,000,000

*San Juan is currently out of service.

Wells

Name	Capacity (gpm)	Status
Well 1	500	Active
Well 2	500	Active
Well 3R	1200	Active
Well 4R	400	Pending CDPH Permit
Well 5	500	Standby
Total	3100*	

Interties

Name	No.	Diameter (in.)
Palo Alto	2	8

*Actual total well capacity will be less than total indicated. Simultaneous pumping of wells will affect the individual well pumping rates.

City of Sunnyvale

Public Works Department

P.O. Box 3707

Sunnyvale, California 94088-3707

Phone: (408) 730-7510 Fax: (408) 736-1611

Web: <http://sunnyvale.ca.gov/Departments/Public+Works/Water+Supply>

Service Area

The City of Sunnyvale is an urban industrial and residential community located at the south end of the Peninsula in Santa Clara County, with a service area for the water utility contiguous with its city limits. California Water Service also serves several small areas within the City.

System

Profile

Area Size	24 square miles
Service Population	138,826
Number of Accounts	25,476
Number of SFPUC Connections	6
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	19.17
Avg. Day Purchases From SFPUC (mgd)	9.78
% Demand Met With SFPUC Supplies	51%
Maximum Local Water Production (mgd)	1.13
Alternative Supply Sources	Local Groundwater
Interties With Other Agencies	CWS, SCVWD, Mountain View, Cupertino
Local Storage (mg)	27.5
Days of Storage	More Than 1 Day - Length of storage based on loss of all sources of supply. With loss of SFPUC supply only, City can utilize wells, SCVWD or excess capacity from other zones to meet 8 hour outage.

Summary

Sunnyvale's water utility receives water supplied from SFPUC via 6 turnouts off BDPL 3 and 4 in the northern section of the City. The SCVWD connections are located in the far southwest corner of the City. Water from SCVWD is primarily served from the District's Rinconada WTP. A few formerly unincorporated County of Santa Clara pockets are currently served by CWS, backed up by interties with the City.

Groundwater is provided by 7 active wells, with 1 well on stand-by status. Water from these wells meets all current drinking water standards without treatment. The wells are used to meet peaking requirements and to supply water for fire and other emergencies. Due to the overall cost of producing well water, including pump tax, power, operation and maintenance expenses, and amortization, it is cost-effective for the City to maximize use of water from SFPUC and SCVWD.

The City has 10 ground storage tanks, with a minimum of 1 storage tank in every zone, and additional tanks located at water plants in the City.

The potable distribution system is completely interconnected and includes 3 pressure zones, 21 booster pumps, 3,310 fire hydrants, more than 10,000 manual and automatic valves, and 280 miles of mains. Recycled non-potable water is used for irrigation services.

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	4,505,138	5,072,437	5,181,026	4,771,741
Santa Clara Valley WD	4,652,075	4,218,424	4,064,148	767,648
Local Groundwater	824,644	846,202	408,157	578,995
Surface Water	0	0	0	0
Recycled Water	905,153	558,055	715,691	3,236,552
Other	0	0	0	0
Total	10,887,010	10,695,118	10,369,022	9,354,936
mgd equivalent	22.31	21.92	21.25	19.17

Demand by Sector

Residential	6,357,351	6,271,627	5,986,805	5,597,723
Commercial/Industrial	2,026,241	2,341,108	2,944,751	1,704,022
Other	1,790,232	1,866,583	535,768	508,202
Dedicated Irrigation	0	0	0	1,241,257
Unaccounted for	713,186	215,800	901,698	303,732
Total	10,887,010	10,695,118	10,369,022	9,354,936
mgd equivalent	22.31	21.92	21.25	19.17

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	97	96	89	83
Gross (Less Recycled Water)	153	155	144	138

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Wolfe-Evelyn	Steel	5,000,000	Central 1	Steel	500,000
Mary-Carson 1	Steel	5,000,000	Central 2	Steel	500,000
Mary-Carson 2	Steel	5,000,000	Hamilton 1	Steel	500,000
Wright Avenue 1	Steel	5,000,000	Hamilton 2	Steel	500,000
Wright Avenue 2	Steel	5,000,000	Hamilton 3	Steel	500,000
			Total		27,500,000

Wells

Name	Capacity (mgd)	Status
Westmoor	0.8	Active
Serra	0.9	Active
Ortega	2.0	Active
Raynor	2.7	Active
Hamilton (2).	2.0	Active
Losse		Standby
Central	0.7	Active
Schroeder		Destroyed
Total	9.1	

Interties

Name	No.	Diameter (in.)
SCVWD	2	30, 12
Santa Clara	3	10
	2	12
	1	8
CWS	5	6
	1	8
Cupertino	1	12
Mountain View	2	8
	1	6

Westborough County Water District

2263 Westborough Boulevard
 South San Francisco, California 94080-5406
 Phone: (650) 589-1435 Fax: (650) 589-5167
 Web: <http://www.guidetogov.org/ca/sm/dis/wstwd>

Service Area

The Westborough Water District is located within the City of South San Francisco in north San Mateo County. The District provides both water and sewer service, and has an agreement with the North San Mateo County Sanitation District for sewage disposal and facility maintenance.

System

Profile

Area Size	1 square mile
Service Population	12,690
Number of Accounts	3,878
Number of SFPUC Connections	1
Connections To SFPUC Mains	San Andreas 1, 2, and 3
Avg. Day Demand (mgd)	0.81
Avg. Day Purchases From SFPUC (mgd)	0.81
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	North Coast CWD, Daly City
Local Storage (mg)	6.5
Days of Storage	6.5 – All zones can meet the required 8 hr. coverage.. During emergencies, District also has access to an additional 3.5 mg in storage owned by North Coast WD.

Summary

The Westborough Water District receives its entire water supply from the San Francisco Public Utilities Commission through a single 6” turnout located on Westborough Boulevard. This water is distributed to 3 Skyline storage tanks located at the north end of the district, from which the Skyline Pump Station pumps water to the Christen Hill Reservoir for gravity distribution to Zone 3, and the Main Water Pump Station pumps water to Zones 1 and 2.

The Christen Hill Reservoir is shared with the North Coast County Water District.

The WCWD distribution system includes 3 storage tanks, 2 pumping stations, 5 pumps, and 24 miles of mains. In addition to the Christen Hill Reservoir intertie with NCCWD, the district has an intertie with Daly City.

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	532,529	457,299	485,493	394,878
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	532,529	457,299	485,493	394,878
mgd equivalent	1.09	0.94	0.99	0.81

Demand by Sector

Residential	290,482	285,265	283,805	282,907
Commercial/Industrial	68,121	76,121	83,277	64,799
Other	53,538	52,455	60,687	0
Dedicated Irrigation	0	0	0	54,211
Unaccounted for	120,388	43,458	57,724	-7,039
Total	532,529	457,299	485,493	394,878
mgd equivalent	1.09	0.94	0.99	0.81

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	50	49	48	46
Gross	91	78	83	64

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
SS Tank 1	Steel	1.5
SS Tank 2	Steel	2.5
SS Tank 3	Steel	2.0
CH Reservoir	Steel	0.5
Total		6.5

Interties

Name	No.	Diameter (in.)
North Coast	1	8
Daly City	1	12