

ANNUAL SURVEY



March
2026

Fiscal Year 2024-25

BAWSCA
Bay Area Water Supply & Conservation Agency

Bay Area Water Supply and Conservation Agency FY 2024-25

- EXECUTIVE SUMMARY
- BAWSCA OVERVIEW
- PAST AND CURRENT PURCHASES FROM SFPUC
- TOTAL WATER SUPPLY AND DEMAND
- CURRENT WATER USE BY CUSTOMER CLASS
- CLIMATOLOGICAL DATA
- SERVICE AREA POPULATIONS
- CURRENT WATER USE PER CAPITA
- CURRENT RESIDENTIAL WATER BILLS
- AGENCY PROFILES

MARCH 2026

BAWSCA WATER FACTS AT-A-GLANCE – FY 2024-25

BAWSCA Member Agencies

San Mateo County - City of Brisbane / Guadalupe Valley Municipal Improvement District, City of Burlingame, California Water Service Company (Bear Gulch District, Mid-Peninsula District, South San Francisco District), Coastside County Water District, City of Daly City, City of East Palo Alto, Estero Municipal Improvement District, Town of Hillsborough, City of Menlo Park, Mid-Peninsula Water District, City of Millbrae, North Coast County Water District, City of Redwood City, City of San Bruno, and Westborough Water District

Santa Clara County - City of Milpitas, City of Mountain View, City of Palo Alto, Purissima Hills Water District, San Jose Municipal Water System – North, City of Santa Clara, Stanford University, and City of Sunnyvale

Alameda County - Alameda County Water District, City of Hayward

Service Areas

	Size (sq. mi.)	Population	Number of Agencies
San Mateo County	185	759,160	16
Santa Clara County	117	618,900	8
Alameda County	166	509,954	2
Total	468	1,888,014	26

Supply by Source

	ccf	mgd	af	%
San Francisco RWS	65,138,709	133.49	149,538	69.4%
Groundwater	7,494,759	15.36	17,206	8.0%
Surface Water	3,052,522	6.26	7,008	3.3%
Recycled Water	3,609,867	7.40	8,287	3.8%
Other Sources	14,575,752	29.87	33,461	15.5%
Total	93,871,610	192.37	215,500	100%

Demand by Sector

	ccf	mgd	af	%
Residential	53,765,631	110.18	123,429	57.3%
Commercial/Industrial	19,462,203	39.88	44,679	20.7%
Government/Institutional/Other	4,102,784	8.41	9,419	4.4%
Dedicated Irrigation	9,443,980	19.33	21,657	10.0%
Non-Revenue Water	7,107,012	14.56	16,315	7.6%
Total	93,871,610	192.37	215,500	100%

Water Measurements

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

ccf = 100 cubic feet; approximately 748 gallons

gpcd = gallons per capita per day

mgd = million gallons per day

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Annual Survey

FISCAL YEAR 2024-25

ABOUT BAWSCA

The Bay Area Water Supply and Conservation Agency (BAWSCA) is a special district that provides regional water supply planning, resource development, and conservation program services to enhance the reliability of the 16 cities, 8 water districts, 1 university, and 1 investor-owned water company that provide water to over 1.8 million people and 40,000 commercial, industrial and institutional accounts in Alameda, Santa Clara and San Mateo Counties. BAWSCA was enabled by a special act of the California Legislature and was formed by its member agencies in 2003.

BAWSCA's water management objective is to ensure a reliable supply of high-quality water at a fair price to protect the health, safety, and economic well-being of the people, businesses, and community organizations within its service area.

BAWSCA is the only entity authorized under state law to directly represent the interests of its member agencies in matters related to the San Francisco Regional Water System (SF RWS). BAWSCA enables the customers of the SF RWS to work with the San Francisco Public Utilities Commission (SFPUC) on a united basis to ensure that the system is maintained, and to collectively and efficiently meet local responsibilities.

BAWSCA MEMBER AGENCIES

San Mateo County

In San Mateo County, BAWSCA and its member agencies serve a population of approximately 759,000 within a service area of approximately 185 square miles. BAWSCA member agencies that serve San Mateo County include: City of Brisbane, City of Burlingame, California Water Service (CWS) – Bear Gulch, CWS – Mid-Peninsula, CWS – South San Francisco, Coastside County Water District, City of Daly City, City of East Palo Alto, Estero Municipal Improvement District, Guadalupe Valley Municipal Improvement District (GVMD), Town of Hillsborough, City of Menlo Park, Mid-Peninsula Water District, City of Millbrae, North Coast County Water District, City of Redwood City, City of San Bruno, and Westborough Water District.

Santa Clara County

In Santa Clara County, BAWSCA and its member agencies serve a population of approximately 618,000 within a service area of approximately 117 square miles. BAWSCA member agencies that serve Santa Clara County include: City of Milpitas, City of Mountain View, City of Palo Alto, Purissima Hills Water District, San Jose Municipal Water System, City of Santa Clara, City of Sunnyvale, and Stanford University.

Alameda County

In Alameda County, BAWSCA and its member agencies serve a population of approximately 509,000 within a service area of approximately 166 square miles. BAWSCA member agencies that serve Alameda County include Alameda County Water District and the City of Hayward.

BAWSCA Members Map



Legend

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

Sources: BAWSCA, San Mateo County General Plan

ANNUAL SURVEY OVERVIEW

Since 1996, BAWSCA and its predecessor organization, the Bay Area Water Users Association, has conducted an annual survey of its member agencies to update key BAWSCA service area information including projections of wholesale customer water demands and population. This document presents the results of the latest annual survey process, including:

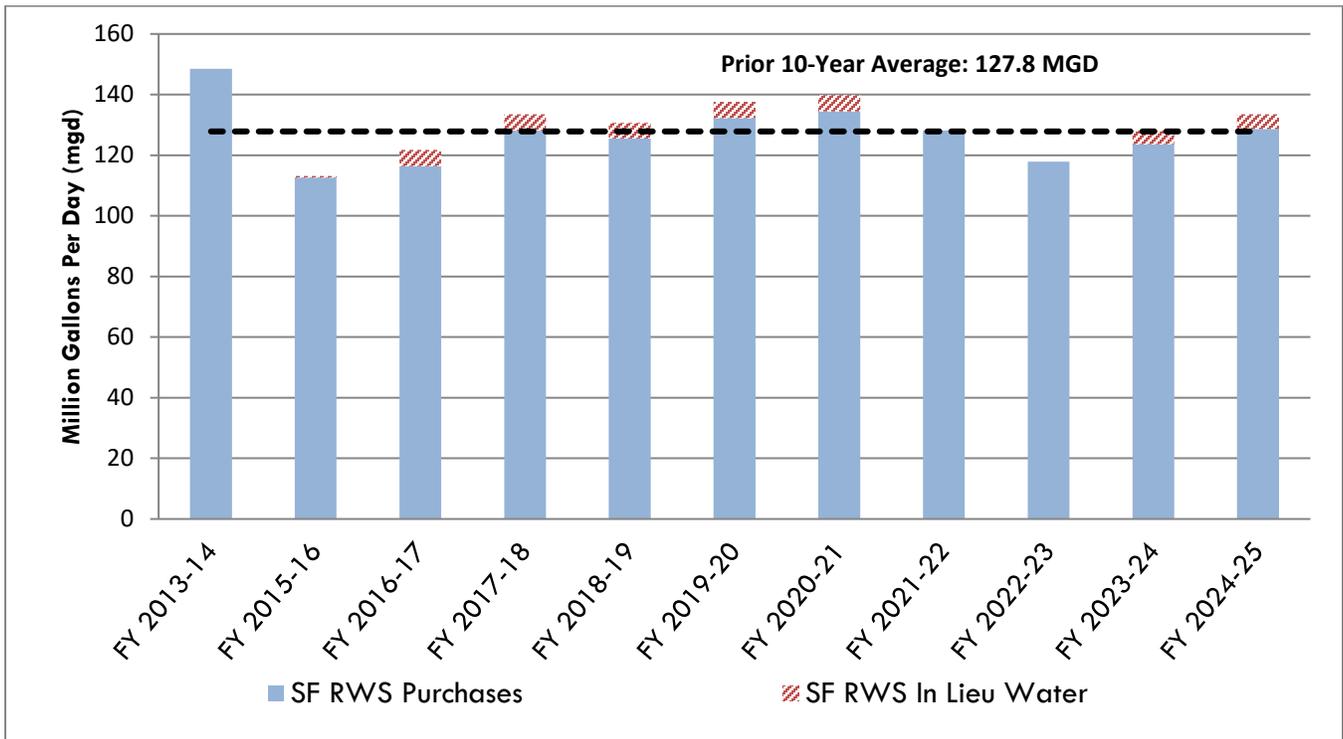
- Current water supply from each source
- Current and projected water purchases from SF RWS
- Projected water supplies and demands
- Consumption by customer class
- Current and projected population
- Per capita water use
- Single family water bills and rate structures
- BAWSCA member agency profiles

PURCHASES FROM SF RWS

Current Water Purchases from SF RWS

The San Francisco Public Utilities Commission (SFPUC) operates the SF RWS, which is the major source of supply for BAWSCA member agencies. In FY 2024-25, the BAWSCA member agencies reported SF RWS purchases of 128.7 mgd, 4% higher than the total of 123.6 mgd purchased in FY 2023-24. Due to FY 2024-25 being a GSR “storage” year, BAWSCA member agencies reported 4.78 mgd of In Lieu Water deliveries. Compared with the prior ten-year average, total purchases in FY 2024-25 were above average by 5.64 mgd. When compared to FY 2013-14, the highest year in the prior ten-year period, FY 2024-25 purchases were lower by 15.0 mgd, a difference of about 10%.

Figure ES-1: Past and Current SF RWS Purchases, Including In lieu Water (if applicable)



Projected Water Purchases from SFPUC

As part of SFPUC’s action on the Program Environmental Impact Report (PEIR) for its Water System Improvement Program (WSIP), it made the decision to limit wholesale customer purchases from the SF RWS to 184 mgd and retail customer purchases from the SF RWS to 81 mgd. BAWSCA notified the SFPUC that the projected BAWSCA member agency purchases in FY 2034-35 are projected to be about 136 mgd. In FY 2049-50, BAWSCA member agency purchases from the SF RWS are projected to reach 148 mgd.

TOTAL WATER SUPPLY AND DEMAND

Current Water Supply by Source

The sources of supply used by BAWSCA member agencies are very consistent on a percentage basis, with supply breakdown by source typically varying by less than 2% from one year to the next. Of the total amount of water used by BAWSCA agencies in FY 2024-25, 66.9% came from the SF RWS and 33.1% came from other sources. These other sources included:

- Groundwater (15.36 mgd, 8.0%);
- Local surface water, primarily from ACWD’s take from Lake Del Valle (6.26 mgd, 3.3%);
- Other supplies from the Santa Clara Valley Water District, the State Water Project, and ACWD’s brackish water desalination (29.87 mgd, 15.5%); and
- Recycled water (7.40 mgd, 3.8%).

Figure ES-2: FY 2024-25 Water Use by Source

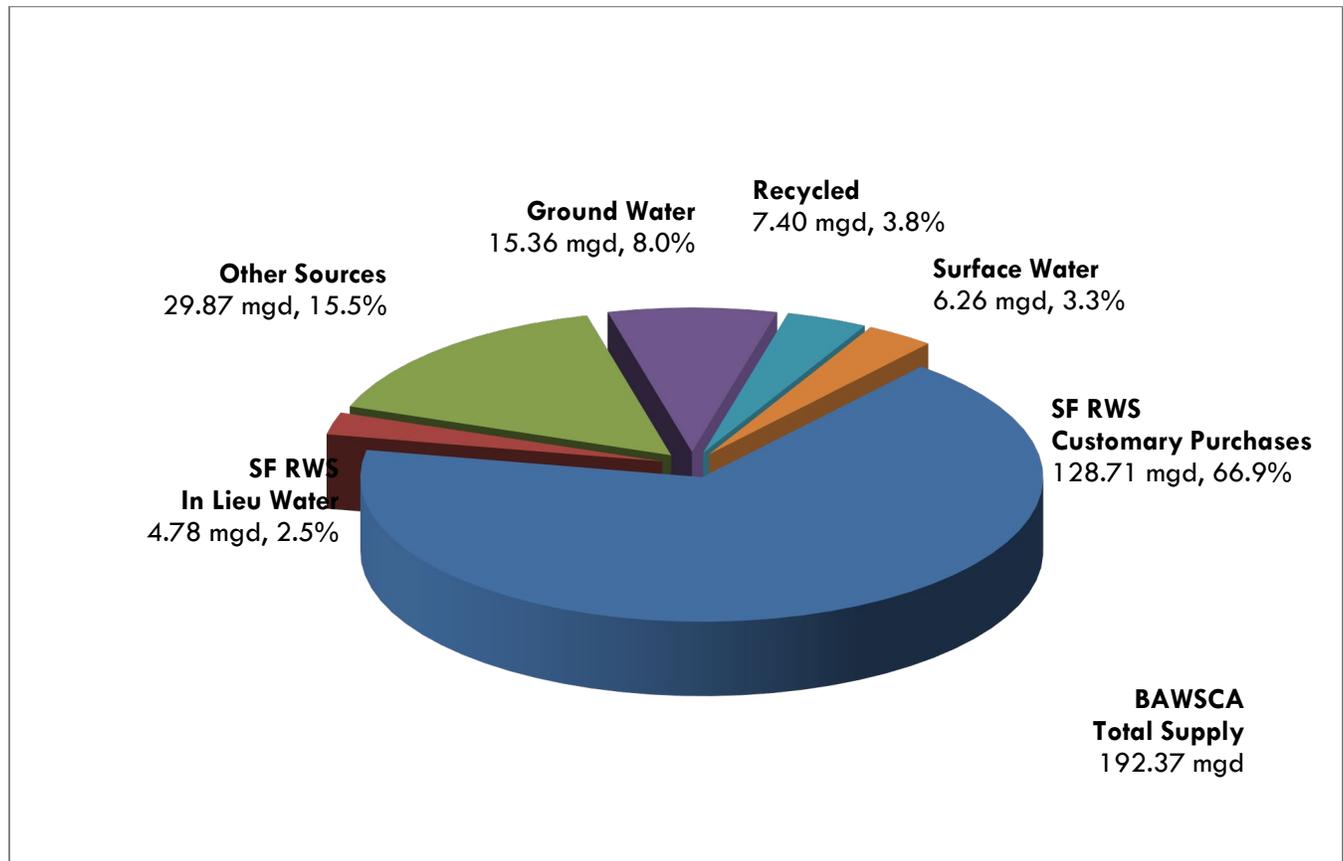
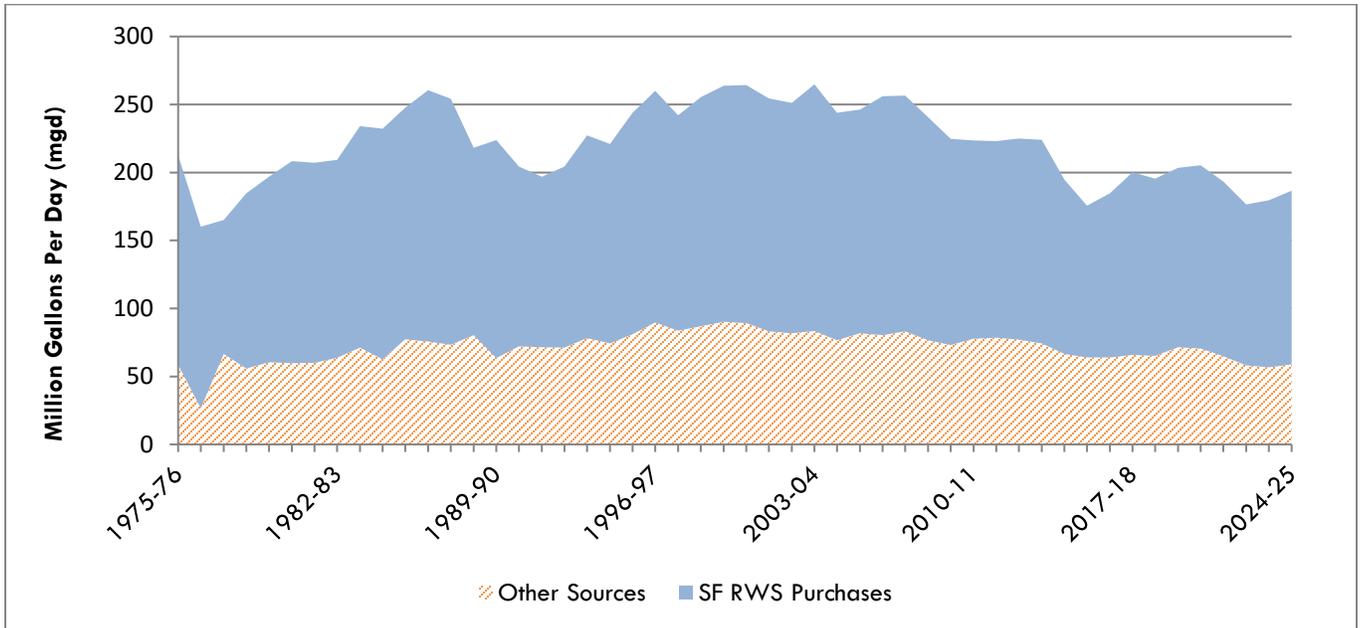


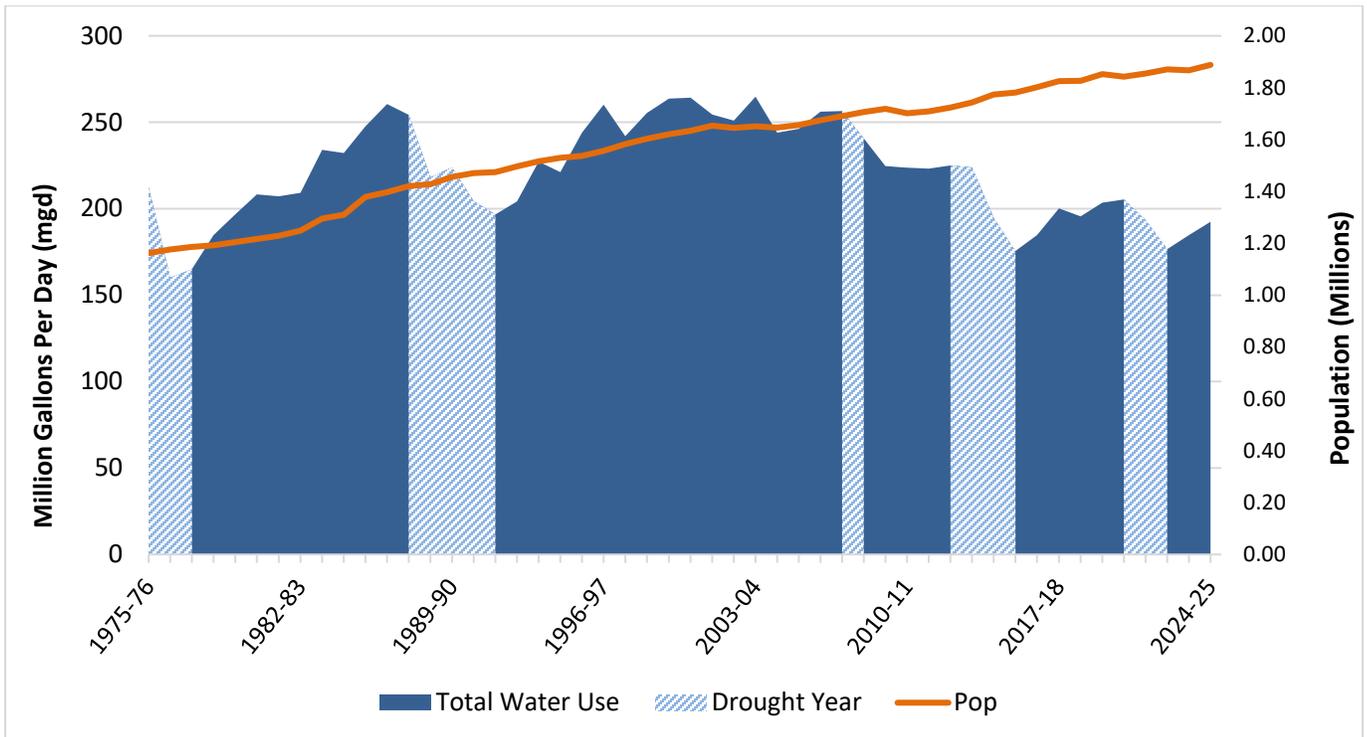
Figure ES-3: Past and Current Water Supply



Current BAWSCA-Wide Total Water Demand

For FY 2024-25, total water demand in the BAWSCA service area, including SFPUC purchases and other sources, was 192.38 mgd. In comparison, in FY 1996-97, BAWSCA-wide demand reached 260 mgd. When compared to FY 2012-13, water used in the BAWSCA service area was 14% less in FY 2024-25. In FY 2024-25, 26% less water was used in the service area compared to the peak year, FY 1986-87, despite a 35% population increase.

Figure ES-4: Past and Current Population and Water Demand



Projected Water Supplies and Demands

The total normal year water demands of the BAWSCA member agencies are projected to reach 243.05 mgd by FY 2049-50 (Source: BAWSCA 2025 Regional Water Demand & Conservation Study). Of the total water demand, 3.97 mgd is projected to be met through additional active conservation beyond that already achieved within the BAWSCA service area. SF RWS purchases are anticipated to be 148.35 mgd in FY 2049-50. Recycled water supplies are projected to increase to 14.64 mgd by FY 2049-50.

Figure ES-5: Projected FY 2049-50 Water Use by Source

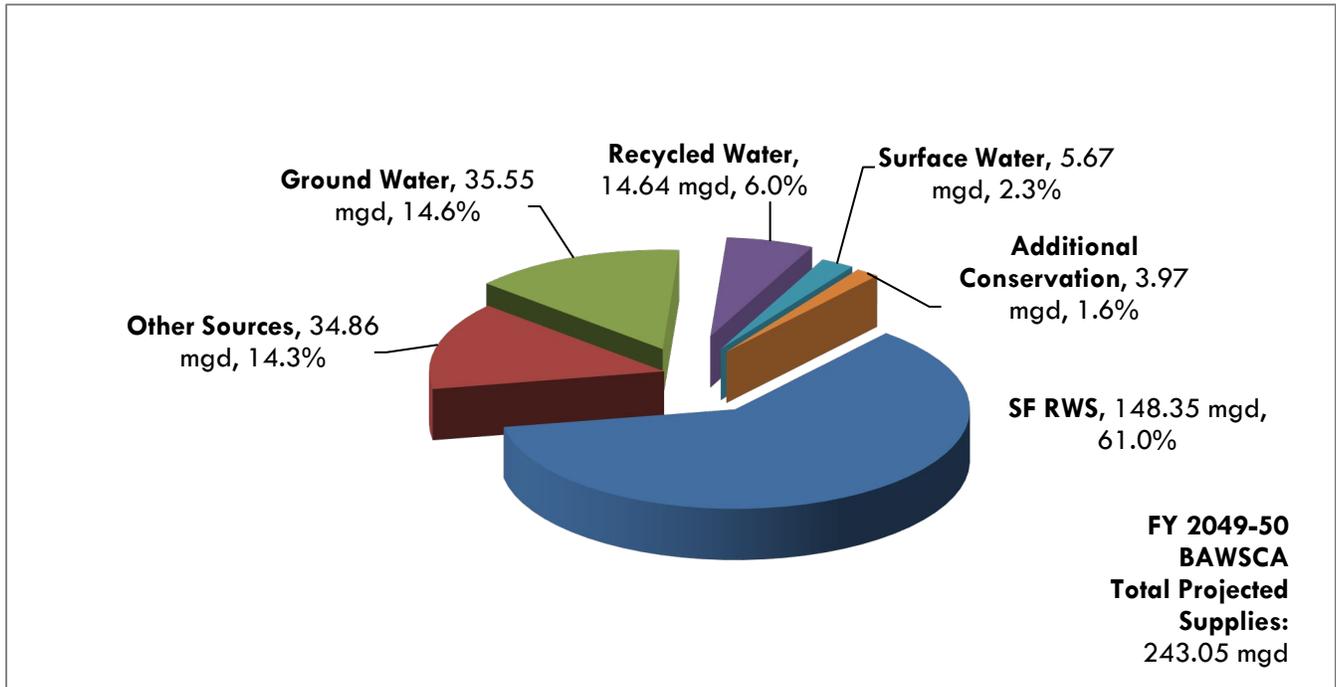
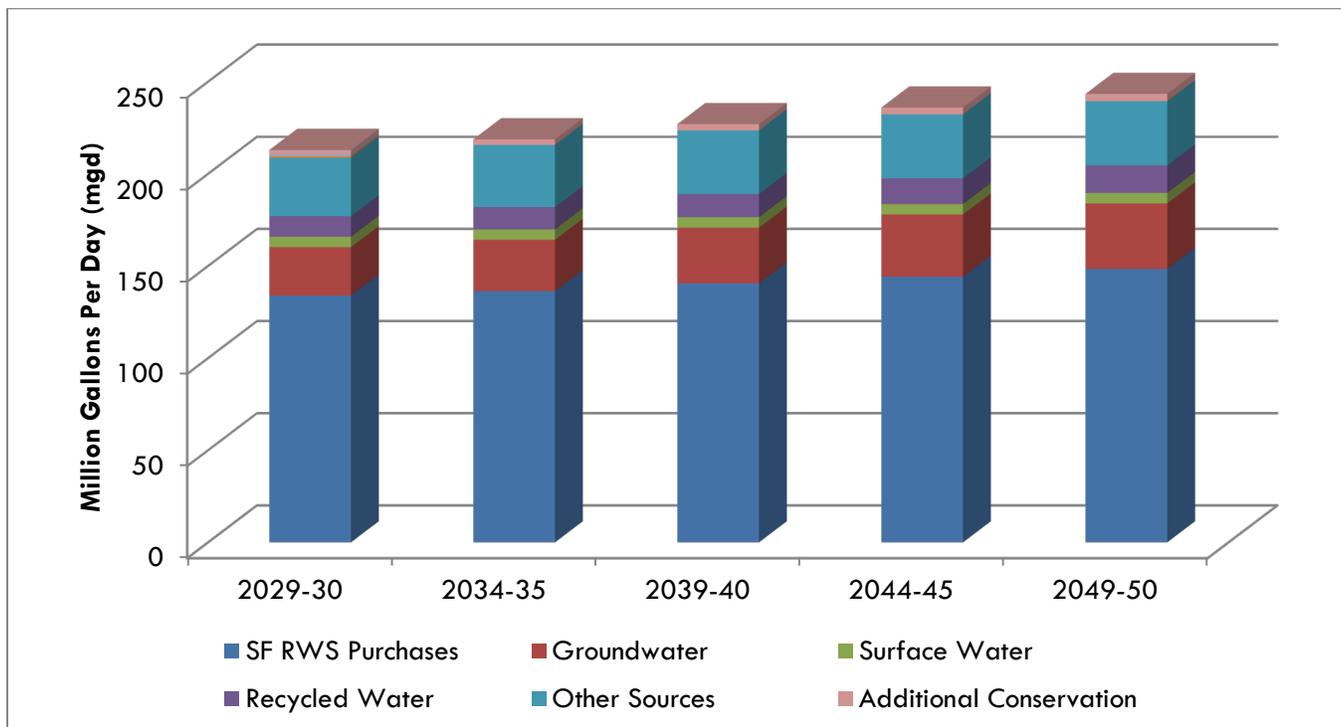


Figure ES-6: Projected Normal Year Water Supplies by Source



Meeting Projected Dry Year Water Demands

BAWSCA's Long-Term Reliable Water Supply Strategy Phase II Final Report (Strategy 2015), completed in 2015, does not project a regional need for additional water supplies to meet normal year demands through 2040.

The Strategy identified recommended actions to maximize the likelihood that BAWSCA and its member agencies can provide water when and where it is needed. These actions include:

- Lead water transfer development and implementation including identifying and evaluating water storage options;
- Facilitate desalination and advanced treatment supply project partnerships and pursue outside funding for related studies;
- Support member agency-identified projects (i.e. recycled water and groundwater) and local capture and reuse;
- Participate in regional planning studies in cooperation with others; and
- Continue monitoring regional water supply investments and policies.

BAWSCA is currently in the process of updating the Long-Term Reliable Water Supply Strategy for 2050. The work will be ongoing through the next couple of fiscal years, with work scheduled to be completed in 2027.

Tier 2 Drought Response Implementation Plan

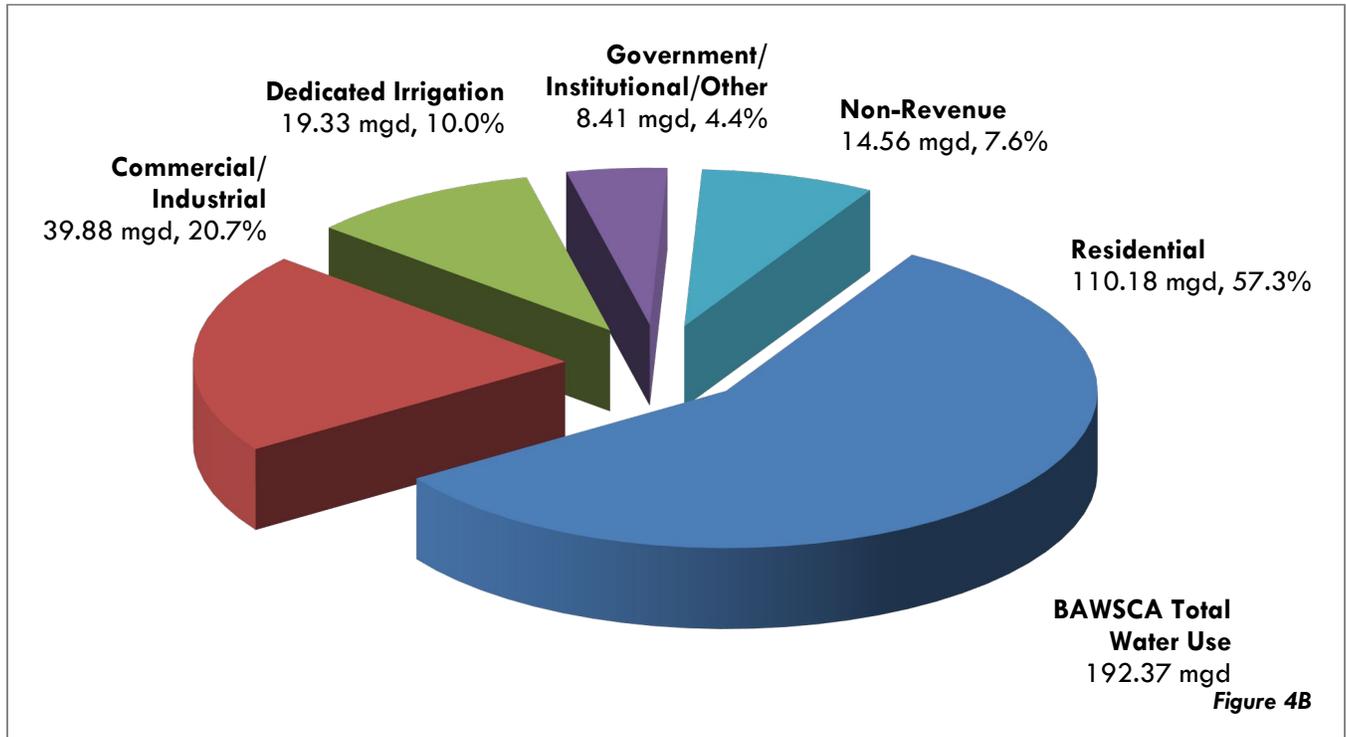
Shortages on the Regional Water System are governed by two plans. The Tier 1 Plan apportions water between the San Francisco retail customers and Wholesale Customers collectively. The Tier 2 Plan is the methodology for allocating water from the Regional Water System among the Wholesale Customers. The Tier 1 and Tier 2 Plans apply during shortages on the Regional Water System of 20% or less. The Tier 1 and Tier 2 Plans have only been implemented once during the 2021-23 drought. Negotiations to update the Tier 2 Plan began in January 2022 and was unanimously adopted by the Wholesale Customers in 2025.

CURRENT WATER USE BY CLASS OF CUSTOMER

As with the source of supply, BAWSCA's demand by customer class is relatively consistent over time on a percentage basis. Of the 192.37 mgd consumed among BAWSCA agencies in FY 2024-25 the residential sector accounted for 57.3% (110.18 mgd); commercial and industrial customers for 20.7% (39.88 mgd); government, institutional and other customers for 4.4% (8.41 mgd); dedicated irrigation for 10.0% (19.33 mgd); and non-revenue water for 7.6% (14.56 mgd).

In FY 2024-25, there were 441,810 accounts (service connections) in the entire BAWSCA service area, 88%, or 389,971 of which were residential.

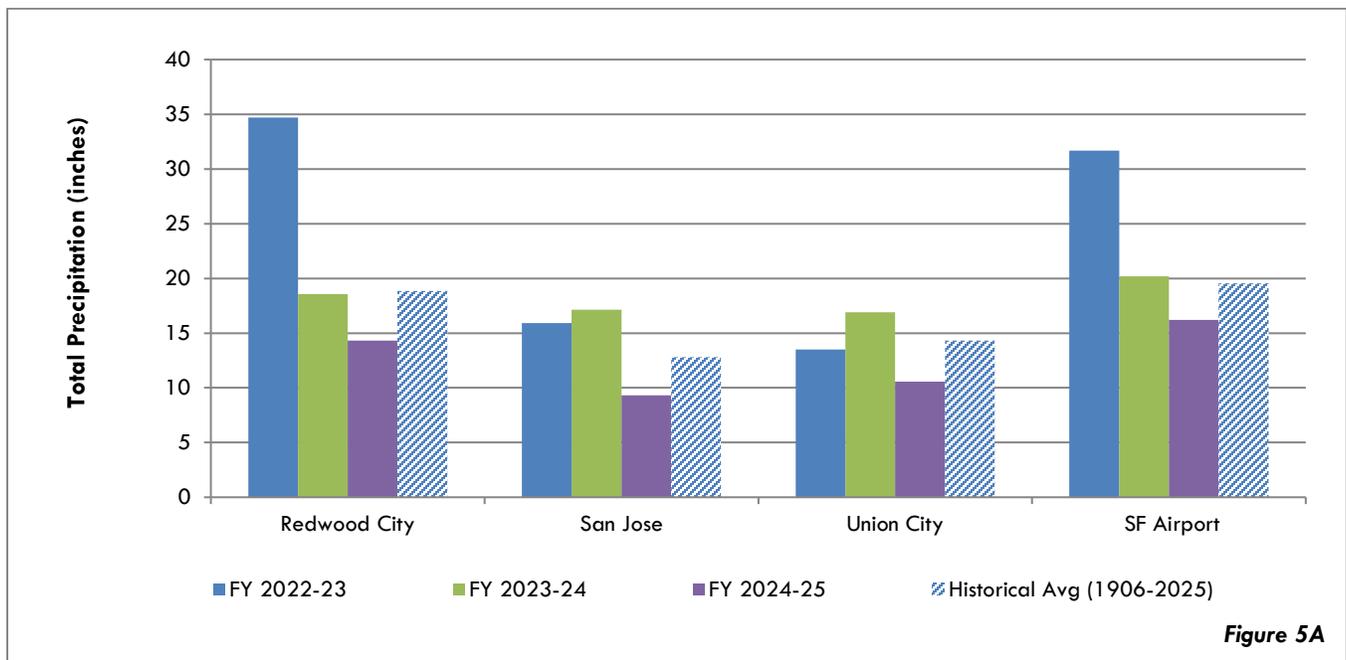
Figure ES-7: FY 2024-25 Water Use by Customer Class



CLIMATE DATA

FY 2024-25 was a relatively average year, with rainfall totals recorded at 4 representative locations in the BAWSCA service area that were, on average, 23% lower than the historical average from 1906 - 2025. In FY 2022-23 and FY 2023-24, rainfall totals recorded at these locations were 46% above average and 11% above average, respectively.

Figure ES-8: Historic and Current Precipitation Levels



POPULATION AND PER CAPITA WATER USE

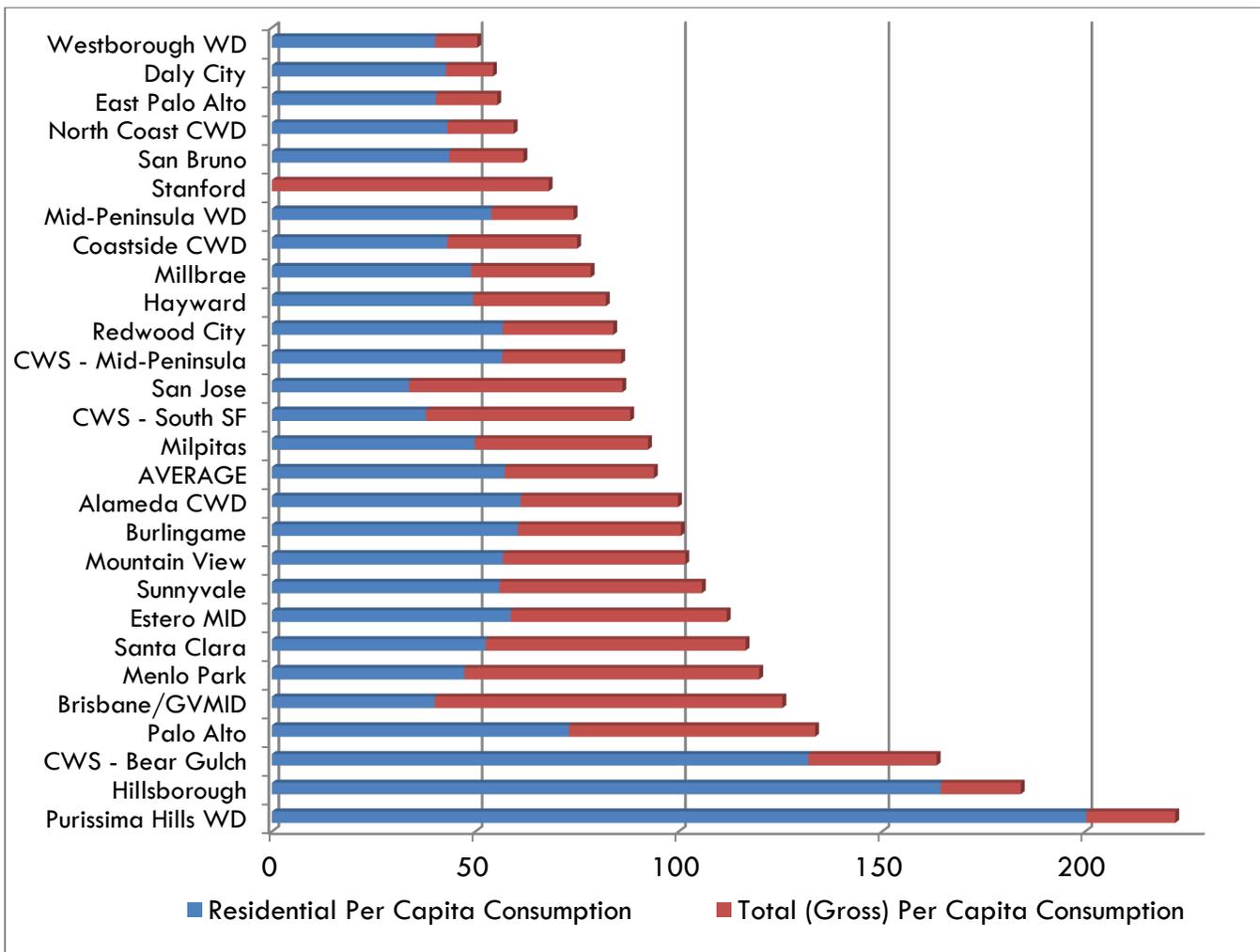
The population of the BAWSCA service area is estimated to have increased from 1,867,284 to 1,887,992 between FY 2023-24 and FY 2024-25. The BAWSCA service area population is projected to reach 2,565,554 by FY 2049-50.

Average residential per capita consumption (excluding Stanford) in the BAWSCA service area was 58.87 gpcd in FY 2024-25, 4% more than the year before. This is 48% less than the estimated peak residential per capita consumption of 114.9 gpcd in FY 1975-76. In FY 2024-25, San Jose had the lowest residential per capita consumption at 32.0 gpcd while Purissima Hills WD had the highest at 216.6 gpcd.

In FY 2024-25, twenty BAWSCA member agencies had residential water use of less than 60 gallons per capita per day (gpcd), sixteen of which were below the service area average of 57 gpcd.

The average gross per capita consumption in the BAWSCA service area was 98.0 gpcd in FY 2024-25, 3% higher than FY 2023-24. At the peak in FY 1986-87, gross per capita consumption was 186.5 gpcd.

Figure ES-9: BAWSCA Member Agency Per Capita Water Use



Due to its unique service area, residential per capita consumption for Stanford University is excluded.

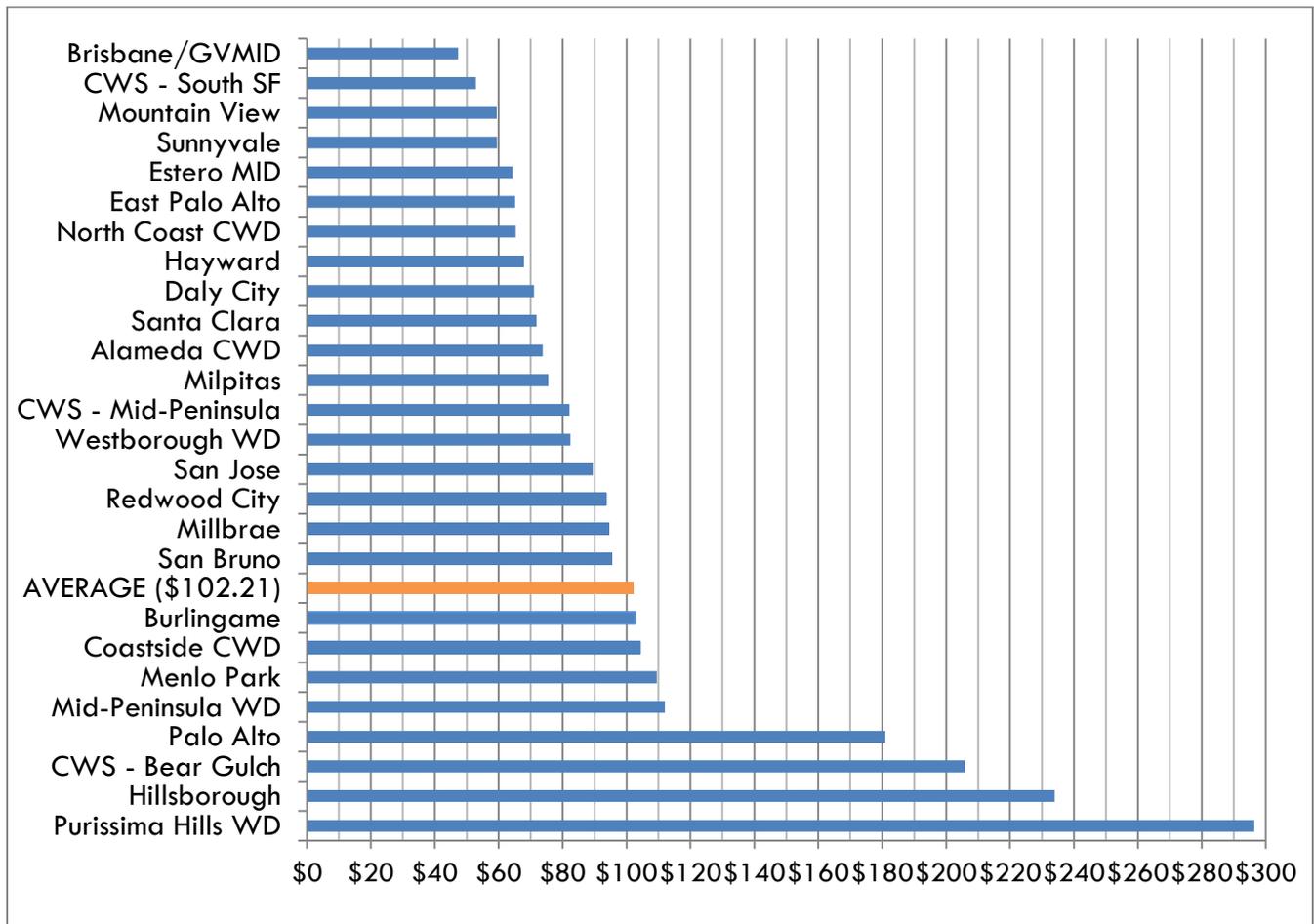
The small residential population base for Brisbane/GVMID artificially inflates the Gross Per Capita Consumption.

SINGLE FAMILY WATER RATE STRUCTURES

Water bill data has been calculated using each agency’s single-family average monthly use. Among the BAWSCA agencies, the average bill ranged from a low of \$47.30 for 4.3 units in the Brisbane/GVMID service area to a high of \$296.41 for 26.2 units in Purissima Hills Water District. The average single-family water bill among the BAWSCA member agencies, inclusive of the service charge, was \$102.21.

Seven BAWSCA member agencies (Alameda County Water District, East Palo Alto, Millbrae, Milpitas, San Jose, Santa Clara, and Westborough Water District) had a uniform rate structure in FY 2024-25, defined as a single rate per unit of water for all volumes used. The other agencies have an inclining block rate structure in which the rate per unit increases as the water use increases.

Figure ES-10: Average Single-Family Monthly Water Bill



1. BAWSCA Overview

BAY AREA WATER SUPPLY AND CONSERVATION AGENCY

155 Bovet Rd., Suite 650
San Mateo, CA 94402

Ph. (650) 349-3000 Fax: (650) 349-8395

E-Mail: BAWSCA@BAWSCA.org

Goals

A reliable supply of high quality water at a fair price.

Composition

BAWSCA is a special district that provides regional water supply planning, resource development, and conservation program services to enhance the reliability of the 16 cities, 8 water districts, 1 university, and 1 investor-owned utility that provide water to over 1.8 million people and 40,000 commercial, industrial and institutional accounts in Alameda, Santa Clara and San Mateo Counties.

BAWSCA was enabled by a special act of the California Legislature (AB 1823) and formed by its member agencies to protect the health, safety, and economic well-being of the people, businesses, and community organizations within its service area. BAWSCA's water management objective is to ensure a reliable supply of high quality water at a fair price.

Additionally, BAWSCA is the only entity having authority under state law to directly represent the interests of its member agencies with San Francisco and its agent, the San Francisco Public Utilities Commission (SFPUC), in matters related to the San Francisco Regional Water System (SF RWS). BAWSCA provides the ability for the customers of the SF RWS to work with San Francisco on an equal basis to ensure that the agencies and their customers pay only their fair and correct share of SF RWS costs, to see that the system gets fixed through successful implementation of the Water System Improvement Program (WSIP), and to collectively and efficiently meet local water supply responsibilities.

There is considerable variety among the BAWSCA member agencies. Beyond having different institutional charters (e.g., cities, districts, investor-owned utility, etc.), they vary on at least the following measures:

▣ Size

BAWSCA member agencies range from very small (e.g., the City of Brisbane and Guadalupe Valley Municipal Improvement District, with a combined service area population of 4,874 and a service area of approximately 3 square miles) to quite large (e.g., Alameda County Water District, with a service area population of approximately 347,000 and a service area of 105 square miles).

▣ Reliance on the San Francisco Regional Water System

Several of the BAWSCA member agencies are entirely dependent on the SF RWS for water supply. This is particularly the case in San Mateo County, which has limited groundwater or other water supply resources. However, several BAWSCA member agencies have developed, or are developing, their own local sources, or have access to water from the Santa Clara Valley Water District (SCVWD) or from the State Water Project. Coastside County Water District is the only BAWSCA member agency that receives untreated SF RWS water. All of the other BAWSCA member agencies receive treated water from the SF RWS. Collectively, 67% of all water delivered by the BAWSCA member agencies came from the SF RWS in FY 2024-25.

Customer Mix

Most BAWSCA member agencies serve a mix of single family residential, multi-family residential, commercial, and industrial customers, in varying proportions. Several of the BAWSCA member agencies serve largely or entirely residential communities (e.g., Hillsborough, Purissima Hills Water District, and North Coast County Water District). One, Guadalupe Valley Municipal Improvement District, primarily serves an industrial area and a small residential community. Nearly 90% of all service connections in the BAWSCA service area are residential, with residential use comprising 57% of total potable demand in FY 2024-25.

Climate

The BAWSCA member agencies 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 BAWSCA member agencies 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 housing 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, lot size, climate, and household income. In FY 2024-25, residential per capita water use continued to track with some of the lowest per capita water use since the FY 2014-17 drought. Per capita use in the wholesale service area ranged from a low of 32 gallons per capita per day (gpcd) to a high of 217 gpcd. Average residential use is 59 gpcd (See Table 7A).

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 director to the board. In addition, the Santa Clara County Board of Supervisors appoints a director for Stanford University and the San Mateo County Board of Supervisors appoints a director for the California Water Service Company.

Organization and Budget

Day-to-day leadership is provided by the Chief Executive Officer/General Manager, Tom Smegal, who is supported by a staff of eight. A standing Board Policy Committee, comprised of board members, advises the CEO and the full board on policy matters. The agency's FY 2024-25 budget was \$5.61M, funded through individual agency assessments. In addition, BAWSCA plans and administers water conservation programs throughout the region funded by the agencies that choose to participate.

Organizational Challenges

BAWSCA's strategic challenges include:

- Developing and implementing the Long-Term Reliable Water Supply Strategy to ensure that water supply needs for the BAWSCA members will be adequately met in times of drought and in the future.

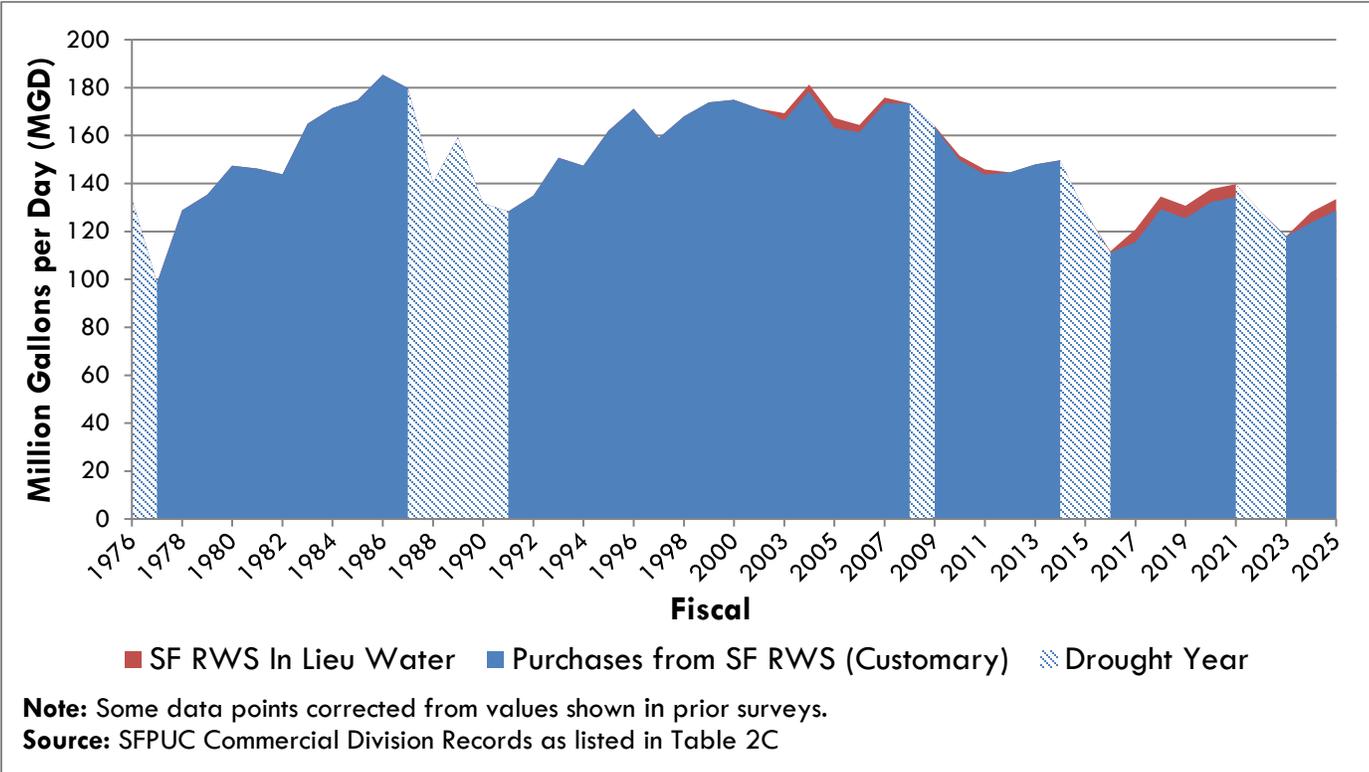
- Monitoring the SFPUC to ensure it operates and maintains the regional water system; including planning and implementing a capital plan to ensure that San Francisco can meet its long term legal and contractual obligations to the wholesale customers in a cost-effective manner with costs fairly allocated between San Francisco retail and BAWSCA member agencies.
- Administering the Water Supply Agreement between San Francisco and its Wholesale Customers.
- Encouraging and assisting implementation of cost-effective water conservation and wastewater recycling programs.
- Encouraging communities to prepare for long-term water outages.
- Maintaining support from BAWSCA's political, community, and private allies.

Table 1: BAWSCA Members Summary – FY 2024-25

	Service Population	Water Purchased / Produced (mgd)		Communities Served (all or portions of)
		SF RWS*	Total	
San Mateo County				
City of Brisbane / Guadalupe Valley Municipal Improvement District	4,874	0.69	0.69	Brisbane, nearby unincorporated areas, and GVMID, an industrial park and small residential community within the City of Brisbane
City of Burlingame	32,870	3.27	3.27	City of Burlingame, and nearby unincorporated areas
California Water Service Company	263,270	27.97	28.17	Atherton, Colma, Daly City, Los Altos, Menlo Park, Portola Valley, parts of unincorporated Redwood City, San Carlos, San Mateo, South San Francisco, Woodside and nearby unincorporated areas
CalWater-BG	61,431	10.52	10.52	
CalWater-MP	137,693	11.99	11.99	
CalWater-SSF	64,146	5.45	5.66	
Coastside County Water District	19,033	1.01	1.54	Half Moon Bay and nearby unincorporated areas
City of Daly City	102,155	4.99	5.46	Daly City and nearby unincorporated areas
City of East Palo Alto	29,143	1.72	1.72	City of East Palo Alto, Menlo Park, and nearby unincorporated areas
Estero Municipal Improvement District	35,556	4.03	4.03	Foster City and small parts of San Mateo
Town of Hillsborough	11,356	2.32	2.32	Hillsborough and nearby unincorporated areas
City of Menlo Park	21,340	2.74	2.74	Menlo Park west of Altschul Avenue and east of El Camino Real. Portions of Redwood City & Town of Portola Valley
Mid-Peninsula Water District	30,834	2.36	2.36	Belmont, a portion of San Carlos, and nearby unincorporated areas
City of Millbrae	23,000	1.85	1.85	Millbrae and nearby unincorporated areas
North Coast County Water District	37,370	2.43	2.45	Pacifica and nearby unincorporated areas
City of Redwood City	92,819	7.85	8.39	Redwood City, parts of San Carlos and Woodside, and nearby unincorporated areas
City of San Bruno	42,054	2.71	2.74	San Bruno and nearby unincorporated areas
Westborough Water District	13,486	0.68	0.68	South San Francisco
Subtotal	759,160	66.61	68.42	
Santa Clara County				
City of Milpitas	81,773	5.27	8.99	Milpitas
City of Mountain View	84,413	7.71	9.27	Mountain View and nearby unincorporated areas
City of Palo Alto	67,231	9.31	9.49	Palo Alto and nearby unincorporated areas
Purissima Hills Water District	6,252	1.52	1.52	Los Altos Hills and unincorporated areas
San Jose Municipal Water District	48,082	3.98	4.92	North San Jose/Alviso and nearby unincorporated areas
City of Santa Clara	134,587	2.92	19.29	Santa Clara and nearby unincorporated areas
Stanford University	36,867	1.59	2.71	Stanford University
City of Sunnyvale	159,673	10.51	17.63	Sunnyvale and nearby unincorporated areas
Subtotal	618,878	42.81	73.82	
Alameda County				
Alameda County Water District	347,000	10.42	36.29	Union City, Newark, Fremont and nearby unincorporated areas
City of Hayward	162,954	13.66	13.84	Hayward and nearby unincorporated areas
Subtotal	509,954	24.07	50.13	
Total All Agencies	1,887,992	133.5	192.37	
*Includes SF RWS In Lieu Water (if applicable)				
Source: BAWSCA FY 2024-25 Annual Survey				

2. Past and Current Purchases from SF RWS

Figure 2A: Past and Current Purchases from SF RWS



**Table 2A: Past and Current Purchases from SF RWS and Relationship to Supply Guarantee (in ccf)
(Excluding In Lieu Water)**

Member	Supply	mgd	Predrought	mgd	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	mgd	2024-25/ 2023-24	2024-25 Purchases as % of
	Guarantee	Equiv	FY 1986-87	Equiv	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	Equiv	% Change	Guarantee
San Mateo County																		
* Brisbane **	224,435	0.46	171,507	0.35	280,029	257,414	294,756	334,217	323,917	310,127	303,604	298,906	258,323	297,752	335,511	0.69	12.7	70.1
* Burlingame	2,553,753	5.23	2,531,707	5.19	1,791,539	1,505,779	1,592,044	1,695,956	1,669,182	1,696,711	1,604,743	1,640,372	1,444,244	1,543,145	1,597,536	3.27	3.5	62.6
California Water Service *	17,320,807	35.50	17,393,987	35.65	13,839,271	11,584,178	11,851,282	13,457,975	12,894,379	14,150,396	14,394,881	14,056,876	12,809,434	12,730,886	13,078,919	26.80	2.7	75.5
Coastside CWD	1,061,453	2.18	600,257	1.23	727,298	575,225	515,655	464,037	547,861	496,627	705,680	468,075	346,993	422,524	492,934	1.01	16.7	46.4
Daly City	2,094,386	4.29	2,264,684	4.64	1,654,762	2,152,800	1,867,312	1,717,837	1,804,183	1,939,670	1,722,950	1,776,082	1,530,084	1,527,903	1,694,763	3.47	10.9	80.9
* East Palo Alto	1,689,714	3.46	1,041,989	2.14	768,310	690,728	734,911	772,528	763,315	764,033	743,205	699,368	672,814	745,804	840,811	1.72	12.7	49.8
* Estero MID	2,878,807	5.90	2,854,051	5.85	1,930,526	1,768,029	1,874,751	2,068,753	1,969,663	2,115,607	2,101,104	1,887,409	1,833,938	1,939,984	1,968,821	4.03	1.5	68.4
* Guadalupe Valley MID	254,436	0.52	155,074	0.32	Included with Brisbane													
* Hillsborough	1,995,644	4.09	1,996,150	4.09	1,226,777	1,050,944	1,139,003	1,234,547	1,124,778	1,280,605	1,314,680	1,141,504	1,000,717	1,057,159	1,130,277	2.32	6.9	56.6
Los Trancos			34,848	0.07														
* Menlo Park	2,174,231	4.46	1,958,458	4.01	1,287,136	1,074,516	1,153,760	1,393,425	1,383,605	1,442,176	1,379,039	1,195,123	1,070,006	1,247,376	1,335,607	2.74	7.1	61.4
* Mid-Peninsula WD	1,898,707	3.89	1,888,074	3.87	1,209,300	1,076,654	1,134,389	1,221,454	1,220,573	1,295,922	1,273,998	1,172,923	1,055,377	1,107,642	1,153,983	2.36	4.2	60.8
* Millbrae	1,538,120	3.15	1,528,426	3.13	991,049	899,785	918,695	992,853	949,277	927,939	906,122	900,514	850,047	844,675	900,877	1.85	6.7	58.6
* North Coast CWD	1,872,928	3.84	1,618,649	3.32	1,360,780	900,293	1,089,419	1,169,151	1,119,762	1,157,526	1,172,219	1,068,893	1,024,588	1,056,221	1,185,105	2.43	12.2	63.3
* Redwood City	5,333,115	10.93	5,253,772	10.77	3,789,370	3,508,414	3,820,098	4,130,668	3,943,761	4,276,459	4,137,728	3,855,958	3,536,397	3,761,997	3,828,819	7.85	1.8	71.8
San Bruno	1,583,899	3.25	1,748,600	3.58	584,392	637,586	383,693	419,589	420,116	465,406	444,989	507,220	593,241	451,523	295,431	0.61	-34.6	18.7
Skyline			62,726	0.13														
* Westborough WD	644,172	1.32	585,151	1.20	377,034	390,753	356,722	383,996	379,833	400,616	373,994	301,090	339,960	332,246	332,546	0.68	0.1	51.6
Subtotal	45,118,607	92.46	43,688,110	89.53	31,817,573	28,073,098	28,726,490	31,456,987	30,514,206	32,719,820	32,578,936	30,970,313	28,366,163	29,066,837	30,171,939	61.83	3.8	66.9
Santa Clara County																		
Milpitas	4,504,533	9.23	4,370,757	8.96	2,503,640	2,215,396	2,391,431	2,538,687	2,585,031	2,886,833	2,647,856	2,251,779	2,230,517	2,598,121	2,571,727	5.27	-1.0	57.1
Mountain View	6,079,714	12.46	6,435,554	13.19	3,611,194	3,305,780	3,485,016	3,617,700	3,519,587	3,740,804	3,855,612	3,581,200	3,279,562	3,589,710	3,760,315	7.71	4.8	61.9
* Palo Alto	8,087,730	16.57	8,009,767	16.41	4,723,751	4,006,084	4,382,560	4,859,576	4,600,990	4,757,199	4,953,805	4,709,184	4,210,400	4,424,761	4,543,561	9.31	2.7	56.2
* Purissima Hills	792,832	1.62	755,077	1.55	803,313	640,369	689,261	814,270	770,703	851,999	925,721	799,210	639,836	677,300	740,466	1.52	9.3	93.4
San Jose	0	0.00	1,541,153	3.16	2,151,905	1,997,596	2,024,785	2,208,892	2,084,721	2,077,874	2,039,631	2,004,207	1,817,070	1,899,283	1,944,248	3.98	2.4	n/a
Santa Clara	0	0.00	2,429,766	4.98	914,572	1,135,829	970,987	1,039,840	1,474,198	1,596,791	1,576,338	1,515,536	1,407,256	1,336,399	1,424,280	2.92	6.6	n/a
Stanford	1,479,764	3.03	1,485,396	3.04	923,813	679,394	695,088	725,276	697,159	699,352	659,830	714,224	677,245	729,329	774,055	1.59	6.1	52.3
Sunnyvale	6,138,122	12.58	7,228,076	14.81	3,874,640	3,894,246	4,066,178	4,435,240	4,394,289	4,552,465	4,686,275	4,490,366	3,866,964	4,585,694	5,129,008	10.51	11.8	83.6
Subtotal	27,082,695	55.50	32,255,546	66.10	19,506,828	17,874,694	18,705,306	20,239,481	20,126,678	21,163,317	21,345,068	20,065,706	18,128,850	19,840,597	20,887,661	42.81	5.3	77.1
Alameda County																		
Alameda CWD	6,714,439	13.76	6,039,273	12.38	3,770,320	3,037,166	3,081,217	3,716,845	3,798,529	3,840,640	4,585,161	4,625,134	4,738,636	4,989,706	5,083,824	10.42	1.9	75.7
* Hayward 1	6,821,848	13.98	8,504,158	17.43	6,634,616	5,979,616	6,281,522	7,101,954	6,821,848	6,794,224	7,098,330	6,854,523	6,301,398	6,430,378	6,663,423	13.66	3.6	97.7
Residual 1	4,048,507	8.30																
Subtotal	17,584,794	36.04	14,543,431	29.80	10,404,936	9,016,782	9,362,739	10,818,799	10,620,377	10,634,864	11,683,491	11,479,657	11,040,035	11,420,084	11,747,247	24.07	2.9	66.8
Total	89,786,096	184.00	90,487,087	185.44	61,729,337	54,964,574	56,794,535	62,515,266	61,261,261	64,518,001	65,607,495	62,515,676	57,535,047	60,327,518	62,806,846	128.71	4.1	70.0
mgd equiv	184.00		185.44		126.50	112.64	116.39	128.11	125.54	132.22	134.45	128.11	117.91	123.63	128.71		4.1	
Total w/o SC&SJ	89,786,096		86,516,168		58,662,860	51,831,149	53,798,763	59,266,535	57,702,342	60,843,336	61,991,526	58,995,933	54,310,721	57,091,836	59,438,318	121.81	4.1	66.2
mgd equiv	184.00		177.30		120.22	106.22	110.25	121.46	118.25	124.69	127.04	120.90	111.30	117.00	121.81		4.1	

* Agencies receiving 100% of their supply from the SF RWS (16 total). ** Inclusive of Guadalupe Valley MID beginning *** 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 SF RWS. For reporting purposes here, the "supply guarantee" shown for Hayward is their current year purchase (FY 2017-18). The "Residual" total is a calculated number to bring the total to 184 mgd.

Note: Some agencies purchase SF RWS water which is then conveyed to a neighboring agency. The receiving agency is credited with this purchase; the transferring agency debited. This does not include the specific purchase of water by the City of San Bruno from North Coast County Water District.

Note: Beginning in FY 2015-16, Daly City, CWS-South San Francisco, and San Bruno began participating in the Regional Groundwater Storage and Recovery Program whereby surplus surface water is delivered in lieu of groundwater pumping. Additional surface water supplies are utilized in lieu of groundwater pumping when available. Values shown above exclude In Lieu Water deliveries.

Note: In June 2017, Mountain View transferred 1 mgd of Supply Guarantee to East Palo Alto. In July 2018, Palo Alto transferred 0.5 mgd of Supply Guarantee to East Palo Alto. The Supply Guarantee in the above table reflects these transfers.

Source: BAWSCA Annual Surveys

Figure 2B: Monthly/Seasonal Purchases from SF RWS among BAWSCA Members – FY 2024-25

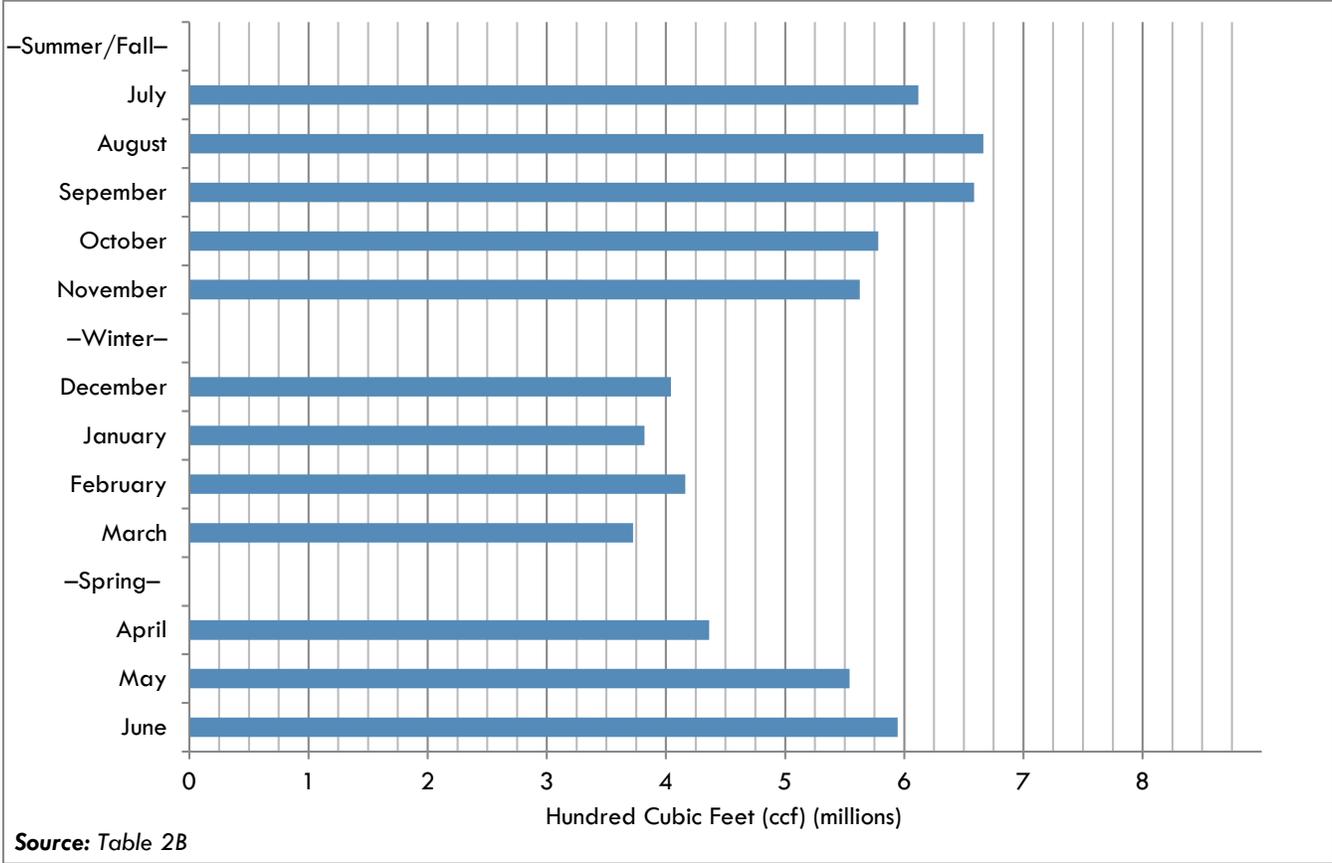


Table 2B: Monthly/Seasonal Purchases from SF RWS Among BAWSCA Members – FY 2024-25 (in ccf) SFPUC Commercial Division Records Data

SFPUC Commercial Division Records Data ¹																		
Member	Summer/Fall						Winter					Spring			Year			
	July	Aug	Sept	Oct	Nov	Total	Dec	Jan	Feb	March	Total	April	May	June	Total	Total	mgd	
* Alameda CWD	416,270	410,435	350,937	330,370	355,101	1,863,113	179,210	345,345	323,525	317,517	1,165,597	595,314	776,902	519,412	1,891,628	4,920,338	10.08	
** Brisbane	20,219	25,898	26,865	22,524	26,013	121,519	18,784	18,360	18,237	16,155	71,537	17,146	20,260	24,561	61,967	255,023	0.52	
* Burlingame	160,034	162,718	180,538	150,594	144,899	798,782	118,864	98,340	111,455	100,794	429,454	101,233	130,633	157,682	389,549	1,617,784	3.32	
* CWS - Bear Gulch	638,793	640,283	579,209	633,837	466,256	2,958,377	234,317	200,752	250,048	218,316	903,434	284,761	463,925	479,550	1,228,236	5,090,046	10.43	
* CWS - Mid Peninsula	561,045	618,784	587,096	516,883	548,719	2,832,527	382,281	349,008	392,311	357,016	1,480,616	374,691	475,744	558,107	1,408,542	5,721,685	11.73	
* CWS - South SF 2	208,473	212,387	221,786	176,872	205,706	1,025,225	151,602	145,245	147,209	126,536	570,592	137,251	177,869	178,620	493,739	2,089,556	4.28	
* Coastside CWD	62,218	59,051	57,200	59,252	62,216	299,937	26,893	16,443	26,078	18,621	88,035	23,465	38,817	44,935	107,217	495,189	1.01	
* Daly City 2	137,833	160,730	182,003	129,425	177,461	787,453	116,048	125,112	138,734	108,144	488,039	126,866	125,715	140,291	392,871	1,668,363	3.42	
* East Palo Alto	78,389	81,543	79,390	72,178	74,743	386,243	59,636	57,558	67,060	55,926	240,180	61,329	77,698	75,121	214,148	840,570	1.72	
* Estero MID	198,866	215,188	199,844	167,228	171,114	952,240	107,568	98,146	114,114	100,316	420,143	112,659	178,747	184,167	475,573	1,847,956	3.79	
* Guadalupe Valley MID	5,126	6,812	7,140	6,046	7,335	32,458	6,523	6,835	4,935	3,630	21,922	4,390	6,271	8,236	18,897	73,277	0.15	
* Hayward	653,123	699,597	652,814	653,150	536,762	3,195,445	459,214	491,191	439,860	411,322	1,801,587	479,691	544,023	642,677	1,666,390	6,663,423	13.66	
* Hillsborough	144,166	169,781	154,037	117,630	112,069	697,684	48,403	34,680	44,173	37,917	165,173	42,157	101,598	123,457	267,212	1,130,069	2.32	
* Menlo Park	141,627	153,167	142,732	128,581	117,352	683,459	71,285	68,470	84,319	72,687	296,761	85,102	128,383	134,568	348,053	1,328,274	2.72	
* Mid-Peninsula WD	114,427	115,320	125,020	105,573	96,947	557,286	82,600	65,436	76,726	78,828	303,590	75,930	97,349	108,729	282,009	1,142,885	2.34	
* Millbrae	87,644	87,003	97,514	76,143	72,773	421,077	67,512	59,350	66,355	59,142	252,359	57,465	69,720	83,530	210,714	884,151	1.81	
* Milpitas	241,587	265,490	263,455	220,429	239,497	1,230,458	171,443	171,525	179,337	155,530	677,834	175,202	196,490	238,836	610,528	2,518,820	5.16	
* Mountain View	350,499	404,995	428,607	343,858	351,294	1,879,253	278,801	231,613	254,624	210,138	975,175	236,651	297,031	366,064	899,746	3,754,173	7.69	
* North Coast CWD	115,815	107,075	119,364	98,511	99,267	540,032	98,857	92,794	92,679	95,818	380,149	95,433	101,458	110,291	307,182	1,227,363	2.52	
* Palo Alto	492,542	529,599	494,163	440,281	407,113	2,363,699	252,212	241,354	278,552	245,046	1,017,164	290,050	423,011	449,638	1,162,699	4,543,561	9.31	
* Purissima Hills WD	81,526	99,766	99,673	81,669	97,092	459,726	32,349	26,197	32,887	23,935	115,368	28,502	53,312	81,083	162,898	737,991	1.51	
* Redwood City	414,922	400,406	427,370	349,954	319,272	1,911,924	255,073	225,195	249,546	249,908	979,722	252,386	329,054	355,418	936,859	3,828,505	7.85	
* San Bruno 2	62,965	54,327	68,955	45,336	45,660	277,243	37,809	24,006	37,118	27,429	126,363	26,153	29,310	44,914	100,378	503,983	1.03	
* San Jose MWS-North	174,694	209,834	212,950	169,973	182,043	949,494	145,440	120,776	139,694	119,785	525,694	135,149	155,237	182,011	472,398	1,947,586	3.99	
* Santa Clara	114,272	130,528	135,779	110,515	119,973	611,066	117,788	115,084	119,620	100,080	452,571	110,412	121,247	122,810	354,468	1,418,105	2.91	
* Stanford University	73,345	77,314	76,882	77,800	72,940	378,281	59,038	36,836	56,525	46,724	199,124	52,158	67,347	77,146	196,652	774,056	1.59	
* Sunnyvale	337,631	533,911	584,923	467,548	485,348	2,409,362	436,694	327,044	393,387	343,280	1,500,404	359,262	324,172	424,150	1,107,584	5,017,350	10.28	
* Westborough WD	29,818	30,586	30,568	28,338	30,910	150,220	25,215	27,485	22,906	23,262	98,867	20,610	30,524	29,507	80,641	329,729	0.68	
Totals	6,117,866	6,662,530	6,586,816	5,780,496	5,625,874	30,773,582	4,041,458	3,820,181	4,162,012	3,723,801	15,747,452	4,361,418	5,541,847	5,945,511	15,848,776	62,369,810	127.82	
Seasonal Comparisons						Summer/Fall	Winter					Spring			Year			
						2012-13	35,927,152				2012-13	17,236,235			2012-13	19,027,049	72,190,436	147.94
						2013-14	36,602,803				2013-14	18,958,782			2013-14	17,488,648	73,050,233	149.70
						2014-15	31,404,179				2014-15	16,571,143			2014-15	14,502,045	62,477,367	128.04
						2015-16	25,993,686				2015-16	14,369,236			2015-16	14,124,948	54,487,870	111.66
						2016-17	28,843,372				2016-17	14,458,909			2016-17	15,679,219	58,981,500	120.87
						2017-18	32,895,226				2017-18	16,837,505			2017-18	15,914,209	65,646,941	134.53
						2018-19	31,934,491				2018-19	15,621,040			2018-19	16,008,279	63,563,810	130.26
						2019-20	31,520,643				2019-20	17,425,736			2019-20	15,522,330	64,468,709	132.12
						2020-21	32,243,028				2020-21	16,700,713			2020-21	16,904,050	65,847,791	134.94
						2021-22	30,341,692				2021-22	16,192,298			2021-22	16,113,770	62,647,759	128.38
						2022-23	28,592,100				2022-23	14,793,031			2022-23	14,418,436	57,803,567	118.46
						2023-24	28,766,768				2023-24	15,584,440			2023-24	15,641,079	59,992,287	122.94
						2024-25	30,773,582				2024-25	15,747,452			2024-25	15,848,776	62,369,810	127.82
						Since 1983-84	Record Highs: 2003-04 45,402,020				Record Highs: 1987-88 21,979,000				Record Highs: 1986-87 25,083,000	Record Highs: 1986-87 185,311		
							Record Lows: 2015-16 25,993,686				Record Lows: 1983-84 13,429,000				Record Lows: 1990-91 13,464,000	Record Lows: 2015-16 111.66		

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 2015-16, these agencies began participating in the Regional Groundwater Storage and Recovery Program with the SFPUC. Additional surface water supplies are utilized in lieu of groundwater pumping when available. Impacts to the groundwater basin are being monitored. Totals shown include SF RWS in Lieu Water delivered to Daly City, CWS - South SF, and San Bruno (if applicable). See Table 2D.

* Agency has other sources besides SF RWS.

** Brisbane and Guadalupe Valley MID share source water purchases.

Source: SFPUC Commercial Division Records

**Table 2C: Historical SF RWS Wholesale Water Purchases by BAWUA/BAWSCA Agencies*
FY 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		1980-81	72,463,235	148.5	166,353	8.9
1931-32	1,366,310	2.8	3,137	-9.7	1981-82	71,828,877	147.2	164,896	-0.9
1932-33	1,317,513	2.7	3,025	-3.6	1982-83	70,950,535	145.4	162,880	-1.2
1933-34	1,268,717	2.6	2,913	-3.7	1983-84	79,441,176	162.8	182,372	12.0
1934-35	1,171,123	2.4	2,689	-7.7	1984-85	82,759,358	169.6	189,989	4.2
1935-36	1,219,920	2.5	2,801	4.2	1985-86	83,149,733	170.4	190,886	0.5
1936-37	1,659,091	3.4	3,809	36.0	1986-87	90,176,471	184.8	207,017	8.5
1937-38	2,439,840	5.0	5,601	47.1	1987-88	88,273,396	180.9	202,648	-2.1
1938-39	3,122,995	6.4	7,169	28.0	1988-89	67,241,979	137.8	154,366	-23.8
1939-40	4,391,711	9.0	10,082	40.6	1989-90	78,221,257	160.3	179,571	16.3
1940-41	3,562,166	7.3	8,178	-18.9	1990-91	64,509,358	132.2	148,093	-17.5
1941-42	3,757,353	7.7	8,626	5.5	1991-92	61,191,176	125.4	140,476	-5.1
1942-43	4,196,524	8.6	9,634	11.7	1992-93	64,899,733	133.0	148,989	6.1
1943-44	5,562,834	11.4	12,771	32.6	1993-94	72,707,219	149.0	166,913	12.0
1944-45	8,734,625	17.9	20,052	57.0	1994-95	71,596,604	146.7	164,363	-1.5
1945-46	8,393,048	17.2	19,268	-3.9	1995-96	79,502,660	162.9	182,513	11.0
1946-47	9,076,203	18.6	20,836	8.1	1996-97	83,211,705	170.5	191,028	4.7
1947-48	9,612,968	19.7	22,068	5.9	1997-98	77,305,829	158.4	177,470	-7.1
1948-49	9,710,561	19.9	22,292	1.0	1998-99	82,214,786	168.5	188,739	6.4
1949-50	9,564,171	19.6	21,956	-1.5	1999-00	84,647,794	173.5	194,325	3.0
1950-51	11,223,262	23.0	25,765	17.3	2000-01	85,327,533	174.9	195,885	0.8
1951-52	12,784,759	26.2	29,350	13.9	2001-02	83,562,066	171.2	191,832	-2.1
1952-53	14,590,240	29.9	33,495	14.1	2002-03	82,654,243	169.4	189,748	-1.1
1953-54	17,176,470	35.2	39,432	17.7	2003-04	88,480,297	181.3	203,123	7.0
1954-55	21,763,368	44.6	49,962	26.7	2004-05	81,672,866	167.4	187,495	-7.7
1955-56	23,324,866	47.8	53,547	7.2	2005-06	80,255,145	164.5	184,240	-1.7
1956-57	25,911,095	53.1	59,484	11.1	2006-07	85,779,136	175.8	196,922	6.9
1957-58	22,690,507	46.5	52,090	-12.4	2007-08	84,618,323	173.4	194,257	-1.4
1958-59	27,814,170	57.0	63,853	22.6	2008-09	80,034,009	164.0	183,733	-5.4
1959-60	30,937,165	63.4	71,022	11.2	2009-10	73,920,589	151.5	169,698	-7.6
1960-61	32,010,694	65.6	73,486	3.5	2010-11	71,165,207	145.8	163,373	-3.7
1961-62	34,255,347	70.2	78,639	7.0	2011-12	70,630,209	144.7	162,145	-0.8
1962-63	38,256,683	78.4	87,825	11.7	2012-13	72,190,436	147.9	165,726	2.2
1963-64	44,161,095	90.5	101,380	15.4	2013-14	73,050,233	149.7	167,700	1.2
1964-65	47,430,480	97.2	108,885	7.4	2014-15	62,477,367	128.0	143,428	-14.5
1965-66	52,700,533	108.0	120,984	11.1	2015-16	54,487,870	111.7	125,087	-12.8
1966-67	54,652,405	112.0	125,465	3.7	2016-17	58,981,500	120.9	135,403	8.2
1967-68	63,972,592	131.1	146,861	17.1	2017-18	65,646,941	134.5	150,705	11.3
1968-69	61,630,346	126.3	141,484	-3.7	2018-19	63,563,810	130.3	145,922	-3.2
1969-70	67,778,741	138.9	155,599	10.0	2019-20	64,468,709	132.1	148,000	1.4
1970-71	64,753,340	132.7	148,653	-4.5	2020-21	65,847,791	134.9	151,166	2.1
1971-72	69,486,629	142.4	159,519	7.3	2021-22	62,647,759	128.4	143,819	-4.9
1972-73	65,046,121	133.3	149,325	-6.4	2022-23	57,803,567	118.5	132,699	-7.7
1973-74	68,705,880	140.8	157,727	5.6	2023-24	59,992,287	122.9	137,723	3.8
1974-75	71,145,722	145.8	163,328	3.6	2024-25	62,369,810	127.8	143,181	4.0
1975-76	75,147,059	154.0	172,514	5.6					
1976-77	65,143,717	133.5	149,549	-13.3					
1977-78	48,113,636	98.6	110,454	-26.1					
1978-79	62,899,064	128.9	144,396	30.7					
1979-80	66,558,824	136.4	152,798	5.8					

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

Note: The above totals are inclusive of SF RWS In Lieu Water. See Table 2D.

Source: SFPUC Commercial Division Records

Table 2D: SF RWS In Lieu Water Deliveries to 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
2010-11	0	1,061,951	0	1,061,951	2.18
2011-12	0	0	0	0	0.00
2012-13	0	0	0	0	0.00
2013-14	0	0	0	0	0.00
2014-15	0	0	0	0	0.00
2015-16	38,981	146,803	83,663	269,447	0.55
2016-17	668,470	1,041,345	895,413	2,605,228	5.34
2017-18	668,470	1,060,963	890,214	2,619,647	5.37
2018-19	668,470	1,055,309	793,401	2,517,180	5.16
2019-20	670,301	1,057,033	922,606	2,649,940	5.43
2020-21	668,470	1,040,352	883,411	2,592,233	5.31
2021-22	0	0	0	0	0.00
2022-23	0	0	0	0	0.00
2023-24	597,632	747,202	824,756	2,169,590	4.45
2024-25	568,811	738,390	1,024,662	2,331,863	4.78

Starting in FY 2002-03, Cal Water (South San Francisco), Daly City, and San Bruno participated in the Conjunctive Use Pilot Program whereby surplus SF RWS water was purchased (at a reduced rate) in lieu of pumping that same amount of water from the groundwater basin. During the Pilot Program, SF RWS water delivered in lieu of groundwater pumping was referred to as Supplemental Water. 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 2010-11, indicative of a wetter year.

Beginning in FY 2015-16, the participating BAWSCA agencies and the SFPUC began the Regional Groundwater Storage and Recovery Program. 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 SF RWS water may be in short supply. During normal and wet years, In Lieu Water is provided to the participating agencies.

Source: BAWSCA FY 2024-25 Annual Survey

Table 2E: SF RWS Drought Declarations (Periods of Drought from 1975 – Present)

Years	SFPUC Water Shortage Emergency Declaration	Additional Details
1976-1977	N/A	•1977 was the driest year on record in California.
1987-1991	N/A	•1987-1991 comprised the second driest period in California's recorded climate history.
2007-2009	N/A	•First statewide proclamation of drought emergency in California's history.
2014-2017	January 31, 2014	<ul style="list-style-type: none"> •SFPUC formally issues a request for voluntary water reduction by 10%. •SFPUC issued a one-time waiver of the minimum purchase requirements.* •April 4, 2017 - SFPUC declares there was no longer a need for voluntary reductions in water use.
2021-2023	November 23, 2021	<ul style="list-style-type: none"> •SFPUC calls for a voluntary 10% water use reduction for all retail customers. •SFPUC issues waiver of minimum purchase requirements during drought.* •May 24, 2022 - SFPUC adopts systemwide water use reduction of 11% compared to FY 19-20 water use. •April 11, 2023 - SFPUC lifts water shortage emergency declaration and drought surcharge. SFPUC continues to encourage voluntary systemwide water use reduction of 11%.
<p>Notes:</p>		
<p>*Mountain View, Sunnyvale, Milpitas, and Alameda County Water District.</p>		
<p>*Minimum Purchase Requirement waiver years: FY 2014-15, 2015-16, 2016-17, and 2021-22.</p>		
<p>Source: BAWSCA 2014-2017 Drought Report</p>		

3. Total Water Supply and Demand

Table 3A: Historical Total Water Use by BAWSCA Agencies (in ccf). Inclusive of non-revenue water and In Lieu Water deliveries.

Member	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	mgd	
San Mateo County																
Brisbane / GVMID	280,650	287,290	302,776	280,029	257,414	294,756	334,217	323,917	310,127	303,604	298,906	258,323	297,752	335,511	0.69	
Burlingame	2,158,682	2,099,365	2,148,019	1,937,939	1,652,167	1,738,444	1,842,356	1,815,582	1,750,350	1,653,540	1,687,626	1,444,244	1,543,145	1,597,536	3.27	
CWS - Bear Gulch	6,004,849	6,116,162	6,259,793	5,267,634	4,194,432	4,506,722	5,165,363	5,033,422	5,566,308	5,836,065	5,227,682	4,605,197	4,878,606	5,134,295	10.52	
CWS - Mid Peninsula	6,905,680	6,046,107	6,956,723	6,016,058	5,325,284	5,539,001	6,083,059	5,991,673	6,292,879	6,336,593	6,074,256	5,472,830	5,766,969	5,852,015	11.99	
CWS - South SF	3,682,415	3,620,826	3,616,258	3,270,666	2,944,723	2,862,074	3,042,831	2,945,508	2,961,510	2,890,693	2,868,442	2,768,049	2,756,116	2,761,097	5.66	
Coastside CWD	896,631	996,377	997,259	877,579	817,339	812,567	902,206	872,781	891,158	886,215	771,845	644,994	693,481	751,953	1.54	
Cordilleras							Not BAWSCA Member									
Daly City	3,364,817	3,512,566	3,349,433	2,895,051	3,141,794	3,167,719	3,055,121	3,046,110	3,139,345	2,877,565	3,080,007	2,822,660	2,558,350	2,663,150	5.46	
East Palo Alto	907,662	1,010,939	720,040	766,380	690,728	730,899	772,528	763,315	764,448	748,457	704,834	678,615	747,141	840,811	1.72	
Estero MID	1,966,984	2,000,497	1,942,333	1,930,526	1,768,029	1,874,751	2,068,753	1,969,663	2,115,607	2,101,104	1,887,409	1,833,938	1,939,984	1,968,821	4.03	
Guadalupe Valley MID							Included with Brisbane									
Hillsborough	1,470,409	1,609,532	1,599,812	1,226,777	1,050,944	1,139,003	1,234,547	1,124,778	1,280,605	1,314,680	1,141,504	1,000,717	1,057,159	1,130,277	2.32	
Los Trancos																
Menlo Park	1,621,745	1,584,636	1,729,399	1,287,136	1,074,516	1,153,760	1,393,425	1,383,605	1,442,176	1,379,039	1,195,123	1,070,006	1,247,376	1,335,607	2.74	
Mid-Peninsula WD	1,437,360	1,453,047	1,408,109	1,209,300	1,076,654	1,134,389	1,221,454	1,220,573	1,295,922	1,273,998	1,172,923	1,055,377	1,107,642	1,153,983	2.36	
Millbrae	1,046,254	1,125,147	1,146,741	1,003,049	899,785	930,695	992,865	949,289	939,939	906,122	900,514	850,047	844,675	900,877	1.85	
North Coast CWD	1,380,360	1,192,485	1,392,872	1,364,900	914,081	1,105,206	1,169,151	1,142,039	1,177,652	1,194,417	1,084,637	1,040,739	1,071,758	1,197,730	2.45	
Redwood City	4,719,085	5,057,308	4,730,885	4,099,699	3,790,431	4,114,869	4,462,425	4,246,670	4,651,110	4,498,987	4,169,575	3,776,172	4,017,280	4,095,722	8.39	
San Bruno	1,770,007	1,752,095	1,747,722	1,529,900	1,519,903	1,429,544	1,488,555	1,374,751	1,511,466	1,506,577	1,480,750	1,438,582	1,349,705	1,337,162	2.74	
Skyline							Included with CWS-Bear Gulch									
Westborough WD	440,796	441,233	433,980	377,034	390,753	356,722	383,996	379,833	400,616	373,994	327,131	339,960	332,246	332,546	0.68	
Subtotal	40,054,386	39,905,612	40,482,154	35,339,657	31,508,977	32,891,121	35,612,852	34,583,510	36,491,218	36,081,650	34,073,163	31,100,450	32,209,385	33,389,093	68.42	
mgd	82.08	81.78	82.96	72.42	64.57	67.40	72.98	70.87	74.78	73.94	69.83	63.73	66.01	68.42		
Santa Clara County																
Milpitas	4,937,407	4,975,000	4,908,500	4,462,023	4,030,280	4,159,187	4,407,989	4,459,591	4,583,002	4,589,507	4,265,384	3,975,347	4,049,028	4,387,894	8.99	
Mountain View	5,232,110	5,234,742	5,263,373	4,435,583	3,854,816	4,125,019	4,293,493	4,220,597	4,477,254	4,559,155	4,221,774	3,879,095	4,273,802	4,523,500	9.27	
Palo Alto	5,948,461	5,750,761	5,981,585	5,091,582	4,356,931	4,672,228	5,252,489	4,969,831	5,137,657	5,452,454	5,185,748	4,664,961	4,889,834	4,628,616	9.49	
Purissima Hills WD	899,221	972,733	982,100	803,313	640,369	689,261	814,270	770,703	851,999	925,721	799,210	639,836	677,300	740,466	1.52	
San Jose	2,356,648	2,354,211	2,676,663	2,521,675	2,391,807	2,325,602	2,626,952	2,513,187	2,499,664	2,534,036	2,481,508	2,172,564	2,276,864	2,402,594	4.92	
Santa Clara	10,695,253	10,757,568	10,757,505	9,768,682	8,817,463	9,141,873	9,957,730	9,523,015	9,617,423	9,454,016	9,095,223	8,604,882	9,150,929	9,412,544	19.29	
Stanford	1,604,702	1,624,555	1,553,272	1,396,374	1,073,556	1,148,562	1,264,778	1,228,167	1,221,078	1,198,813	1,227,293	1,221,384	1,238,931	1,323,725	2.71	
Sunnyvale	8,465,724	9,453,326	8,994,820	7,795,081	7,208,816	7,744,448	8,333,441	8,237,461	8,731,750	8,857,476	8,244,518	7,468,737	8,126,783	8,603,237	17.63	
Subtotal	40,139,526	41,122,896	41,117,818	36,274,313	32,374,038	34,006,180	36,951,300	35,922,552	37,119,827	37,571,178	35,520,658	32,626,806	34,683,471	36,022,576	73.82	
mgd	82.26	84.27	84.26	74.34	66.34	69.69	75.72	73.62	76.07	77.00	72.79	66.86	71.08	73.82		
Alameda County																
Alameda CWD	21,108,246	21,209,862	20,274,011	16,751,709	15,804,948	16,986,244	18,057,620	18,066,739	18,900,527	19,469,820	17,906,331	16,086,991	16,757,369	17,708,182	36.29	
Hayward	7,610,980	7,552,956	7,402,067	6,634,616	5,979,616	6,281,522	7,101,954	6,821,848	6,794,224	7,098,330	6,881,943	6,378,038	6,510,781	6,751,759	13.84	
Subtotal	28,719,226	28,762,818	27,676,078	23,386,325	21,784,564	23,267,766	25,159,574	24,888,587	25,694,751	26,568,150	24,788,274	22,465,029	23,268,150	24,459,941	50.13	
mgd	58.85	58.94	56.72	47.93	44.64	47.68	51.56	51.00	52.66	54.45	50.80	46.04	47.68	50.13		
Total	108,913,138	109,791,326	109,276,050	95,000,295	85,667,579	90,165,067	97,723,725	95,394,628	99,394,628	100,220,978	94,382,096	86,192,285	90,161,006	93,871,610	192.37	
mgd	223.20	225.00	223.94	194.69	175.56	184.78	200.27	195.49	203.51	205.38	193.42	176.64	184.77	192.37		
% Change	-0.2	0.8	-0.5	-13.1	-9.8	5.2	8.4	-2.4	4.1	0.9	-5.8	-8.7	4.6	-6.3		
Note: Totals inclusive of SF RWS In Lieu Water.																
Source: BAWSCA Annual Surveys																

Table 3B: Historical Total Water Use by 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	122,510,157	251.1	281,245	-1.3
2003-04	129,222,361	264.8	296,654	5.5
2004-05	119,049,118	244.0	273,299	-7.9
2005-06	120,114,923	246.2	275,746	0.9
2006-07	125,003,151	256.2	286,968	4.1
2007-08	125,208,913	256.6	287,440	0.2
2008-09	117,440,576	240.7	269,606	-6.2
2009-10	109,619,067	224.6	251,651	-6.7
2010-11	109,143,031	223.7	250,558	-0.4
2011-12	108,913,138	223.2	250,030	-0.2
2012-13	109,791,326	225.0	252,046	0.8
2013-14	109,276,050	223.9	250,863	-0.5
2014-15	95,000,295	194.7	218,091	-13.1
2015-16	85,667,579	175.6	196,666	-9.8
2016-17	90,165,067	184.8	206,991	5.2
2017-18	97,723,725	200.3	224,343	8.4
2018-19	95,394,628	195.5	218,996	-2.4
2019-20	99,305,796	203.5	227,975	4.1
2020-21	100,220,978	205.4	230,076	0.9
2021-22	94,365,109	193.4	216,632	-5.8
2022-23	86,192,285	176.6	197,870	0.0
2023-24	90,161,006	184.8	206,981	4.6
2024-25	93,871,610	192.4	215,500	4.1

*Inclusive of non-revenue water and SF RWS In Lieu Water (see Table 2D).

Source: BAWUA/BAWSCA Annual Surveys

Figure 3C: Water Use by Source of Supply – FY 2024-25

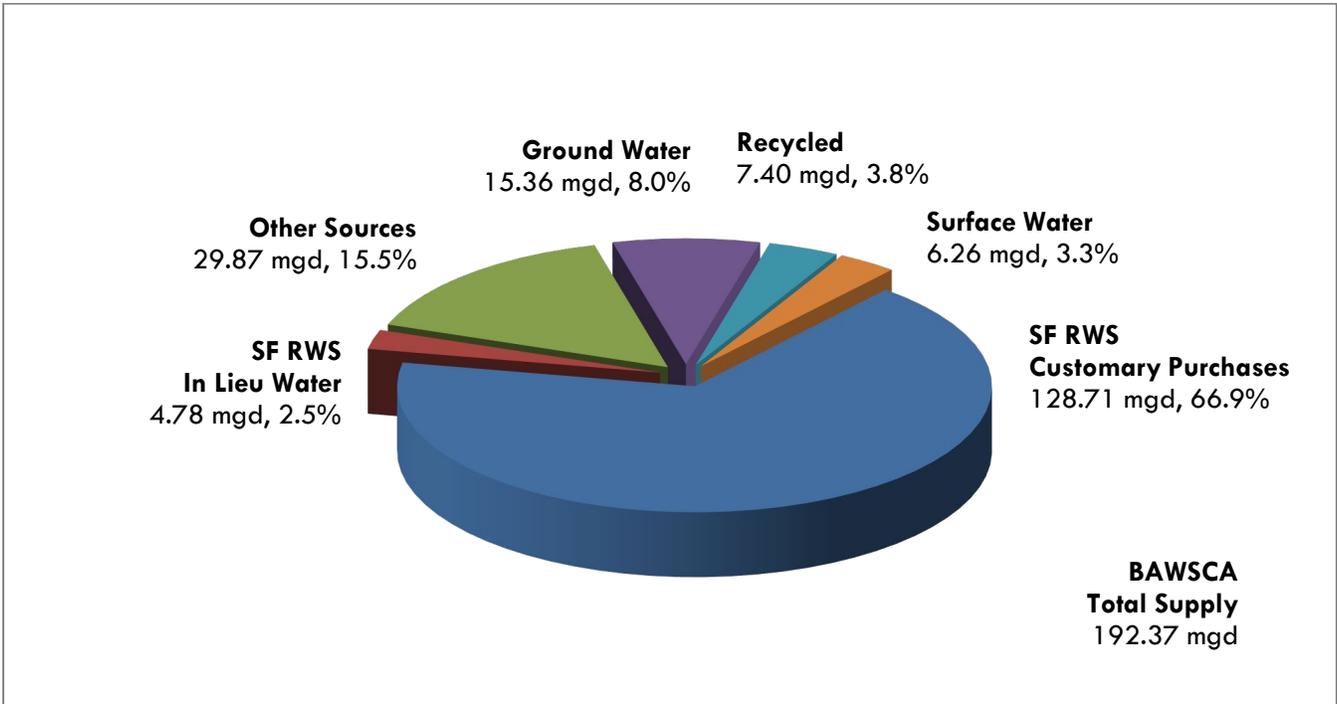
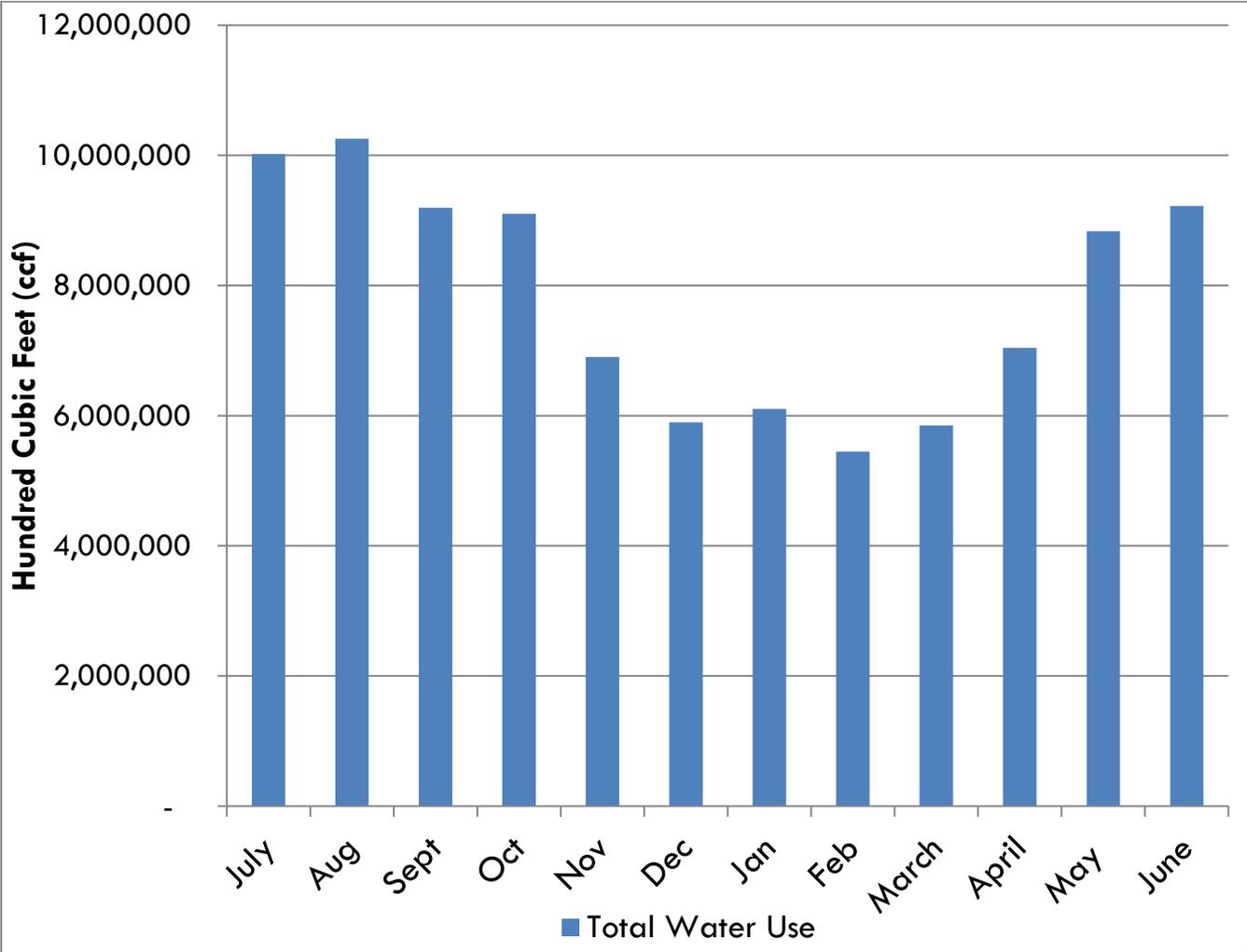


Figure 3D: Total Monthly Water Use for All BAWSCA Agencies – FY 2024-25



Inclusive of SF RWS In-Lieu Water (if applicable) and Non-Revenue Water

Table 3C: Water Use by Source of Supply – FY 2024-25 (in ccf)

Member	SF RWS Purchases			Local Sources (non-SF RWS)				Other Sources				Totals		
	Customary	SF RWS In Lieu Water	% 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 / GVMID	335,511	0	100.0%	0	0%	0	0%	0	0%	0	0%	335,511	0.69	0.36%
Burlingame	1,597,536	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,597,536	3.27	1.70%
CWS - Bear Gulch	5,134,295	0	100.0%	0	0%	0	0.0%	0	0%	0	0%	5,134,295	10.52	5.47%
CWS - Mid Peninsula	5,852,015	0	100.0%	0	0%	0	0%	0	0%	0	0%	5,852,015	11.99	6.23%
CWS - South SF	2,092,609	568,811	96.4%	99,677	4%	0	0%	0	0%	0	0%	2,761,097	5.66	2.94%
Coastside CWD	492,934	0	65.6%	0	0.0%	259,019	34.4%	0	0%	0	0%	751,953	1.54	0.80%
Daly City	1,694,763 *	738,390	91.4%	0	0%	0	0%	229,997	8.6%	0	0%	2,663,150	5.46	2.84%
East Palo Alto**	840,811	0	100.0%	0	0%	0	0%	0	0%	0	0%	840,811	1.72	0.90%
Estero MID	1,968,821	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,968,821	4.03	2.10%
Hillsborough	1,130,277	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,130,277	2.32	1.20%
Menlo Park	1,335,607	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,335,607	2.74	1.42%
Mid-Peninsula WD	1,153,983	0	100.0%	0	0%	0	0%	0	0%	0	0%	1,153,983	2.36	1.23%
Millbrae	900,877 **	0	100.0%	0	0%	0	0%	0	0%	0	0%	900,877	1.85	0.96%
North Coast CWD	1,185,105	0	98.9%	0	0%	0	0%	12,625	1%	0	0%	1,197,730	2.45	1.28%
Redwood City	3,828,819	0	93.5%	0	0%	0	0%	266,903	6.5%	0	0%	4,095,722	8.39	4.36%
San Bruno	295,431	1,024,662	98.7%	0	0.0%	0	0%	0	0%	17,069	1%	1,337,162	2.74	1.42%
Westborough WD	332,546	0	100.0%	0	0%	0	0%	0	0%	0	0%	332,546	0.68	0.35%
Subtotal	30,171,939	2,331,863	97.3%	99,677	0.3%	259,019	0.8%	509,525	1.53%	17,069	0.1%	33,389,093	68.42	35.57%
mgd equiv	61.83	4.78		0.20		0.53		1.04		0.03		68.42		
Santa Clara County														
Milpitas	2,571,727	0	58.6%	0	0%	0	0%	413,157	9.4%	1,403,010	32.0%	4,387,894	8.99	4.67%
Mountain View	3,760,315	0	83.1%	77,199	1.7%	0	0%	275,307	6%	410,679	9.1%	4,523,500	9.27	4.82%
Palo Alto	4,543,561	0	98.2%	0	0%	0	0%	85,055	1.8%	0	0%	4,628,616	9.49	4.93%
Purissima Hills WD	740,466	0	100.0%	0	0%	0	0%	0	0%	0	0%	740,466	1.52	0.79%
San Jose	1,944,248	0	80.9%	14,288	0.6%	0	0%	444,058	18.5%	0	0%	2,402,594	4.92	2.56%
Santa Clara	1,424,280	0	15.1%	4,766,115	50.6%	0	0%	1,794,429	19.1%	1,427,720	15.2%	9,412,544	19.29	10.03%
Stanford	774,055	0	58.5%	0	0%	0	0%	0	0%	549,670	42%	1,323,725	2.71	1.41%
Sunnyvale	5,129,008	0	59.6%	61,376	0.7%	0	0%	0	0.0%	3,412,853	39.7%	8,603,237	17.63	9.16%
Subtotal	20,887,661	0	58.0%	4,918,978	13.7%	0	0.0%	3,012,006	8.4%	7,203,931	20.0%	36,022,576	73.82	38.37%
mgd equiv	42.81	0.00		10.08		0.00		6.17		14.76		73.82		
Alameda County														
Alameda CWD	5,083,824	0	28.7%	2,476,103	14.0%	2,793,503	15.8%	0	0%	7,354,752	41.5%	17,708,182	36.29	18.9%
Hayward	6,663,423	0	98.7%	0	0%	0	0%	88,336	1%	0	0.0%	6,751,759	13.84	7.2%
Subtotal	11,747,247	0	48.0%	2,476,103	10.1%	2,793,503	11.4%	88,336	0%	7,354,752	30.1%	24,459,941	50.13	26.06%
mgd equiv	24.07	0.00		5.07		5.72		0.00		15.07		50.13		
Total	62,806,846	2,331,863	69.4%	7,494,759	8.0%	3,052,522	3.3%	3,609,867	3.8%	14,575,752	15.5%	93,871,610	192.37	100.0%
mgd equiv	128.71	4.78		15.36		6.26		7.40		29.87		192.37		

*The total recycled water noted here is the portion that actually replaces a potable supply.

***Excludes resale SFPUC supply sold.

****"Other Sources" is made up of purchases from SCVWD, local surface water, local groundwater, and stormwater capture used for irrigation (non-potable supplies).

Source: BAWSCA FY 2024-25 Annual Survey

Table 3D: Total Monthly Water Use – FY 2024-25 (in ccf)

Member	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	Total	mgd
San Mateo County														
Brisbane / GVMID	32,709	34,005	28,570	33,116	25,307	25,195	23,172	19,785	21,536	26,531	32,797	32,788	335,511	0.69
Burlingame	166,232	162,716	180,536	150,591	144,896	118,869	98,335	111,449	74,366	101,236	130,633	157,676	1,597,536	3.27
CWS - Bear Gulch	680,504	658,961	581,464	540,189	332,880	223,650	244,848	199,369	240,429	371,326	496,103	564,573	5,134,295	10.52
CWS - Mid Peninsula	631,779	611,352	560,847	556,988	429,159	375,467	383,915	337,277	381,410	447,613	551,432	584,775	5,852,015	11.99
CWS - South SF	273,755	269,771	252,062	264,195	213,536	196,161	201,946	170,633	206,381	214,184	248,690	249,784	2,761,097	5.66
Coastside CWD	81,492	69,460	80,489	73,484	53,619	42,898	49,662	39,128	49,649	55,745	77,642	78,684	751,953	1.54
Daly City	228,939	247,939	218,114	282,439	189,711	194,871	200,965	176,353	187,173	225,231	270,914	240,501	2,663,150	5.46
East Palo Alto	78,377	81,545	79,380	72,187	74,861	59,622	57,549	67,054	55,919	61,493	77,695	75,128	840,811	1.72
Estero MID	224,515	216,349	195,619	178,531	133,663	113,648	117,423	101,172	124,589	159,621	202,534	201,157	1,968,821	4.03
Hillsborough	169,781	154,037	117,630	112,069	48,403	34,680	44,173	37,917	42,157	101,598	123,457	144,375	1,130,277	2.32
Menlo Park	150,549	145,527	133,317	133,110	92,541	72,943	79,471	68,391	81,088	100,731	135,469	142,470	1,335,607	2.74
Mid-Peninsula WD	116,998	122,028	110,812	109,338	87,104	74,880	74,377	66,996	80,620	88,404	109,389	113,037	1,153,983	2.36
Millbrae	87,003	97,514	93,781	72,773	67,512	59,350	66,355	59,142	57,465	69,720	83,530	86,732	900,877	1.85
North Coast CWD	101,297	104,702	93,976	99,609	84,684	83,603	98,824	83,022	104,253	100,908	120,155	122,697	1,197,730	2.45
Redwood City	437,268	466,730	381,480	347,614	264,926	225,877	256,032	254,108	258,033	352,291	391,089	460,275	4,095,722	8.39
San Bruno	124,964	138,699	114,826	115,592	109,292	95,331	97,482	101,041	94,538	101,595	114,138	129,664	1,337,162	2.74
Westborough WD	30,586	30,568	28,338	30,910	25,215	27,485	22,906	23,262	20,610	30,524	29,507	32,635	332,546	0.68
Subtotal	3,616,747	3,611,903	3,251,239	3,172,736	2,377,309	2,024,529	2,117,436	1,916,101	2,080,216	2,608,752	3,195,173	3,416,953	33,389,093	68.42
% of Annual Use	11%	11%	10%	10%	7%	6%	6%	6%	6%	8%	10%	10%		
Santa Clara County														
Milpitas	454,683	464,161	403,463	440,115	321,784	303,096	311,898	270,962	295,574	327,963	393,728	400,467	4,387,894	8.99
Mountain View	507,234	523,703	422,724	425,054	327,512	265,936	291,547	240,690	272,707	351,958	447,263	447,172	4,523,500	9.27
Palo Alto	508,425	543,625	502,997	447,542	409,726	253,991	242,802	279,938	246,719	295,255	435,974	461,622	4,628,616	9.49
Purissima Hills WD	99,766	99,673	81,669	97,092	32,349	26,197	32,887	23,935	28,502	53,312	81,083	84,000	740,466	1.52
San Jose	292,476	225,650	268,431	196,394	209,366	127,640	222,253	124,314	158,690	165,460	228,054	183,866	2,402,594	4.92
Santa Clara	909,534	1,032,535	880,712	1,016,111	657,745	720,180	608,786	619,462	593,425	681,496	820,312	872,246	9,412,544	19.29
Stanford	146,485	171,213	140,919	131,312	113,331	66,173	43,308	64,282	64,175	78,581	157,473	146,473	1,323,725	2.71
Sunnyvale	920,016	938,476	798,427	815,711	615,780	516,167	589,927	466,540	552,000	681,002	852,480	856,710	8,603,237	17.63
Subtotal	3,838,619	3,999,037	3,499,342	3,569,333	2,687,593	2,279,380	2,343,408	2,090,123	2,211,792	2,635,028	3,416,368	3,452,556	36,022,576	73.82
% of Annual Use	11%	11%	10%	10%	7%	6%	7%	6%	6%	7%	9%	10%		
Alameda County														
Alameda CWD	1,893,953	1,932,394	1,778,311	1,697,480	1,297,761	1,136,034	1,152,787	1,000,760	1,143,157	1,312,269	1,667,161	1,696,115	17,708,182	36.29
Hayward	669,325	713,246	665,019	662,882	539,222	459,829	492,247	440,996	413,100	486,134	555,118	654,641	6,751,759	13.84
Subtotal	2,563,278	2,645,640	2,443,330	2,360,362	1,836,983	1,595,863	1,645,034	1,441,756	1,556,257	1,798,403	2,222,279	2,350,756	24,459,941	50.13
% of Annual Use	10%	11%	10%	10%	8%	7%	7%	6%	6%	7%	9%	10%		
Total	10,018,643	10,256,580	9,193,911	9,102,430	6,901,885	5,899,772	6,105,878	5,447,979	5,848,265	7,042,182	8,833,819	9,220,265	93,871,610	192.37
% of Annual Use	11%	11%	10%	10%	7%	6%	7%	6%	6%	8%	9%	10%		
Note: Totals inclusive of SF RWS In Lieu Water (if applicable).														
Source: BAWSCA FY 2024-25 Annual Survey														

Table 3E-1: Demand Projections by Source (in mgd)
Purchases from SF RWS

Member	FY 2029-30	FY 2034-35	FY 2039-40	FY 2044-45	FY 2049-2050
San Mateo County					
Brisbane / GVMID	0.94	0.95	0.97	0.97	0.97
Burlingame	3.92	3.99	4.15	4.30	4.44
CWS - Bear Gulch 2	9.54	9.35	9.28	9.26	9.26
CWS - Mid-Peninsula 2	12.46	12.31	12.29	12.33	12.40
CWS - South SF 2	5.04	5.24	5.36	5.21	5.23
CWS Total	27.04	26.89	26.93	26.80	26.89
Coastside CWD	1.17	1.16	1.16	1.16	1.16
Daly City	4.29	4.29	4.29	4.29	4.29
East Palo Alto	1.19	1.19	1.19	1.18	1.19
Estero MID	3.90	3.92	3.93	3.91	3.90
Hillsborough	2.09	2.08	2.09	2.11	2.12
Menlo Park	2.58	2.64	2.71	2.76	2.83
Mid-Peninsula WD	2.82	2.97	3.18	3.39	3.43
Millbrae	1.91	1.99	2.09	2.18	2.29
North Coast CWD	2.23	2.29	2.37	2.36	2.36
Redwood City	6.84	6.54	6.73	6.91	7.09
San Bruno 1	1.85	2.27	2.68	2.68	2.68
Westborough WD	0.82	0.80	0.84	0.88	0.91
Subtotal	63.59	63.98	65.31	65.88	66.55
Santa Clara County					
Milpitas	5.30	5.35	5.41	5.46	5.52
Mountain View	7.87	8.12	8.59	9.04	9.55
Palo Alto	8.30	8.20	8.15	8.15	8.18
Purissima Hills WD	1.36	1.35	1.36	1.36	1.37
San Jose	4.50	4.50	4.50	4.50	4.50
Santa Clara	4.50	4.50	4.50	4.50	4.50
Stanford	1.77	1.96	2.02	2.07	2.13
Sunnyvale	10.72	11.15	11.92	12.58	12.58
Subtotal	44.32	45.12	46.45	47.65	48.33
Alameda County					
Alameda CWD	11.25	11.56	12.00	12.45	13.76
Hayward	14.74	15.66	16.82	18.14	19.71
Subtotal	25.99	27.22	28.82	30.59	33.47
Total	133.90	136.32	140.58	144.12	148.35
Total w/o SJ & SC	124.90	127.32	131.58	135.12	139.35
Source: BAWSCA FY 2024-25 Annual Survey					
1 Demand projections assume drought conditions which requires San Bruno to use groundwater.					
2 Projections are draft value based on December 2025 demand model for 2025 UWMP.					

Table 3E-2: Demand Projections by Source (in mgd)

Groundwater Production

Member	FY 2029-30	FY 2034-35	FY 2039-40	FY 2044-45	FY 2049-2050
San Mateo County					
CWS - South SF	1.37	1.37	1.37	1.37	1.37
Daly City	1.89	1.79	1.86	1.92	2.00
East Palo Alto	0.43	0.43	0.43	0.43	0.43
San Bruno	2.10	2.10	2.10	2.10	2.10
Subtotal	5.79	5.69	5.76	5.82	5.90
Santa Clara County					
Mountain View	0.18	0.18	0.18	0.18	0.18
San Jose	0.20	0.62	2.00	4.68	4.89
Santa Clara	7.22	8.30	8.91	9.44	10.06
Sunnyvale	7.14	7.14	7.14	7.14	7.14
Subtotal	14.74	16.24	18.23	21.44	22.27
Alameda County					
Alameda CWD	5.70	5.90	6.20	6.50	7.38
Total	26.23	27.83	30.19	33.76	35.55
<i>Source: BAWSCA FY 2024-25 Annual Survey</i>					

Table 3E-3: Demand Projections by Source (in mgd)

Surface Water Production

Member	FY 2029-30	FY 2034-35	FY 2039-40	FY 2044-45	FY 2049-2050
San Mateo County					
CWS - Bear Gulch 1	0.78	0.78	0.78	0.78	0.78
Coastside CWD 2	0.39	0.39	0.39	0.39	0.39
Subtotal	1.17	1.17	1.17	1.17	1.17
Alameda County					
Alameda CWD 3	4.50	4.50	4.50	4.50	4.50
Total	5.67	5.67	5.67	5.67	5.67
1 Bear Gulch					
2 Pilarcitos Creek and Denniston Creek					
3 Del Valle Reservoir					
<i>Source: BAWSCA FY 2024-25 Annual Survey</i>					

Table 3E-4: Demand Projections by Source (in mgd)

Recycled Water

Member	FY 2029-30	FY 2034-35	FY 2039-40	FY 2044-45	FY 2049-2050
San Mateo County					
Daly City	0.15	0.15	0.15	0.15	0.15
Menlo Park	0.15	0.15	0.15	0.15	0.15
NCCWD	0.04	0.04	0.04	0.04	0.04
Redwood City	1.09	1.38	1.41	1.45	1.51
Subtotal	1.43	1.72	1.75	1.79	1.85
Santa Clara County					
Milpitas	0.75	0.75	0.75	0.75	0.75
Mountain View	0.80	1.16	1.16	1.16	1.16
Palo Alto	0.96	0.97	0.98	0.98	0.99
San Jose	1.06	1.12	1.32	1.76	1.78
Santa Clara	5.04	5.15	5.25	5.35	5.46
Sunnyvale	0.90	1.00	1.10	1.62	2.13
Subtotal	9.51	10.15	10.56	11.62	12.27
Alameda County					
Hayward	0.19	0.21	0.29	0.39	0.52
Total	11.13	12.08	12.60	13.80	14.64
<i>Source: BAWSCA FY 2024-25 Annual Survey</i>					

Table 3E-5: Demand Projections by Source (in mgd)

Other Sources

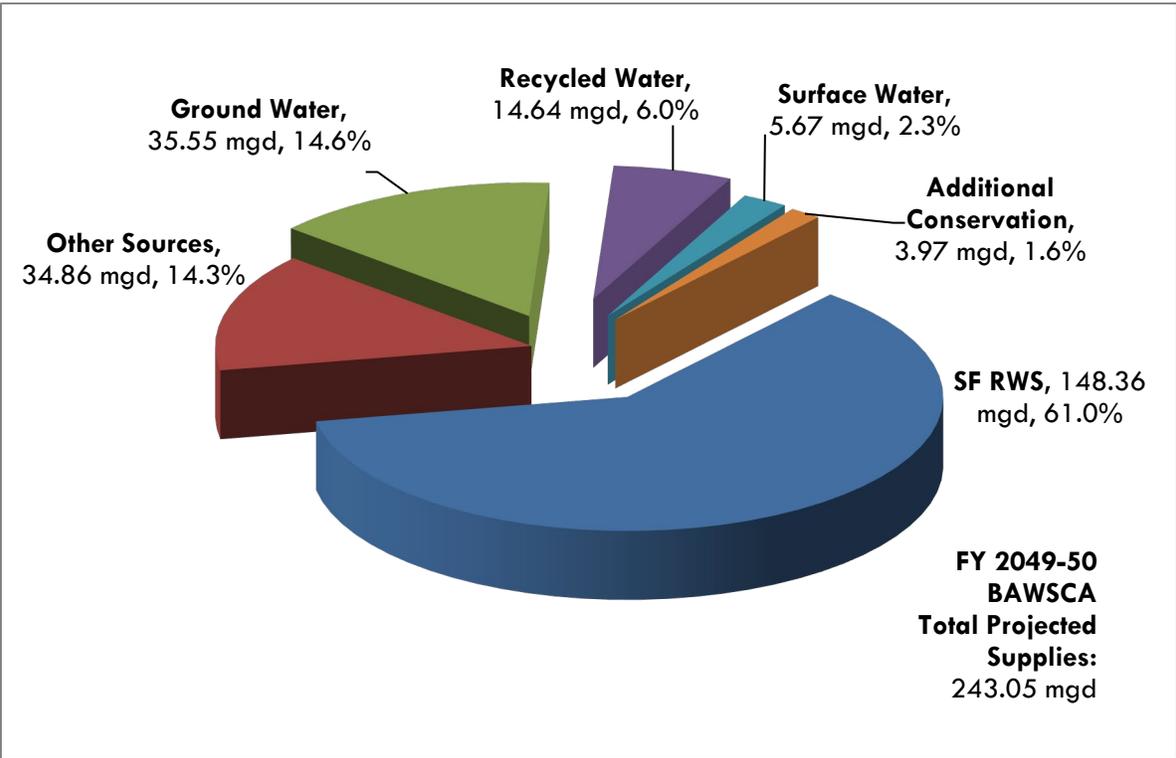
Member	FY 2029-30	FY 2034-35	FY 2039-40	FY 2044-45	FY 2049-2050
Santa Clara County					
Milpitas 1	2.91	3.18	3.44	3.60	3.77
Mountain View 1	0.82	0.82	0.82	0.82	0.82
San Bruno	0.04	0.04	0.04	0.00	0.00
Santa Clara 1	4.07	4.07	4.07	4.07	4.07
Stanford	1.07	1.08	1.08	1.09	1.10
Sunnyvale 1	8.34	10.02	10.65	10.86	11.08
Subtotal	17.25	19.21	20.10	20.44	20.84
Alameda County					
Alameda CWD 2	14.58	14.52	14.42	14.31	14.02
Total	31.83	33.73	34.52	34.75	34.86
1 Purchases from SCVWD					
2 Purchases from State Water Project and desalination					
<i>Source: BAWSCA FY 2024-25 Annual Survey</i>					

Table 3E-6: Demand Projections by Source (in mgd)
Summary

Source	FY 2029-30	FY 2034-35	FY 2039-40	FY 2044-45	FY 2049-2050
SF RWS	133.90	136.32	140.58	144.12	148.35
Groundwater	26.23	27.83	30.19	33.76	35.55
Surface Water	5.67	5.67	5.67	5.67	5.67
Recycled	11.13	12.08	12.60	13.80	14.64
Other	31.83	33.73	34.52	34.75	34.86
Additional Conservation	2.13	3.06	3.40	3.69	3.97
Total	210.89	218.69	226.96	235.79	243.05

Source: BAWSCA FY 2024-25 Annual Surveys

Figure 3E: Demand Projections by Source – FY 2045-46 (in mgd)



4. Current Water Use by Customer Class

Figure 4A: Potable Water Use by Customer Class – FY 2024-25

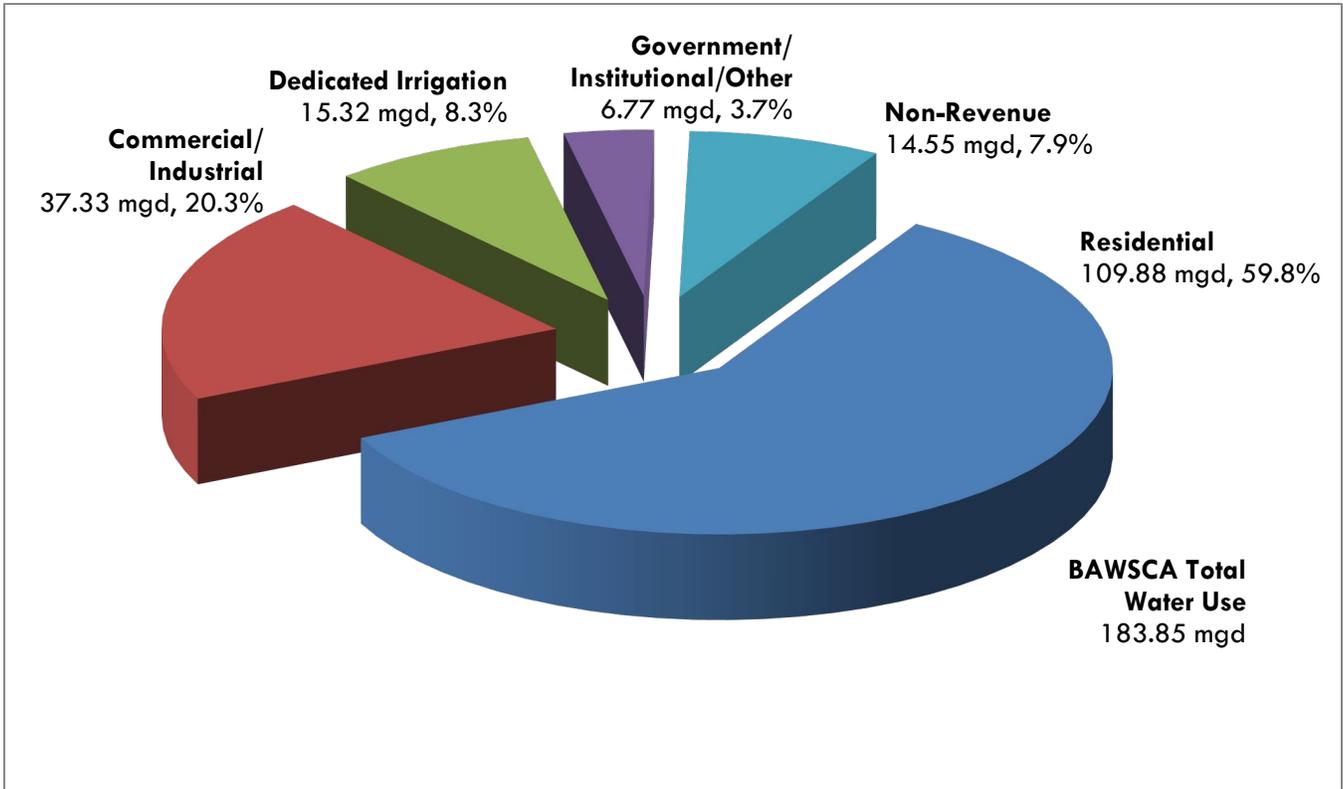


Figure 4B: Total Water Use by Customer Class – FY 2024-25

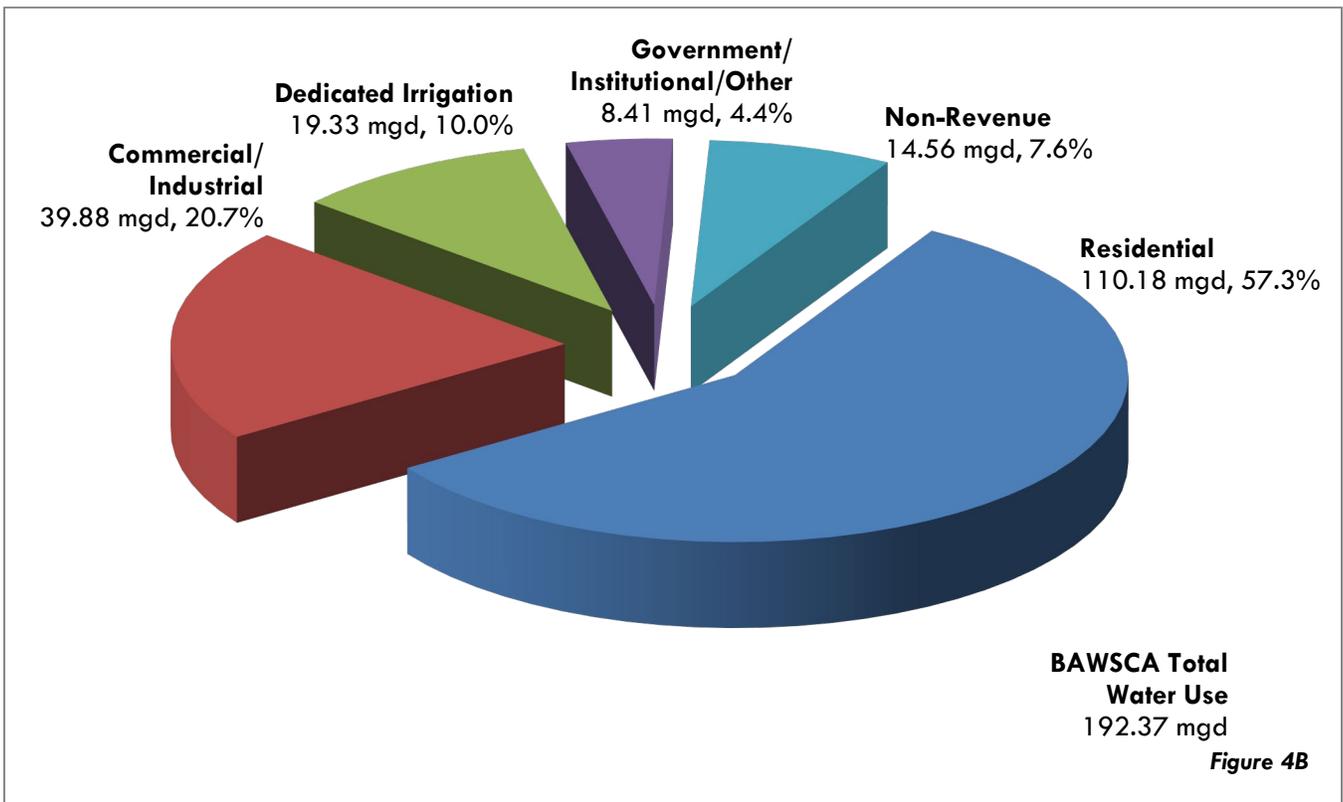


Figure 4B

Figure 4C: Potable Water Use by Sector for BAWSCA Agencies – FY 2024-25

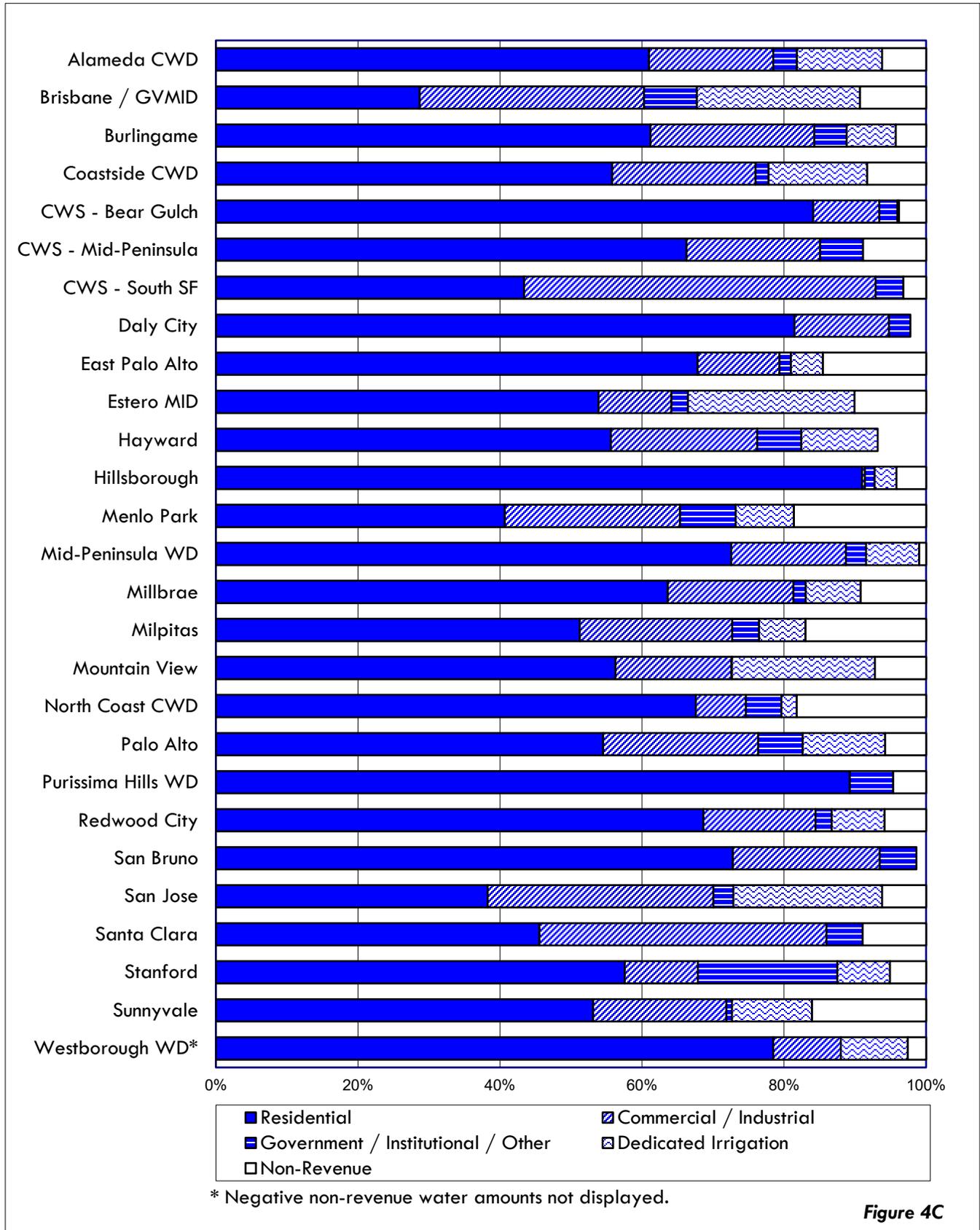


Figure 4C

Table 4A: Potable Water Use by Customer Class – FY 2024-25 (in ccf)

Member	Residential			Non-Residential					Dedicated Irrigation†	Non-Revenue Water‡	Total Potable Consumption	
	Single Family	Multiple Family	Subtotal	Commercial	Industrial	Comm'l/Ind'l Subtotal	Gov't/Instit'l/Other	Subtotal			Minus Recycled Water†	mgd
San Mateo County												
Brisbane / GVMID	80,544	15,705	96,249	105,975	0	105,975	25,047	131,022	77,091	31,149	335,511	0.69
Burlingame	638,191	339,642	977,833	368,290	0	368,290	72,335	440,624	110,955	68,124	1,597,536	3.27
CWS - Bear Gulch	4,188,819	129,434	4,318,253	475,940	1,361	477,301	130,535	607,836	12,762	195,444	5,134,295	10.52
CWS - Mid-Peninsula	3,003,861	874,134	3,877,995	1,086,889	14,763	1,101,652	353,758	1,455,410	0	518,609	5,852,015	11.99
CWS - South SF	1,005,412	193,250	1,198,662	1,247,063	119,445	1,366,508	107,434	1,473,942	0	88,493	2,761,097	5.66
Coastside CWD	380,107	39,623	419,730	151,768	0	151,768	13,782	165,550	104,364	62,309	751,953	1.54
Daly City	1,370,960	703,109	2,074,069	338,757	0	338,757	76,703	415,460	0	-56,376	2,433,153	4.99
East Palo Alto*	570,207	0	570,207	95,305	1,885	97,190	13,447	110,637	37,709	122,258	840,811	1.72
Esteros MID	412,144	648,837	1,060,981	180,413	21,526	201,939	45,731	247,670	461,930	198,240	1,968,821	4.03
Hillsborough	1,028,501	0	1,028,501	4,530	0	4,530	15,579	20,109	34,481	47,186	1,130,277	2.32
Menlo Park	377,907	165,297	543,204	161,360	168,391	329,751	104,711	434,462	109,520	248,421	1,335,607	2.74
Mid-Peninsula WD	623,105	214,440	837,545	158,426	27,590	186,016	32,786	218,802	86,498	11,138	1,153,983	2.36
Millbrae	408,604	164,441	573,045	159,469	0	159,469	15,597	175,066	69,776	82,990	900,877	1.85
North Coast CWD	654,756	145,973	800,729	83,537	0	83,537	59,352	142,889	25,660	215,827	1,185,105	2.43
Redwood City	1,771,873	856,199	2,628,072	580,523	24,626	605,149	87,389	692,538	285,242	222,967	3,828,819	7.85
San Bruno*	983,723	17,069	1,000,792	284,148	0	284,148	71,047	355,195	0	-18,825	1,337,162	2.74
Westborough	222,583	38,392	260,975	31,649	0	31,649	0	31,649	31,403	8,519	332,546	0.68
Subtotal	17,721,297	4,545,545	22,266,842	5,514,041	379,587	5,893,628	1,225,233	7,118,861	1,447,391	2,046,473	32,879,568	67.38
mgd equiv	36.32	9.32	45.63	11.30	0.78	12.08	2.51	14.59	2.97	4.19	67.38	
Santa Clara County												
Milpitas	1,102,141	934,290	2,036,431	450,483	402,995	853,478	150,712	1,004,190	259,347	674,769	3,974,737	8.15
Mountain View	1,018,007	1,371,737	2,389,744	581,991	112,818	694,809	2,884	697,693	855,188	305,568	4,248,193	8.71
Palo Alto	1,893,605	583,773	2,477,378	886,605	104,990	991,595	285,172	1,276,767	527,629	261,787	4,543,561	9.31
Purissima Hills WD	660,858	0	660,858	0	0	0	45,268	45,268	0	34,340	740,466	1.52
San Jose	79,769	669,759	749,528	148,239	474,109	622,348	54,961	677,309	410,635	121,064	1,958,536	4.01
Santa Clara	1,674,863	1,794,251	3,469,114	2,513,470	565,788	3,079,258	387,998	3,467,256	0	681,746	7,618,115	15.61
Stanford	150,798	294,801	445,599	827	78,939	79,766	151,811	231,577	57,621	39,258	774,055	1.59
Sunnyvale	2,288,497	2,281,328	4,569,826	1,613,287	0	1,613,287	69,154	1,682,441	970,331	1,380,639	8,603,237	17.63
Subtotal	8,868,539	7,929,939	16,798,478	6,194,902	1,739,639	7,934,541	1,147,960	9,082,501	3,080,751	3,499,171	32,460,900	66.52
mgd equiv	18.17	16.25	34.43	12.70	3.57	16.26	2.35	18.61	6.31	7.17	66.52	
Alameda County												
Alameda CWD	7,061,919	3,734,158	10,796,077	2,004,096	1,099,565	3,103,661	586,125	3,689,786	2,124,395	1,097,924	17,708,182	36.29
Hayward	2,374,739	1,383,521	3,758,260	495,017	787,524	1,282,541	342,527	1,625,068	822,607	457,488	6,663,423	13.66
Subtotal	9,436,658	5,117,679	14,554,337	2,499,113	1,887,089	4,386,202	928,652	5,314,854	2,947,002	1,555,412	24,371,605	49.95
mgd equiv	19.34	10.49	29.83	5.12	3.87	8.99	1.90	10.89	6.04	3.19	49.95	
Total	36,026,494	17,593,163	53,619,657	14,208,057	4,006,315	18,214,372	3,301,845	21,516,216	7,475,144	7,101,055	89,712,073	183.85
mgd equiv	73.83	36.05	109.88	29.12	8.21	37.33	6.77	44.09	15.32	14.55	183.85	
Single family amount includes multi-family. Percentage breakdown from prior FY was used to generate an estimated breakdown by customer class for East Palo Alto				† Dedicated Irrigation refers to separately metered irrigation usage and includes agriculture (except for CCWD)								
Source: BAWSCA FY 2024-25 Annual Survey				‡ Non-Revenue water calculated as difference between total production and total consumption.								
				‡ Total Potable Consumption minus recycled water.								

Table 4B: Total Water Use by Customer Class – FY 2024-25 (in ccf)

Member	Residential			Non-Residential					Dedicated Irrigation†	Non-Revenue Water‡	Total Consumption	
	Single Family	Multiple Family	Subtotal	Commercial	Industrial	Comm'l/Ind'l Subtotal	Gov't/Insti'l/Other	Subtotal			mgd	mgd
San Mateo County												
Brisbane / GVMID	80,544	15,705	96,249	105,975	0	105,975	25,047	131,022	77,091	31,149	335,511	0.69
Burlingame	638,191	339,642	977,833	368,290	0	368,290	72,335	440,624	110,955	68,124	1,597,536	3.27
CWS - Bear Gulch	4,188,819	129,434	4,318,253	475,940	1,361	477,301	130,535	607,836	12,762	195,444	5,134,295	10.52
CWS - Mid-Peninsula	3,003,861	874,134	3,877,995	1,086,889	14,763	1,101,652	353,758	1,455,410	0	518,609	5,852,015	11.99
CWS - South SF	1,005,412	193,250	1,198,662	1,247,063	119,445	1,366,508	107,434	1,473,942	0	88,493	2,761,097	5.66
Coastside CWD	380,107	39,623	419,730	151,768	0	151,768	13,782	165,550	104,364	62,309	751,953	1.54
Daly City	1,370,960	703,109	2,074,069	338,757	0	338,757	76,703	415,460	0	173,621	2,663,150	5.46
East Palo Alto*	570,207	0	570,207	95,305	1,885	97,190	13,447	110,637	37,709	122,258	840,811	1.72
Estero MID	412,144	648,837	1,060,981	180,413	21,526	201,939	45,731	247,670	461,930	198,240	1,968,821	4.03
Hillsborough	1,028,501	0	1,028,501	4,530	0	4,530	15,579	20,109	34,481	47,186	1,130,277	2.32
Menlo Park	377,907	165,297	543,204	161,360	168,391	329,751	104,711	434,462	109,520	248,421	1,335,607	2.74
Mid-Peninsula WD	623,105	214,440	837,545	158,426	27,590	186,016	32,786	218,802	86,498	11,138	1,153,983	2.36
Millbrae	408,604	164,441	573,045	159,469	0	159,469	15,597	175,066	69,776	82,990	900,877	1.85
North Coast CWD	654,756	145,973	800,729	83,537	0	83,537	82,559	166,096	25,660	205,245	1,197,730	2.45
Redwood City	1,771,873	856,199	2,628,072	584,661	32,931	617,592	88,971	706,563	542,195	218,892	4,095,722	8.39
San Bruno*	983,723	17,069	1,000,792	284,148	0	284,148	71,047	355,195	0	-18,825	1,337,162	2.74
Westborough	222,583	38,392	260,975	31,649	0	31,649	0	31,649	31,403	8,519	332,546	0.68
Subtotal	17,721,297	4,545,545	22,266,842	5,518,179	387,892	5,906,071	1,250,022	7,156,093	1,704,344	2,261,813	33,389,093	68.42
mgd equiv	36.32	9.32	45.63	11.31	0.79	12.10	2.56	14.67	3.49	4.64	68.42	
Santa Clara County												
Milpitas	1,102,141	934,290	2,036,431	450,483	402,995	853,478	150,712	1,004,190	672,504	674,769	4,387,894	8.99
Mountain View	1,018,007	1,371,737	2,389,744	617,583	112,818	730,401	3,391	733,792	1,064,750	335,214	4,523,500	9.27
Palo Alto	1,893,605	583,773	2,477,378	886,605	104,990	991,595	285,172	1,276,767	527,629	346,842	4,628,616	9.49
Purissima Hills WD	660,858	0	660,858	0	0	0	45,268	45,268	0	34,340	740,466	1.52
San Jose	79,769	669,759	749,528	148,239	628,178	776,417	54,969	831,386	638,949	182,731	2,402,594	4.92
Santa Clara	1,674,863	1,940,225	3,615,088	3,233,342	891,643	4,124,985	990,933	5,115,918	0	681,539	9,412,544	19.29
Stanford	150,798	294,801	445,599	827	78,939	79,766	228,231	307,997	517,671	52,458	1,323,725	2.71
Sunnyvale	2,288,497	2,281,328	4,569,826	1,613,287	0	1,613,287	69,154	1,682,441	1,361,131	989,839	8,603,237	17.63
Subtotal	8,868,539	8,075,913	16,944,452	6,950,366	2,219,563	9,169,929	1,827,830	10,997,759	4,782,634	3,297,732	36,022,576	73.82
mgd equiv	18.17	16.55	34.72	14.24	4.55	18.79	3.75	22.54	9.80	6.76	73.82	
Alameda County												
Alameda CWD	7,061,919	3,734,158	10,796,077	2,004,096	1,099,565	3,103,661	586,125	3,689,786	2,124,395	1,097,924	17,708,182	36.29
Hayward	2,374,739	1,383,521	3,758,260	495,017	787,524	1,282,541	438,807	1,721,348	822,607	449,544	6,751,759	13.84
Subtotal	9,436,658	5,117,679	14,554,337	2,499,113	1,887,089	4,386,202	1,024,932	5,411,134	2,947,002	1,547,468	24,459,941	50.13
mgd equiv	19.34	10.49	29.83	5.12	3.87	8.99	2.10	11.09	6.04	3.17	50.13	
Total	36,026,494	17,739,137	53,765,631	14,967,659	4,494,544	19,462,203	4,102,784	23,564,986	9,433,980	7,107,012	93,871,610	192.37
mgd equiv	73.83	36.35	110.18	30.67	9.21	39.88	8.41	48.29	19.33	14.56	192.37	
* Single family amount includes multi-family			† Dedicated Irrigation refers to separately metered irrigation usage and includes agriculture (except for CCWD)									
			‡ Non-Revenue water calculated as difference between total production and total consumption.									
Source: BAWSCA FY 2024-25 Annual Survey												

Table 4C: Number of Customer Accounts – FY 2024-25

Member	Residential			Commercial	Industrial	Ind/Comm Subtotal	Non-Residential		Dedicated Irrigation†	Total
	Single Family*	Multiple Family	Res Subtotal				Gov't, Other	Non-Res Subtotal		
San Mateo County										
Brisbane / GVMID	1,553	123	1,676	285	0	285	5	290	94	2,060
Burlingame	6,414	1,189	7,603	806	0	806	671	1,477	144	9,224
CWS - Bear Gulch	17,153	188	17,341	1,255	1	1,256	167	1,423	8	18,772
CWS - Mid-Peninsula	31,370	761	32,131	3,353	81	3,434	362	3,796	0	35,927
CWS - SSF	14,055	187	14,242	1,942	48	1,990	216	2,206	0	16,448
Coastside CWD	5,868	120	5,988	397	0	397	1,271	1,668	88	7,744
Daly City	20,274	1,932	22,206	907	0	907	328	1,235	0	23,441
East Palo Alto	3,684	0	3,684	147	24	171	23	194	49	3,927
Estero MID	4,537	2,716	7,253	184	52	236	266	502	508	8,263
Hillsborough	4,190	0	4,190	10	0	10	18	28	84	4,302
Menlo Park	3,360	194	3,554	181	191	372	338	710	135	4,399
Mid-Peninsula WD	7,270	205	7,475	417	46	463	71	534	90	8,099
Millbrae	5,765	238	6,003	412	0	412	81	493	12	6,508
North Coast CWD	11,191	300	11,491	341	0	341	704	1,045	94	12,630
Redwood City	19,407	1,699	21,106	1,746	54	1,800	973	2,773	463	24,342
San Bruno	9,569	1,012	10,581	971	0	971	138	1,109	0	11,690
Westborough WD	3,754	14	3,768	42	0	42	57	99	91	3,958
Subtotal	169,414	10,878	180,292	13,396	497	13,893	5,689	19,582	1,860	201,734
Santa Clara County										
Milpitas	12,432	1,915	14,347	614	281	895	671	1,566	807	16,720
Mountain View	13,213	2,301	15,514	1,162	310	1,472	42	1,514	1,084	18,112
Palo Alto	15,309	1,953	17,262	1,549	52	1,601	936	2,537	463	20,262
Purissima Hills WD	2,100	0	2,100	0	0	0	39	39	0	2,139
San Jose	1,159	280	1,439	186	288	474	91	565	397	2,401
Santa Clara	17,289	5,090	22,379	2,640	335	2,975	543	3,518	0	25,897
Stanford				Not Applicable						
Sunnyvale	23,650	1,786	25,436	1,971	0	1,971	1,194	3,165	979	29,580
Subtotal	85,152	13,325	98,477	8,122	1,266	9,388	3,516	12,904	3,730	115,111
Alameda County										
Alameda CWD	69,779	9,313	79,092	3,466	1,071	4,537	729	5,266	2,258	86,616
Hayward	30,868	1,242	32,110	1,671	1,234	2,905	1,838	4,743	1,496	38,349
Subtotal	100,647	10,555	111,202	5,137	2,305	7,442	2,567	10,009	3,754	124,965
Total	355,213	34,758	389,971	26,655	4,068	30,723	11,772	42,495	9,344	441,810
*Individually metered homes, townhouses, and condos				† Dedicated Irrigation refers to separately metered irrigation usage						
Source: BAWSCA FY 2024-25 Annual Survey										

Table 4D: Non-Potable Water Use by Customer Class – FY 2024-25

Member	Residential			Non-Residential					Dedicated Irrigation†	Unaccounted	Total Non-Potable Consumption	
	Single Family	Multiple Family	Subtotal	Commercial	Industrial	Comm'l/Ind'l Subtotal	Gov't/Insti'l/Other	Subtotal			mgd	mgd
San Mateo County												
Brisbane / GVMID	0	0	0	0	0	0	0	0	0	0	0	0.00
Burlingame	0	0	0	0	0	0	0	0	0	0	0	0.00
CWS - Bear Gulch	0	0	0	0	0	0	0	0	0	0	0	0.00
CWS - Mid-Peninsula	0	0	0	0	0	0	0	0	0	0	0	0.00
CWS - South SF	0	0	0	0	0	0	0	0	0	0	0	0.00
Coastside CWD	0	0	0	0	0	0	0	0	0	0	0	0.00
Daly City	0	0	0	0	0	0	0	0	0	229,997	229,997	0.47
East Palo Alto*	0	0	0	0	0	0	0	0	0	0	0	0.00
Estero MID	0	0	0	0	0	0	0	0	0	0	0	0.00
Hillsborough	0	0	0	0	0	0	0	0	0	0	0	0.00
Menlo Park	0	0	0	0	0	0	0	0	0	0	0	0.00
Mid-Peninsula WD	0	0	0	0	0	0	0	0	0	0	0	0.00
Millbrae	0	0	0	0	0	0	0	0	0	0	0	0.00
North Coast CWD	0	0	0	0	0	0	23,207	23,207	0	-10,582	12,625	0.03
Redwood City	0	0	0	4,138	8,305	12,443	1,582	14,025	256,953	-4,075	266,903	0.55
San Bruno*	0	0	0	0	0	0	0	0	0	0	0	0.00
Westborough	0	0	0	0	0	0	0	0	0	0	0	0.00
Subtotal	0	0	0	4,138	8,305	12,443	24,789	37,232	256,953	215,340	509,525	1.04
mgd equiv	0.00	0.00	0.00	0.01	0.02	0.03	0.05	0.08	0.53	0.44	1.04	
Santa Clara County												
Milpitas	0	0	0	0	0	0	0	0	413,157	0	413,157	0.85
Mountain View	0	0	0	35,592	0	35,592	507	36,099	209,562	29,646	275,307	0.56
Palo Alto	0	0	0	0	0	0	0	0	0	85,055	85,055	0.17
Purissima Hills WD	0	0	0	0	0	0	0	0	0	0	0	0.00
San Jose**	0	0	0	0	154,069	154,069	8	154,077	228,314	61,667	444,058	0.91
Santa Clara	0	145,974	145,974	719,872	325,855	1,045,727	602,935	1,648,662	0	-207	1,794,429	3.68
Stanford	0	0	0	0	0	0	76,420	76,420	460,050	13,200	549,670	1.13
Sunnyvale	0	0	0	0	0	0	0	0	390,800	-390,800	0	0.00
Subtotal	0	145,974	145,974	755,464	479,924	1,235,388	679,870	1,915,258	1,701,883	-201,439	3,561,676	7.30
mgd equiv	0.00	0.30	0.30	1.55	0.98	2.53	1.39	3.92	3.49	-0.41	7.30	
Alameda County												
Alameda CWD	0	0	0	0	0	0	0	0	0	0	0	0.00
Hayward	0	0	0	0	0	0	96,280	96,280	0	-7,944	88,336	0.18
Subtotal	0	0	0	0	0	0	96,280	96,280	0	-7,944	88,336	0.18
mgd equiv	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.00	-0.02	0.18	
Total	0	145,974	145,974	759,602	488,229	1,247,831	800,939	2,048,770	1,958,836	5,957	4,159,537	8.52
mgd equiv	0.00	0.30	0.30	1.56	1.00	2.56	1.64	4.20	4.01	0.01	8.52	
* Single family amount includes multi-family			† Dedicated Irrigation refers to separately metered irrigation usage and includes agriculture									

Source: BAWSCA FY 2024-25 Annual Survey

5. Climatological Data

Table 5A: Climatological Data

Rainfall				
	Precipitation (Inches)			
	Redwood City*	San Jose Union City	SF Airport	
Historical Avg (1906-2025)				
	18.9	12.8	14.3	19.6
Recent Past				
FY 2019-20	9.5	7.3	7.1	9.2
FY 2020-21	6.31	5.3	1.9	7.3
FY 2021-22	16.0	7.3	11.2	18.2
FY 2022-23	34.7	15.9	13.5	31.7
FY 2023-24	18.6	17.1	16.9	20.2
FY 2024-25	14.3	9.3	10.6	16.2
FY 2024-25 Deviation from Historical Avg				
	-4.5	-3.5	-3.8	-3.4
Temperature				
	Average Maximum Temperature (Degrees F)			
	Redwood City*	San Jose Union City	SF Airport	
Historical Avg (1948-2025)				
Annual	71.1	70.5	69.4	65.6
Summer**	81.1	79.8	77.8	71.3
Recent Past				
2019-20 Annual	71.5	72.8	68.1	68.5
Summer**	81.4	82.3	76.4	75.7
2020-21 Annual	71.7	72.9	69.9	68.6
Summer**	82.1	83.3	78.3	75.6
2021-22 Annual	71.1	72.9	72.1	67.0
Summer**	79.8	81.2	80.3	72.9
2022-23 Annual	69.3	69.9	69.2	65.4
Summer**	81.6	82.7	81.9	74.1
2023-24 Annual	70.8	74.1	71.5	67.8
Summer**	80.3	82.5	81.5	73.9
2024-25 Annual	72.3	73.9	70.2	66.3
Summer**	81.2	85.1	79.2	71.7
FY 2024-25 Deviation From Historical Avg				
Annual	1.2	3.4	0.7	0.8
Summer**	0.1	5.3	1.5	0.4
*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				

Figure 5A: Total Annual Precipitation

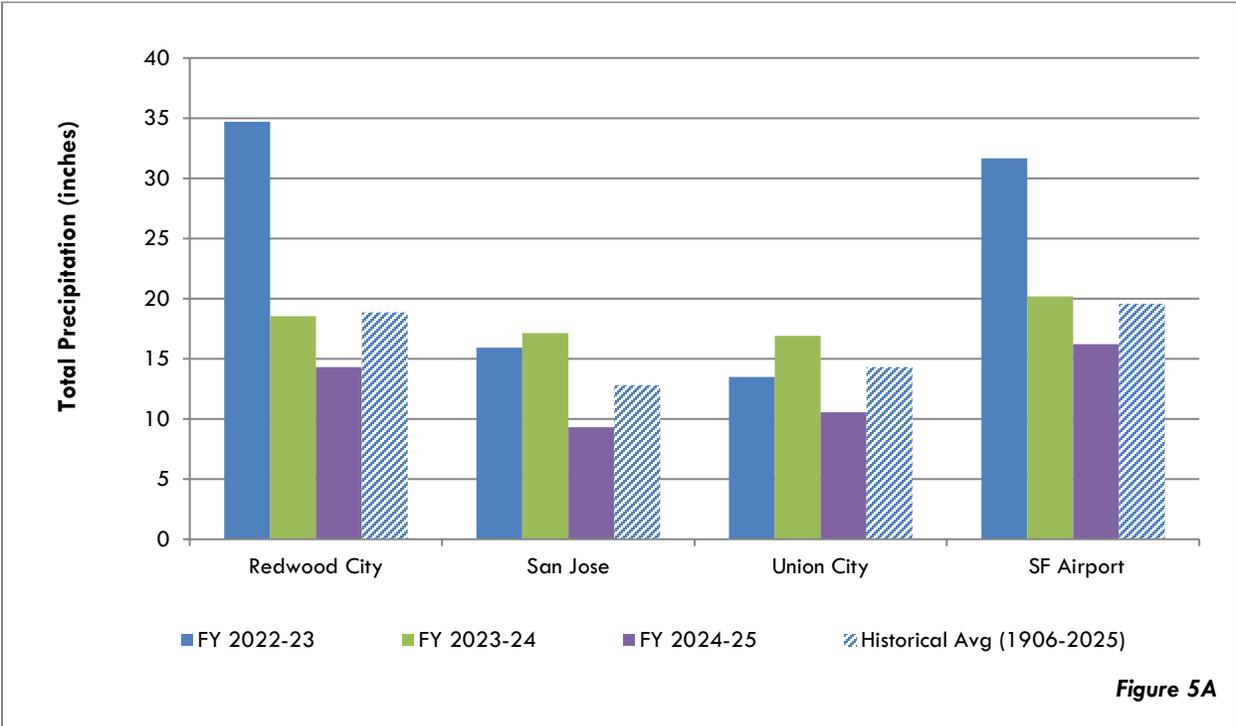


Figure 5A

Figure 5B: Average Maximum Daily Temperature

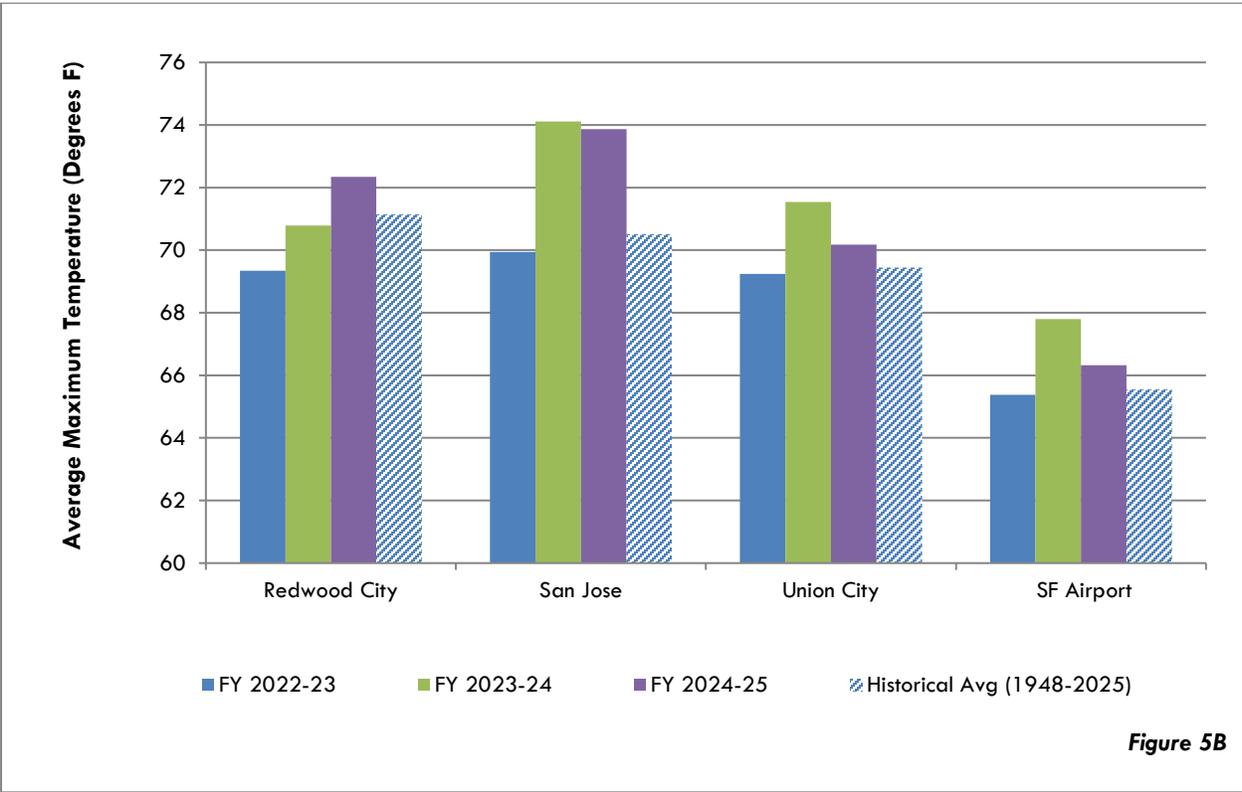


Figure 5B

6. Service Area Populations

Table 6: BAWSCA Service Area Populations

												Projections				
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2029-30	FY 2034-35	FY 2039-40	FY 2044-45	FY 2049-50
San Mateo County																
Brisbane/GVMID	4,282	4,562	4,156	4,573	4,587	4,657	4,598	4,851	4,851	4,862	4,874	5,570	6,312	7,395	7,819	8,132
Burlingame	32,993	31,109	31,109	31,109	31,109	31,109	32,407	32,407	31,080	31,457	32,870	33,905	34,940	39,064	43,189	47,314
CWS - Bear Gulch	59,883	59,883	60,513	60,719	60,827	60,827	60,814	60,903	60,982	61,175	61,431	60,978	61,580	62,189	62,803	63,424
CWS - Mid-Peninsula	133,679	133,679	135,455	135,943	138,419	137,217	137,487	137,490	137,660	137,628	137,693	144,523	150,975	157,704	164,724	171,840
CWS - South SF	61,223	61,223	61,769	62,039	62,894	62,894	63,319	63,702	64,062	64,121	64,146	66,193	69,591	71,522	73,509	75,555
Coastside CWD	16,668	16,704	16,704	16,776	16,811	18,738	18,789	18,839	18,890	18,940	19,033	19,309	19,584	20,665	21,745	22,825
Daly City	108,510	109,139	109,139	109,139	109,139	106,638	106,638	107,197	107,000	98,000	102,155	101,039	101,389	105,387	109,386	113,384
East Palo Alto	29,143	24,424	26,181	26,181	26,181	26,181	25,935	25,935	29,519	27,638	29,143	26,177	27,600	28,664	29,727	30,791
Estero MID	37,088	37,165	37,518	37,687	37,687	37,687	37,687	33,056	37,443	35,556	35,556	38,187	37,818	38,105	38,393	38,680
Guadalupe Valley	Included with Brisbane															
Hillsborough	10,869	10,869	10,869	10,869	10,869	10,869	11,397	11,397	11,592	11,766	11,356	11,356	11,356	11,356	11,356	11,356
Menlo Park	15,342	16,066	16,066	17,071	17,648	18,224	19,297	21,340	20,319	21,340	21,340	20,629	22,007	23,386	24,764	26,143
Mid-Peninsula WD	26,730	26,730	26,924	26,924	26,924	26,924	27,560	29,260	30,159	30,609	30,834	31,404	31,749	32,437	33,125	33,813
Millbrae	21,532	22,848	22,848	22,848	23,168	22,832	22,848	22,277	21,579	22,087	23,000	26,126	28,695	29,566	30,438	31,310
North Coast CWD	40,000	40,000	40,000	40,000	40,000	38,546	38,331	37,533	37,082	36,426	37,370	41,012	43,731	46,450	46,715	46,980
Redwood City	87,059	87,023	87,023	87,023	87,023	90,518	89,037	89,037	90,928	91,874	92,819	90,693	91,845	96,527	101,209	105,891
San Bruno	43,798	44,409	44,409	44,409	44,409	44,409	44,409	44,409	43,910	44,745	42,054	46,148	49,002	54,160	59,318	64,477
Skyline	Included with CWS - Bear Gulch															
Westborough WD	13,260	14,050	14,050	12,703	12,703	13,466	13,466	13,486	13,486	13,486	13,486	14,022	14,558	15,094	15,630	16,166
Subtotal	742,060	739,883	744,733	746,013	750,398	750,973	754,019	753,119	760,542	751,710	759,160	777,271	802,733	839,672	873,850	908,080
Santa Clara County																
Milpitas	70,800	75,521	77,528	78,106	74,865	77,961	77,961	80,839	81,067	81,773	81,773	96,944	109,808	118,877	127,946	137,014
Mountain View	76,413	75,430	77,801	79,027	79,492	79,772	82,814	81,764	81,501	81,501	84,413	100,200	116,100	126,800	137,500	148,200
Palo Alto	66,152	68,020	66,930	67,320	67,709	67,082	66,573	67,973	68,624	67,901	67,231	88,509	91,532	91,532	91,532	91,532
Purissima Hills WD	6,140	6,150	6,150	6,150	6,150	6,150	6,822	6,150	6,245	6,245	6,252	6,098	5,945	5,934	5,922	5,911
San Jose**	15,948	9,059	13,733	16,084	16,032	35,468	37,991	40,514	43,036	45,559	48,082	66,997	85,912	118,181	150,450	182,720
Santa Clara	120,973	120,973	123,752	129,604	129,604	129,604	130,746	130,746	132,476	130,746	134,587	149,791	164,995	176,207	187,419	198,630
Stanford*	30,486	30,943	31,558	32,218	32,578	32,075	13,629	32,235	33,827	37,329	36,867	44,067	48,122	50,822	53,622	56,422
Sunnyvale	148,028	148,372	149,831	153,389	155,567	156,503	153,827	156,503	156,317	157,566	159,673	163,373	172,026	182,374	192,722	203,069
Subtotal	534,940	534,468	547,283	561,898	561,997	584,615	570,363	596,724	603,093	608,620	618,878	715,979	794,441	870,727	947,113	1,023,499
Alameda County																
Alameda CWD	344,000	348,000	350,538	356,000	356,160	356,823	358,246	344,855	344,000	344,000	347,000	351,554	358,116	364,678	371,240	410,372
Hayward	152,889	158,985	158,985	160,500	160,500	160,500	160,311	160,591	162,954	162,954	162,954	193,603	200,657	208,000	215,644	223,603
Subtotal	496,889	506,985	509,523	516,500	516,660	517,323	518,557	505,446	506,954	506,954	509,954	545,157	558,773	572,678	586,884	633,975
Total	1,773,889	1,781,336	1,801,539	1,824,411	1,829,055	1,852,911	1,842,939	1,855,289	1,870,589	1,867,284	1,887,992	2,038,407	2,155,947	2,283,076	2,407,847	2,565,554
*Stanford FY 2020-21 service year population lower than normal due to many faculty, staff, and students being off campus due to COVID-19.																
**In FY 2019-20 San Jose engaged a consultant (Brown & Caldwell) to conduct a population study of the entire Muni Water Service Area (north and south). The methodology employed by the consultant relies on more granular data than previous population estimations. The new methodology was reviewed and approved by the Dept. of Water Resources, as this will impact UWMP/SBX7-7 reporting.																
Source: BAWSCA Annual Surveys																

7. Current Water Use Per Capita

Figure 7A-1: Residential Per Capita Consumption - FY 2024-25 (in gpcd)

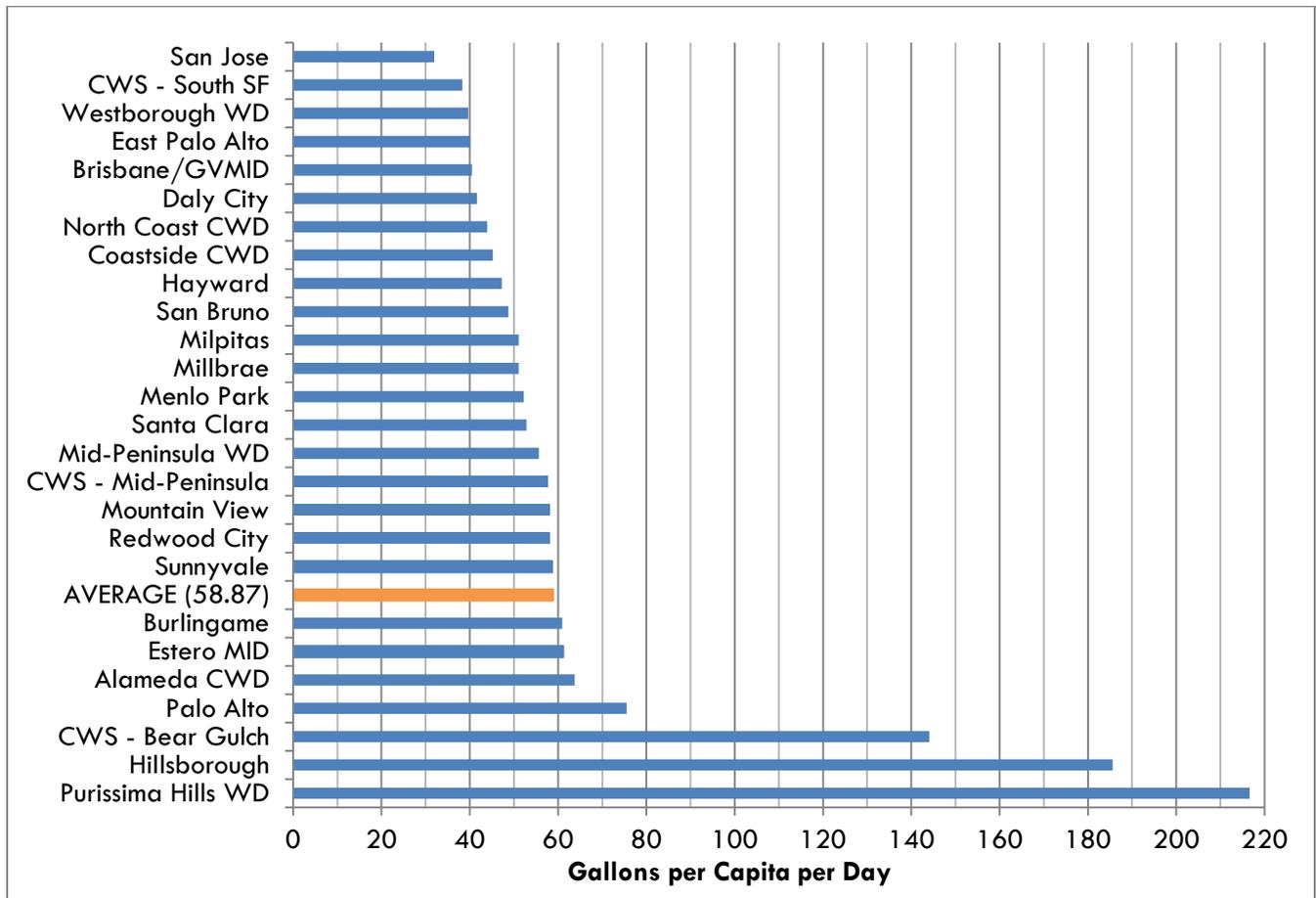


Figure 7A-2: Residential Per Capita Consumption (in gpcd) Distributed by Percentage of Population- FY 2024-25

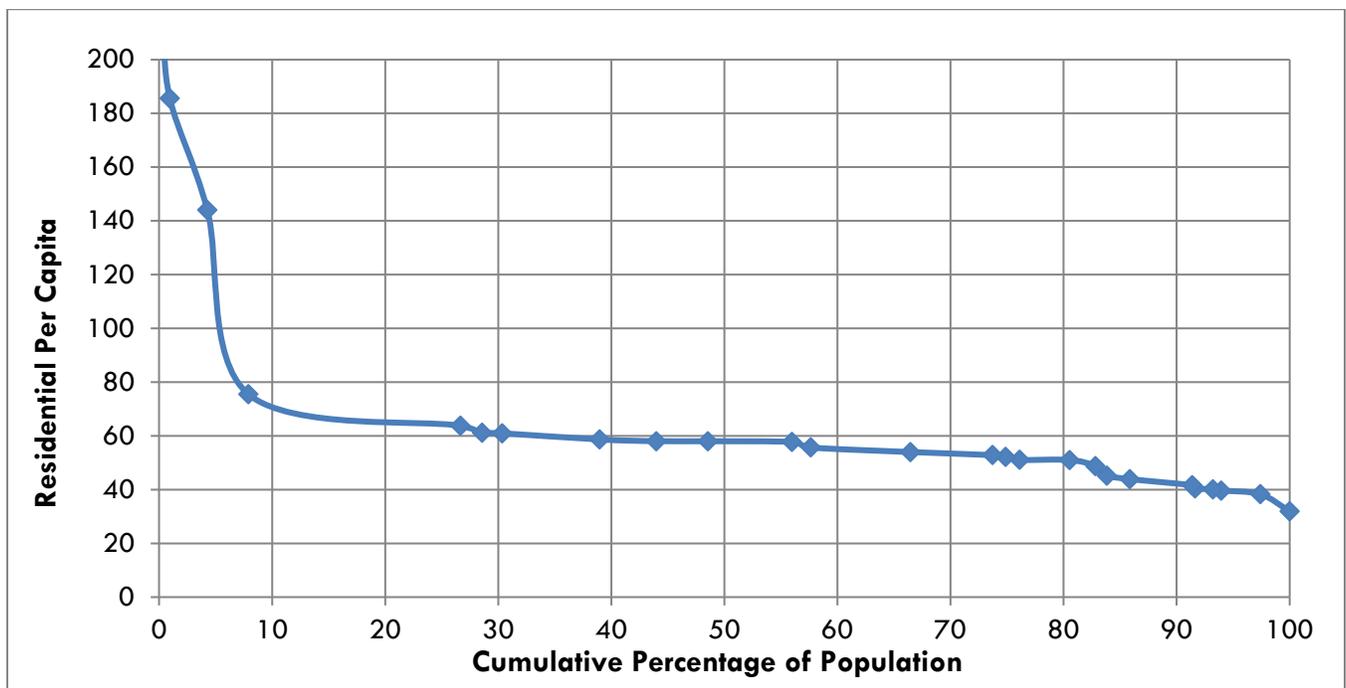


Figure 7B: Gross Per Capita Consumption(in gpcd) – FY 2024-25

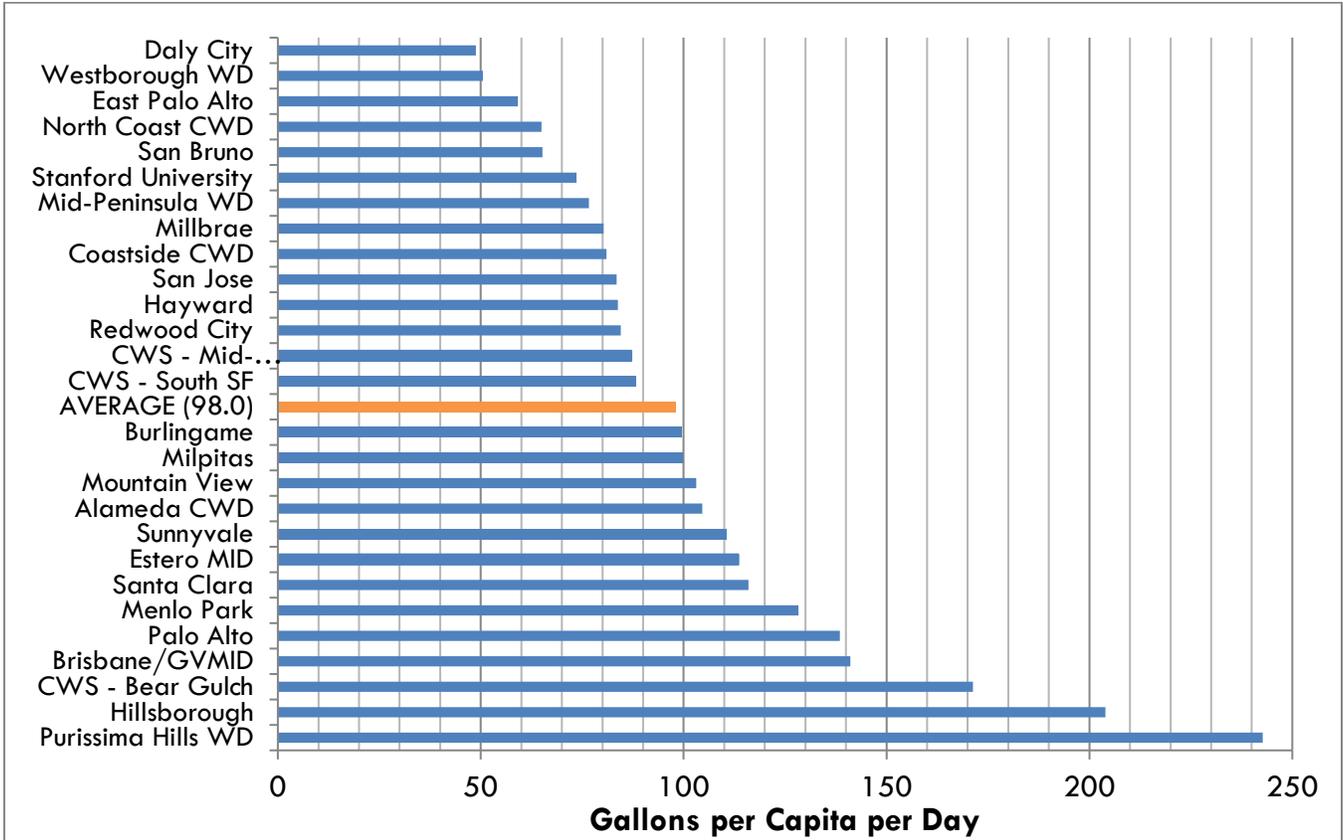


Figure 7C: Historical BAWSCA/BAWUA Per Capita Consumption (in gpcd) - 1975-96 to Present

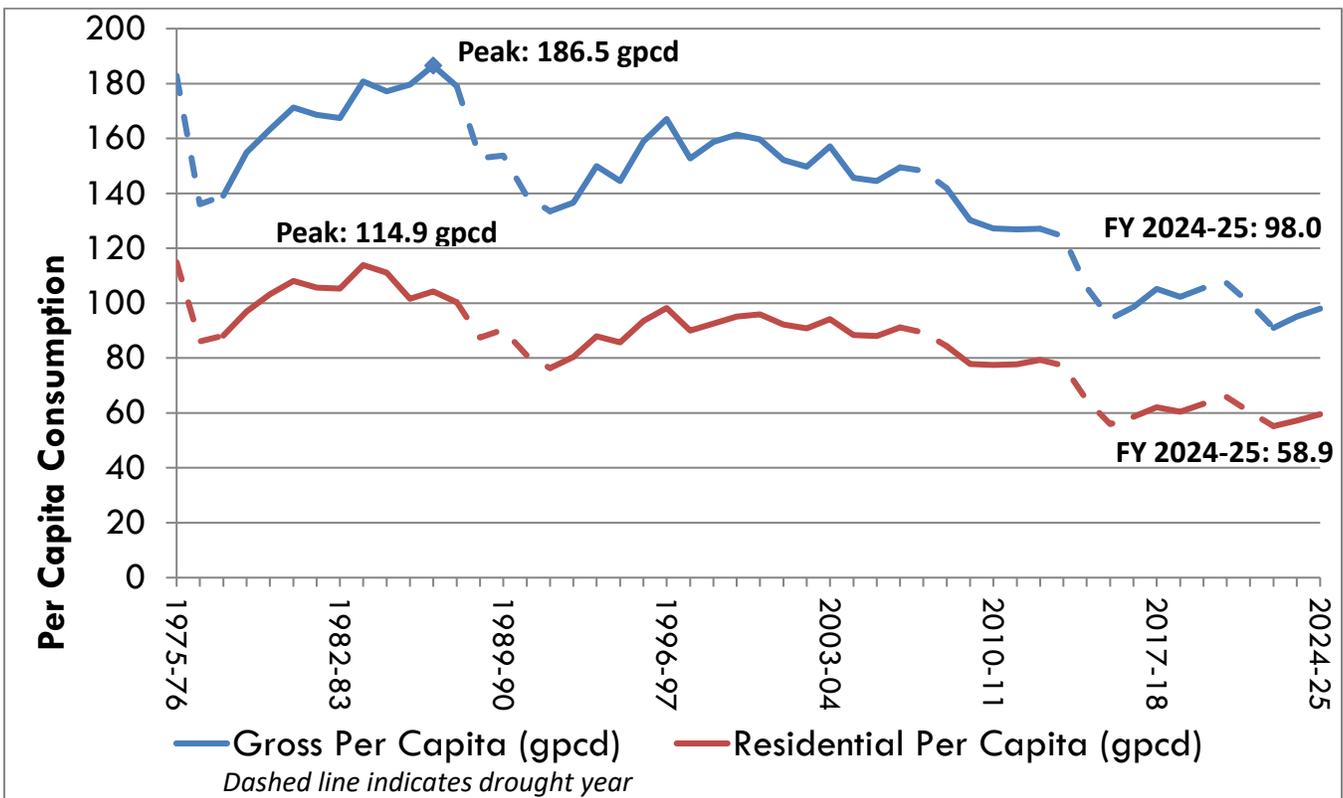


Table 7A: Residential Per Capita Consumption and Single-Family Average Monthly Use Among BAWSCA Members - FY 2024-25

Member	Service Area Population	Residential Consumption* (ccf)	*Residential Per Capita Consumption (gpcd)	**Single-Family Average Monthly Use (ccf)
San Jose	48,082	749,528	32	5.7
CWS - South SF	64,146	1,198,662	38	6.0
Westborough WD	13,486	260,975	40	4.9
East Palo Alto***	29,143	570,207	40	12.9
Brisbane/GVMID	4,874	96,249	40	4.3
Daly City	102,155	2,074,069	42	5.6
North Coast CWD	37,370	800,729	44	4.9
Coastside CWD	19,033	419,730	45	5.4
Hayward	162,954	3,758,260	47	6.4
San Bruno	42,054	1,000,792	49	8.6
Milpitas	81,773	2,036,431	51	7.4
Millbrae	23,000	573,045	51	5.9
Menlo Park	21,340	543,204	52	9.4
Santa Clara	134,587	3,469,114	53	8.1
Mid-Peninsula WD	30,834	837,545	56	7.1
CWS - Mid-Peninsula	137,693	3,877,995	58	8.0
Mountain View	84,413	2,389,744	58	6.4
Redwood City	92,819	2,628,072	58	7.6
Sunnyvale	159,673	4,569,826	59	8.1
Burlingame	32,870	977,833	61	8.3
Esteros MID	35,556	1,060,981	61	7.6
Alameda CWD	347,000	10,796,077	64	8.4
Palo Alto	67,231	2,477,378	76	10.3
CWS - Bear Gulch	61,431	4,318,253	144	20.4
Hillsborough	11,356	1,028,501	186	20.5
Purissima Hills WD	6,252	660,858	217	26.2
Agency Totals	1,851,125	53,174,058		
Average Residential Per Capita Consumption			58.87	
Average Single Family Monthly Use				9.0
*Includes multi-family and single family accounts. Excludes recycled water.				
**Individually metered single family homes, townhouses, and condos.				
***East Palo Alto reports multi-family with single family use.				
Notes: Due to its unique service area, Stanford is excluded.				
Source: BAWSCA FY 2024-25 Annual Survey				

Table 7B: Gross Per Capita Consumption Among BAWSCA Members - FY 2024-25

California Water Service (CWS) is separated into its three service areas.			
	Service Area	*Total Consumption (ccf)	Gross Per Capita Consumption (gpcpd)
Member	Population		
Daly City	102,155	2,433,153	48.8
Westborough WD	13,486	332,546	50.5
East Palo Alto	29,143	840,811	59.1
North Coast CWD	37,370	1,185,105	65.0
San Bruno	42,054	1,337,162	65.2
Stanford University	36,867	1,323,725	73.6
Mid-Peninsula WD	30,834	1,153,983	76.7
Millbrae	23,000	900,877	80.3
Coastside CWD	19,033	751,953	81.0
San Jose**	48,082	1,958,536	83.5
Hayward	162,954	6,663,423	83.8
Redwood City	92,819	3,828,819	84.5
CWS - Mid-Peninsula	137,693	5,852,015	87.1
CWS - South SF	64,146	2,761,097	88.2
Burlingame	32,870	1,597,536	99.6
Milpitas	81,773	3,974,737	99.6
Mountain View	84,435	4,248,193	103.1
Alameda CWD	347,000	17,708,182	104.6
Sunnyvale	159,673	8,603,237	110.4
Esterro MID	35,556	1,968,821	113.5
Santa Clara	134,587	7,618,115	116.0
Menlo Park	21,340	1,335,607	128.3
Palo Alto	67,231	4,543,561	138.5
Brisbane/GVMID***	4,874	335,511	141.1
CWS - Bear Gulch	61,431	5,134,295	171.3
Hillsborough	11,356	1,130,277	204.0
Purissima Hills WD	6,252	740,466	242.7
Totals	1,888,014	90,261,743	
		Average gpcpd	98.0
		Median of Agencies	88.2
*Exclusive of recycled water; inclusive of unaccounted for water.			
**Service area predominantly commercial/industrial.			
***The small residential population base for Brisbane/GVMID artificially inflates the GPCD.			
Source: BAWSCA FY 2024-25 Annual Survey			

Table 7C: 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
2010-11	1,701,756	216.4	127.2	77.4
2011-12	1,709,230	216.8	126.8	77.7
2012-13	1,724,014	219.1	127.1	79.3
2013-14	1,742,697	216.7	124.3	77.3
2014-15	1,773,889	187.5	105.7	64.7
2015-16	1,781,530	168.1	94.3	55.9
2016-17	1,801,539	177.6	98.6	58.6
2017-18	1,825,063	192.0	105.2	62.0
2018-19	1,827,189	187.1	102.3	60.5
2019-20	1,852,911	195.5	105.5	63.4
2020-21	1,842,939	197.7	107.3	65.8
2021-22	1,855,289	185.2	99.8	60.3
2022-23	1,870,589	169.5	90.6	55.1
2023-24	1,867,284	177.6	95.1	57.2
2024-25	1,887,992	185.0	98.0	58.9

*All BAWUA/BAWSCA agencies reporting, including Stanford.

**Water usage totals include unaccounted for water; exclude recycled 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

8. Current Residential Water Bills

Figure 8A: Single Family Water Bills Based on Average Monthly Use, Using Rates in Effect for FY 2024-25

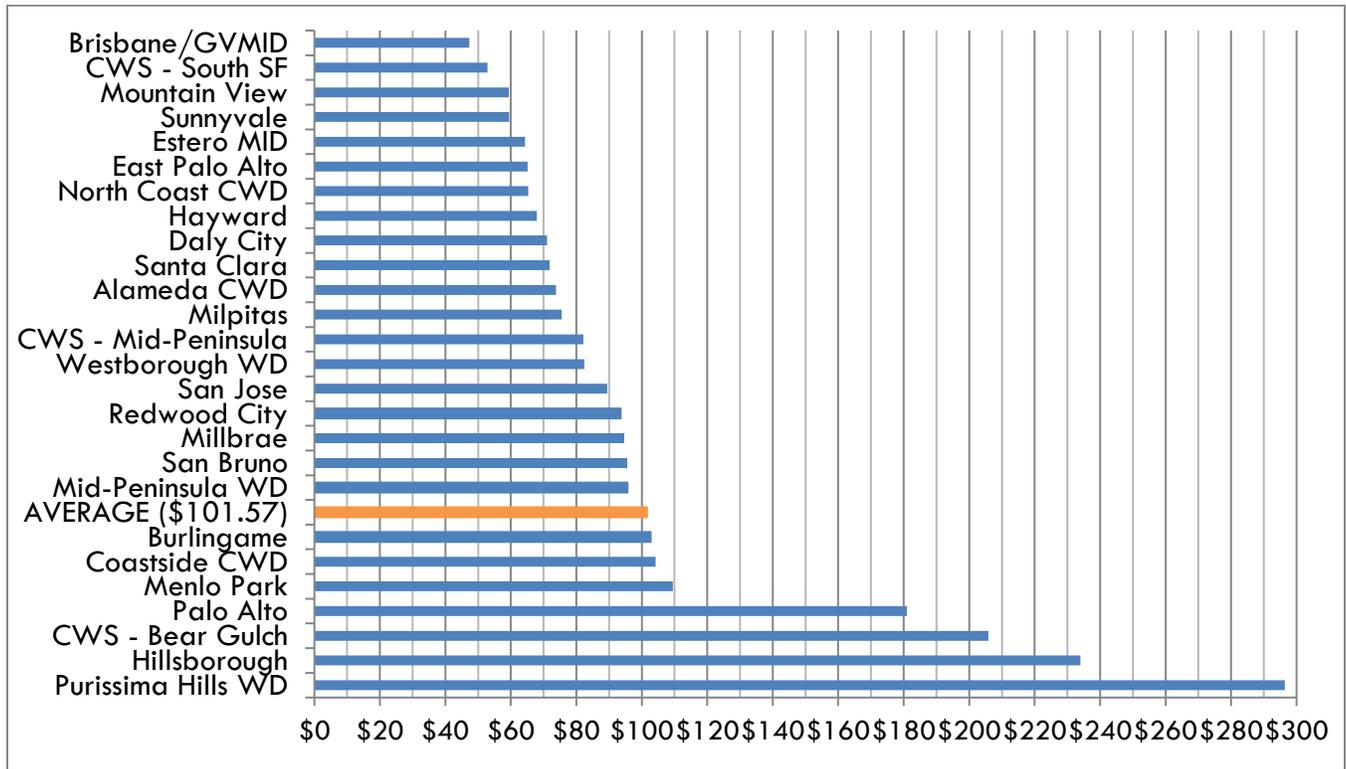


Figure 8B: Historical and Current SF RWS Wholesale Water Rates and BAWSCA Bond Surcharges FY 1985-85 to Present

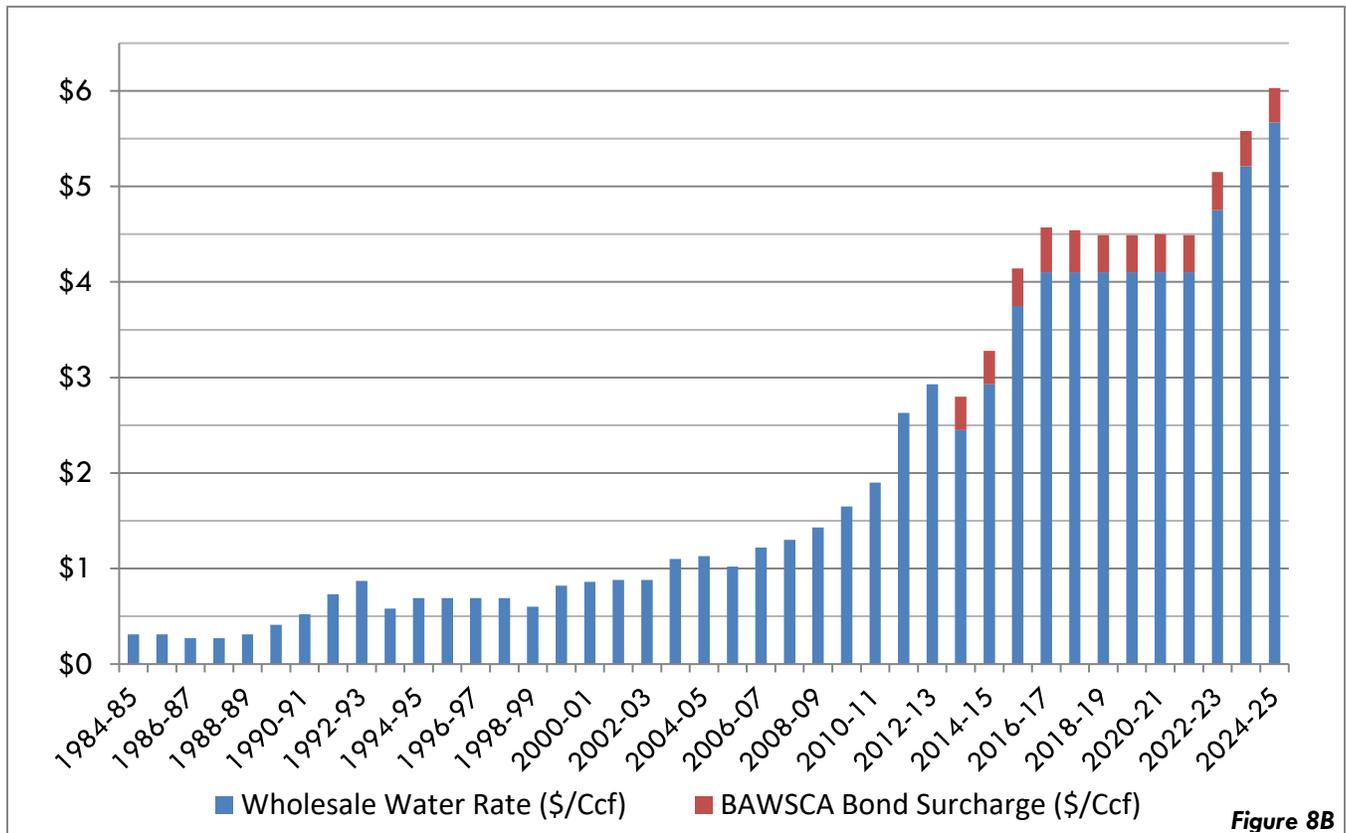


Figure 8B

Table 8A: Single Family Water Bills* Based on Average Monthly Use for 2023-24, Using Rates in Effect for FY 2024-25
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 Agencies Average Monthly Bill
Brisbane/GVMID	4.3		\$47.30
CWS - South SF		6.0	\$52.90
Mountain View	6.4		\$59.35
Sunnyvale	8.1		\$59.53
Estero MID		7.6	\$64.39
East Palo Alto	12.9		\$65.08
North Coast CWD		4.9	\$65.29
Hayward	6.4		\$67.90
Daly City	5.6		\$71.07
Santa Clara	8.1		\$71.85
Alameda CWD		8.4	\$73.79
Milpitas	7.4		\$75.55
CWS - Mid-Peninsula		8.0	\$82.15
Westborough WD		4.9	\$82.44
San Jose	5.7		\$89.42
Redwood City	7.6		\$93.54
Millbrae	5.9		\$94.56
San Bruno	8.6		\$95.54
Mid-Peninsula WD		7.1	\$95.62
Burlingame	8.3		\$102.71
Coastside CWD		5.4	\$104.19
Menlo Park	9.4		\$109.47
Palo Alto	10.3		\$180.95
CWS - Bear Gulch		20.4	\$205.90
Hillsborough	20.5		\$234.01
Purissima Hills WD		26.2	\$296.41
	8.5	9.9	\$101.57
* 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 2024-25 Annual Survey			

Table 8B: Single Family Water Bills* Based on Average Monthly Use for FY 2024-25, Using Rates in Effect for FY 2024-25

Inclusive of Service Charge (1 of 3)

Member/ Average Monthly Use (Units)	Billing Cycle	Service Charge	Rate per ccf	Rate Blocks (ccf)			Total Monthly Bill	Remarks	
Alameda CWD 8.4	2	\$63.75	\$4.97				\$73.79	Effective:	2024-03-01
Brisbane/Guadalupe Valley MID 4.3	2	\$36.17	\$6.76	2	-	20	\$47.30	Effective:	2024-06-15
		3/4" meter		0	-	0			
Burlingame 8.3	2	\$84.03	\$7.32	0	-	4000	\$102.71	Effective:	2023-01-01
		5/8" and 3/4" meters	\$8.21	4001	-	8000			
		<i>*Rate blocks are per gallon*</i>	\$9.11	8001	-	16000			
			\$10.01	16001	-	24000			
			\$10.91	24001	+				
CWS - Bear Gulch 20.4	1	\$44.59	\$2.55	1	-	6	\$205.90	Effective:	2024-05-01
		5/8 inch meter	\$10.18	7	-	18			
			\$12.72	19	+				
CWS - Mid Peninsula 8.0	1	\$30.88	\$3.69	1	-	6	\$82.15	Effective:	2025-04-12
		5/8 inch meter	\$14.70	7	-	9			
			\$18.37	10	+				
CWS - South San Francisco 6.0	1	\$30.88	\$3.69	1	-	6	\$52.90	Effective:	2025-04-01
		5/8 inch meter	\$14.70	7	-	9			
			\$18.37	10	+				
Coastside CWD 5.4	1	\$38.36	\$12.31	1	-	4	\$104.19	Effective:	2025-01-20
			\$18.29	5	-	8			
			\$22.15	9	+				
Daly City 5.6	2	\$58.85	\$7.39	0	-	13	\$71.07	Effective:	2024-07-01
		Meter size 5/8" & 3/4"	\$9.78	14	26				
			\$8.68	27	+				
East Palo Alto 12.9	1	\$18.33	\$8.67	0	-	100000	\$65.08	Effective:	2025-01-20
		5/8" Meter							
Estero MID 7.6	2	\$28.85	\$6.60	0	-	20	\$64.39	Effective:	2025-07-01
		5/8" Meter	\$7.80	20	+				

* Average single family use among BAWSCA agencies varies from 4.2 to 24.2 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.

**Table 8B: Single Family Water Bills* Based on Average Monthly Use for FY 2024-25, Using Rates in Effect for FY 2024-25
Inclusive of Service Charge (2 of 3)**

Member/ Average Monthly Use (Units)	Billing Cycle	Service Charge	Rate per ccf	Rate Blocks (ccf)			Total Monthly Bill	Remarks
Hayward	2	\$39.00	\$7.55	1	-	8	\$67.90	Effective: 2024-07-01
6.4		5/8" meter	\$8.96	9	-	18		
			\$11.00	18	+			
Hillsborough	2	\$161.18	\$7.50	0	-	22	\$234.01	Effective: 2025-01-01
20.5		Up to 3/4" Meter	\$9.48	22	-	44		
			\$15.54	44	-	78		
Menlo Park	1	\$31.93	\$5.89	1	-	6	\$109.47	Effective: 2024-07-01
9.4		5/8" and 3/4"	\$7.90	6	-			
Mid-Peninsula WD	1	\$28.00	\$7.43	0	-	2	\$95.62	Effective: 2024-07-01
7.1		5/8"	\$10.26	3	-	8		
			\$12.17	9	-	20		
			\$14.07	21	+			
Millbrae	2	\$30.00	\$13.47				\$94.56	Effective: 2025-01-20
5.9								
Milpitas	2	\$38.21	\$7.64				\$75.55	Effective: 2025-07-01
7.4		5/8"						
Mountain View	2	\$20.20	\$7.67	0	-	3	\$59.35	Effective: 2024-07-01
6.4		5/8" & 3/4	\$8.85	3	-	15		
			\$13.80	15	+			
North Coast CWD	2	\$58.43	\$7.40	0	-	5	\$65.29	Effective: 2024-07-01
4.9			\$10.79	6	-	10		
			\$14.35	11	-	19		
			\$17.49	20	+			
Palo Alto	1	\$27.63	\$9.29	0	-	6	\$180.95	Effective: 2025-07-01
10.3		5/8" Meter	\$13.94	7	+			
Purissima Hills WD	1	\$41.67	\$8.13	1	-	10	\$296.41	Effective: 2024-01-01
26.2		3/4" meter	\$10.69	11	-	29		
			\$14.86	30	-	58		
			\$19.07	59	-	1000		

* Average single family use among BAWSCA agencies varies from 4.2 to 24.2 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.

Table 8B: Single Family Water Bills* Based on Average Monthly Use for FY 2024-25, Using Rates in Effect for FY 2024-25

Inclusive of Service Charge (3 of 3)

Member/ Average Monthly Use (Units)	Billing Cycle	Service Charge	Rate per ccf	Rate Blocks (ccf)			Total Monthly Bill	Effective:	Remarks
Redwood City 7.6	2	\$82.09	\$6.90	0	-	10	\$93.54	Effective:	2025-01-01
			\$7.89	11	-	14			
			\$10.30	15	-	20			
			\$15.59	21	+				
San Bruno 8.6	2	\$27.11	\$9.57	0	-	10	\$95.54	Effective:	2024-01-01
	3/4 inch meter size		\$11.42	11	-	20			
			\$15.12	21	+				
San Jose MWD-N 5.7	2	\$78.70	\$8.73	0	0	0	\$89.42	Effective:	2024-07-01
	5/8" and 3/4" meters.		\$0.00	0	0				
Santa Clara 8.1	1	\$23.42	\$8.90				\$71.85	Effective:	2024-07-01
									0
									0
Sunnyvale 8.1	2	\$33.74	\$5.29	0	-	10	\$59.53	Effective:	2024-07-01
	5/8 meter		\$6.17	11	-	##			
Westborough WD 4.9	2	\$65.87	\$10.02				\$82.44	Effective:	2024-07-01

* Average single family use among BAWSCA agencies varies from 4.2 to 24.2 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	Average
	Monthly	Monthly
	Bill	Service
		Charge
All BAWSCA Agencies	\$101.57	\$29.60
Municipal Agencies Only	\$96.85	\$29.18
Special Districts / Private	\$108.02	\$30.18
** Inclusive of service charge		
Source: BAWSCA FY 2024-25 Annual Survey		

**Table 8C: SF RWS Wholesale Water Rates and BAWSCA Bond Surcharges
FY 1984-85 to Present**

Year	Wholesale Water Rate (\$/Ccf)	BAWSCA Bond Surcharge (\$/Ccf)
1984-85	\$ 0.31	\$ -
1985-86	\$ 0.31	\$ -
1986-87	\$ 0.27	\$ -
1987-88	\$ 0.27	\$ -
1988-89	\$ 0.31	\$ -
1989-90	\$ 0.41	\$ -
1990-91	\$ 0.52	\$ -
1991-92	\$ 0.73	\$ -
1992-93	\$ 0.87	\$ -
1993-94	\$ 0.58	\$ -
1994-95	\$ 0.69	\$ -
1995-96	\$ 0.69	\$ -
1996-97	\$ 0.69	\$ -
1997-98	\$ 0.69	\$ -
1998-99	\$ 0.60	\$ -
1999-00	\$ 0.82	\$ -
2000-01	\$ 0.86	\$ -
2001-02	\$ 0.88	\$ -
2002-03	\$ 0.88	\$ -
2003-04	\$ 1.10	\$ -
2004-05	\$ 1.13	\$ -
2005-06	\$ 1.02	\$ -
2006-07	\$ 1.22	\$ -
2007-08	\$ 1.30	\$ -
2008-09	\$ 1.43	\$ -
2009-10	\$ 1.65	\$ -
2010-11	\$ 1.90	\$ -
2011-12	\$ 2.63	\$ -
2012-13	\$ 2.93	\$ -
2013-14	\$ 2.45	\$ 0.35
2014-15	\$ 2.93	\$ 0.35
2015-16	\$ 3.75	\$ 0.39
2016-17	\$ 4.10	\$ 0.47
2017-18	\$ 4.10	\$ 0.44
2018-19	\$ 4.10	\$ 0.39
2019-20	\$ 4.10	\$ 0.39
2020-21	\$ 4.10	\$ 0.40
2021-22	\$ 4.10	\$ 0.39
2022-23	\$ 4.75	\$ 0.40
2023-24	\$ 5.21	\$ 0.37
2024-25	\$ 5.67	\$ 0.36

*In 2013, BAWSCA issued Revenue Bonds (Series 2013A and 2013B) to prepay the remaining capital cost recovery payments that the BAWSCA member agencies owed the the SFPUC as of June 30, 2013. Beginning in FY 2013-14, BAWSCA began collecting a fixed bond surcharge from each member agency, as a separate item on the monthly water bills from the SFPUC, to make debt service payments on the revenue bonds, reimburse bond administration expenses, and, as necessary, replenish a stabilization fund set up to limit the volatility in annual changes in the payments.

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

The Alameda County Water District (ACWD) service area includes the cities of Fremont, Newark, Union City, and southern portions of the City of Hayward. Currently, ACWD provides retail water service predominantly within the Cities of Fremont, Newark, and Union City, and a small number of parcels outside of ACWD's service area through agreements.

Profile

Area Size	104.8 sq. miles
Service Population	347,000
Number of Accounts	86,616
Number of SF RWS Connections	8
Connections to SF RWS Mains	BDPL 1, 2, 3, 4 and 5
Avg. Day Demand (mgd)	36.29
Avg. Day Purchases from SF RWS (mgd)	10.42
% Demand Met with SF RWS Supplies	28.71%
Maximum Local Water Production (mgd)	86.5 mgd (Source: ACWD Engineering Report 2011, and includes WTP2, Blending Facility, Desal, and Direct Takeoffs from SFPUC)
Alternative Supply Sources	SF RWS, State Water Project (SWP), Local Groundwater
Interties with Other Agencies	Milpitas, Hayward
Local Storage (mg)	85.0 maximum capacity – volume in storage is typically 60 to 80% based on seasonal operating conditions
Days of Storage	1.7 – based on maximum capacity storage and average daily demand

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 is currently operating one surface

water treatment plant that can treat SWP imports 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 FY 10/11 - 19/20 period, 37% 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 21% 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 42%) of the distribution system supplies.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	4,625,134	4,738,636	4,989,706	5,083,824
State Water Project	5,412,329	3,147,646	3,990,532	3,984,433
Desalinated Water	3,208,556	2,976,738	2,436,631	3,370,319
Local Groundwater	3,444,116	2,685,294	2,203,744	2,476,103
Surface Water	1,216,196	2,538,677	3,136,756	2,793,503
Recycled Water	0	0	0	0
Total	17,906,331	16,086,991	16,757,369	17,708,182
mgd equivalent	36.70	32.97	34.34	36.29

Demand by Sector

Residential	10,732,633	9,872,128	10,256,252	10,796,077
Commercial/Industrial	3,166,669	2,985,929	3,022,191	3,103,661
Other	626,996	476,954	538,070	586,125
Dedicated Irrigation	2,037,116	1,499,927	1,822,692	2,124,395
Non-Revenue Water	1,342,917	1,252,052	1,118,164	1,097,924
Total	17,906,331	16,086,991	16,757,369	17,708,182
mgd equivalent	36.70	32.97	34.34	36.29

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	64	59	61	64
Gross	106	96	100	105

Storage Reservoirs

Designation	Capacity (gallons)	Designation	Capacity (gallons)
Alameda	16,250,000	Mayhew	4,300,000
Appian	780,000	Middlefield	7,230,000
Avalon	2,700,000	Ohlone	1,500,000
Canyon Heights	510,000	Patterson	14,210,000
Decoto	14,550,000	Vineyard Heights	540,000
Hidden Valley	2,000,000	Whitfield	20,400,000
		Total	84,970,000

ACWD Engineering Report, 2011.

Water Treatment Facilities

Designation	Capacity (mgd)	Status	Designation	Capacity (mgd)	Status
WTP #2	22	Active	Mission San Jose WTP	3.2	Inactive
Blending Facility	48	Active	Newark Desalination Facility	12.5	Active
			Total	85.7	

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	Active
			Total	50.9	

Interties

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

*Diameter of main connected

**3.6 mgd connection to Hayward's SF RWS Line

**City of Brisbane /
Guadalupe Valley Municipal Improvement District**

50 Park Place

Brisbane, CA 94005

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

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

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	3.4 square miles
Service Population*	4,874
Number of Accounts	2,060
Number of SF RWS Connections	5
Connections to SF RWS Mains	Crystal Springs Pipeline #1 and #2
Avg. Day Demand (mgd)	0.69
Avg. Day Purchases from SF RWS (mgd)	0.69
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties with Other Agencies	CWS – South San Francisco, Daly City
Local Storage (mg)	2.9
Days of Storage	3 – Combined storage. All zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity.

*Service population is based on the 2020 U.S. Census data for the City of Brisbane and annual estimated growth based on “Persons per Residential Connection” population method. *

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.

The GVMID’s 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 4 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	298,906	258,323	297,752	335,511
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	298,906	258,323	297,752	335,511
mgd equivalent	0.61	0.53	0.61	0.69

Demand by Sector

Residential	96,463	93,884	94,977	96,249
Commercial/Industrial	84,474	107,234	112,183	105,975
Other	10,285	6,599	14,897	25,047
Dedicated Irrigation	71,269	37,145	48,660	77,091
Non-Revenue Water	36,415	13,461	27,035	31,149
Total	298,906	258,323	297,752	335,511
mgd equivalent	0.61	0.53	0.61	0.69

Per Capita Use	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
Residential	41	40	40	40
Gross	126	109	126	141

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)
Glen Park Tank 1 (Brisbane)	Steel	200,000
Glen Park Tank 2 (Brisbane)	Steel	200,000
Guadalupe Tank (GVMID)	Steel	1,000,000
Crocker Tank (GVMID)	Prestressed Concrete	1,000,000
Margaret Tank (Brisbane)	Steel	500,000
Total		2,900,000

Interties

Name	No.	Diameter (in.)
CWS - South San Francisco	1	16
Daly City	1	12

City of Burlingame

501 Primrose Road
 Burlingame, California 94010-3997
 Phone: (650) 558-7230 Fax (650) 685-9310
 Web: <http://www.burlingame.org/>

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	32,870
Number of Accounts	9,224
Number of SF RWS Connections	6
Connections to SF RWS Mains	Crystal Springs #2 and #3, Sunset Pipeline
Avg. Day Demand (mgd)	3.27
Avg. Day Purchases from SF RWS (mgd)	3.27
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties with Other Agencies	CWS – Mid-Peninsula (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 SF RWS 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 SF RWS 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	1,640,372	1,444,244	1,543,145	1,597,536
Recycled Water	47,254	0	0	0
Other	0	0	0	0
Total	1,687,626	1,444,244	1,543,145	1,597,536
mgd equivalent	3.46	2.96	3.16	3.27

Demand by Sector

Residential	965,593	884,658	927,182	977,833
Commercial/Industrial	374,818	349,921	362,528	368,290
Other	56,562	49,217	83,711	72,335
Dedicated Irrigation	60,482	84,272	70,169	110,955
Non-Revenue Water	230,172	76,177	99,556	68,124
Total	1,687,626	1,444,244	1,543,145	1,597,536
mgd equivalent	3.46	2.96	3.16	3.27

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	61	58	60	61
Gross	104	95	101	100

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
Hillsborough	1	10		2	12

California Water Service - Bear Gulch District

3525 Alameda De Las Pulgas
Menlo Park, California 94025

Phone: (650) 561-9709 Fax (650) 561-9723

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, parts of unincorporated Redwood City, and adjacent unincorporated portions of San Mateo County including: West Menlo Park, Ladera, North Fair Oaks, and Menlo Oaks.

Cal Water acquired the Los Trancos County Water District in 2005 and acquired both Skyline County Water District and Woodside Mutual Water Company in 2009, incorporating them into the Bear Gulch District. These systems serve rural communities along Highway 35 between Page Mill Road and Highway 92.

In May 2024, Cal Water acquired the Kings Mountain Park Mutual Water Company (KMPWCO), a rural residential water company located in Woodside, California. This acquisition marked a significant transition for the community, which had been purchasing water from Cal Water for several years prior. Similarly, the Skylonda Mutual Water Company, a non-profit shareholder-owned water company serving 157 homes, became part of Cal Water's system in August 2023.

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	61,431
Number of Accounts	18,772
Number of SF RWS Connections	8
Connections to SF RWS Mains	BDPL 1 and 2, BDPL 3 and 4, Palo Alto Pipeline, (Bay Crossing 1 and 2)
Avg. Day Demand (mgd)	10.52
Avg. Day Purchases from SF RWS (mgd)	10.52
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	6.028 (BG Reservoir is offline due to seismic upgrades)
Alternative Supply Sources	Local Surface Water, Local Groundwater- (Skyline system only - inactive)
Interties with Other Agencies	Redwood City, Menlo Park
Local Storage (mg)	11.6 Treated, 215 Untreated
Days of Storage	0.92 – 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 SF RWS, 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 distribution systems consist of 57 pressure zones, 77 booster pumps, 37 storage tanks and reservoirs, 2,487 hydrants, and 345 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	5,114,178	4,618,546	4,878,606	5,134,295
Local Groundwater	0	0	0	0
Surface Water	113,504	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	5,227,682	4,618,546	4,878,606	5,134,295
mgd equivalent	10.71	9.46	10.00	10.52

Demand by Sector

Residential	4,411,197	3,767,269	3,936,408	4,318,253
Commercial/Industrial	477,764	435,577	461,584	477,301
Other	144,171	129,827	125,604	130,535
Dedicated Irrigation	13,694	10,482	12,628	12,762
Non-Revenue Water	180,856	275,391	342,922	195,444
Total	5,227,682	4,618,546	4,878,606	5,134,295
mgd equivalent	10.71	9.46	10.00	10.52

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	148	127	132	144
Gross	176	155	163	171

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Bear Gulch Reservoir*	Earth	215,000,000	Sta. 030-Tank 1	Steel	1,000,000
Sta. 002-Tank 1	Steel	250,000	Sta. 031-Tank 2	Steel	165,000
Sta. 002-Tank 2	Steel	500,000	Sta. 032-Tank 1	Steel	250,000
Sta. 005-Tank 6	Fiberglass-Lined Redwood	100,000 (inactive)	Sta. 033-Tank 1	Steel	10,000
Sta. 005-Tank 8	Steel	250,000	Sta. 034-Tank 1	Steel	75,000
Sta. 005-Tank 9	Steel	1,000,000	Sta. 036-Tank 1	Steel	125,000
Sta. 006-Tank 1	Steel	200,000	Sta. 037-Tank 1	Steel	55,000
Sta. 007-Tank 5	Fiberglass-Lined Redwood	100,000	Sta. 038-Tank 1	Steel	212,000
Sta. 016-Tank 2	Steel	1,000,000	Sta. 039-Tank 1	Steel	282,000
Sta. 017-Tank 1	Steel	250,000	Sta. 041-Tank 1	Steel	189,000
Sta. 019-Tank 1	Steel	500,000	Sta. 041-Tank 2	Steel	192,000
Sta. 019-Tank 2	Steel	500,000	Sta. 042-Tank 1	Steel	250,000
Sta. 021-Tank 1	Steel	1,000,000	Sta. 046-Tank 3	Steel	60,000
Sta. 021-Tank 2	Steel	1,000,000	Sta. 042-Tank 2	Steel	60,000
Sta. 022-Tank 1	Steel	450,000	Sta. 046-Tank 4	Steel	60,000
Sta. 023-Tank 1	Steel	30,000	Sta. 047-Tank 1	Steel	80,376
Sta. 025-Tank 1	Steel	100,000	Sta. 047-Tank 2	Steel	80,376
Sta. 026-Tank 1	Steel	10,000	Sta. 052-Tank 1	Plastic	5,000
Sta. 027-Tank 4	Steel	750,000	Sta. 052-Tank 2	Plastic	5,000
Sta. 028-Tank 1	Steel	200,000	Sta. 053-Tank 1	Plastic	37,500
Sta. 029-Tank 1	Fiberglass-Lined Redwood	100,000	Sta. 053-Tank 2	Plastic	37,500
Sta. 029-Tank 2	Fiberglass-Lined Redwood	100,000	Sta. 055-Tank 1	Fiberglass-Lined Redwood	61,500
Sta. 029-Tank 3	Steel	150,000	Sta. 055-Tank 2	Fiberglass-Lined Redwood	61,500
Total					226,633,752

* Reservoir storage capacity has been reduced by 6 feet in compliance with DSOD requirements.

Surface Water Treatment Facilities

Designation	Capacity (mgd)
Station 2 Filter Plant	6

Interties

Name	No.	Diameter (in.)
Redwood City	2	6
Menlo Park	2	6
	1	8

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, parts of unincorporated Redwood City, and adjacent unincorporated portions of San Mateo County, including The Highlands and Palomar Park.

System

Profile

Area Size	17 square miles
Service Population	137,693
Number of Accounts	35,927
Number of SF RWS Connections	8
Connections to SF RWS Mains	Bay Crossing 1 and 2, BDPL 1 and 2, Crystal Springs #2, Sunset Pipeline
Avg. Day Demand (mgd)	11.99
Avg. Day Purchases from SF RWS (mgd)	11.99
% Demand Met with SF RWS 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)	19.9
Days of Storage	1.44 - 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 SF RWS. Water is delivered to the San Carlos area via 3 SF RWS 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, 2,832 hydrants, and 363 miles of main.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	6,074,256	5,525,097	5,766,969	5,852,015
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	6,074,256	5,525,097	5,766,969	5,852,015
mgd equivalent	12.45	11.32	11.82	11.99

Demand by Sector

Residential	4,075,560	3,684,229	3,799,873	3,877,995
Commercial/Industrial	1,057,248	1,015,289	1,066,171	1,101,652
Other	337,275	334,645	351,992	353,758
Non-Revenue Water	604,173	490,940	548,933	518,609
Total	6,074,256	5,525,097	5,766,969	5,852,015
mgd equivalent	12.45	11.32	11.82	11.99

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	61	55	57	58
Gross	91	82	86	87

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
San Mateo			San Mateo		
Sta. 006-Tank 1	Brick	1,525,000	Sta. 025-Tank 2	Steel	250,000
Sta. 006-Tank2	Brick	1,525,000	Sta. 025-Tank 3	Steel	250,000
Sta. 017-Tank 1	Steel	500,000	Sta. 027-Tank 1	Steel	2,500,000
Sta. 017-Tank 2	Steel	500,000	Sta. 027-Tank 2	Steel	2,500,000
Sta. 017-Tank 3	Steel	500,000	Sta. 027-Tank 3	Concrete	3,860,000
Sta. 023-Tank 1	Steel	1,000,000	Sta. 029-Tank 1	Steel	1,000,000
Sta. 024-Tank 1	Steel	500,000	Sta. 030-Tank 1	Steel	500,000
Sta. 024-Tank 2	Steel	500,000	Sta. 031-Tank 1	Steel	220,000
Sta. 025-Tank 1	Fiberglass-Lined Redwood	100,000	Sta. 032-Tank 1	Steel	250,000

Designation	Type	Capacity (gallons)
Sta. 032-Tank 2	Steel	500,000
Sta. 033-Tank 1	Steel	300,000

Designation	Type	Capacity (gallons)
Sta. 033-Tank 2	Steel	500,000

San Mateo Total 19,280,000

Storage Reservoirs

Designation	Type	Capacity (gallons)
San Carlos		
Sta. 106-Tank 2	Steel	250,000
Sta. 106-Tank 3	Steel	500,000
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	Fiberglass-Lined Redwood	100,000
Sta. 116-Tank 3	Fiberglass-Lined 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. 120-Tank 2	Concrete	400,000
Sta. 122-Tank 3	Steel	20,000
Sta. 123-Tank 3	Steel	250,000
Sta. 123-Tank 4	Steel	425,000

San Carlos Total 6,490,000

San Mateo and San Carlos Total 25,770,000

Interties

Name	No.	Diameter (in.)
San Mateo		
Estero MID	1	12
Burlingame	3	8, 4, 6
Hillsborough	3	6, 6, 6
Mid-Peninsula WD	3	8, 8, 6

Name	No.	Diameter (in.)
San Carlos		
Mid-Peninsula WD	2	8, 8
Redwood City	4	12, 8, 8, 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	64,146
Number of Accounts	16,448
Number of SF RWS Connections	11
Connections to SF RWS Mains	Crystal Springs #2, San Andreas 1, 2, and 3, Sunset Pipeline
Avg. Day Demand (mgd)	5.66
Avg. Day Purchases from SF RWS (mgd)	5.45
% Demand Met with SF RWS Supplies	96.39%
Maximum Local Water Production (mgd)	1.37
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	1.08 - 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 SF RWS from 11 turnouts off the San Andreas and Crystal Spring pipelines, with the remaining water pumped from 8 local district wells. Approximately 20% of the demand can be met by groundwater pumping when SFPUC RWS surface supply is limited. The distribution system includes 15 pressure zones, 8 wells, 25 booster pumps, 14 storage reservoirs, 1,436 hydrants, and 160 miles of main.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
SF RWS - Customary	2,868,442	2,768,049	2,085,311	2,092,609
SF RWS – In Lieu	0	0	597,632	568,811
Local Groundwater	0	0	73,173	99,677
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	2,868,442	2,768,049	2,756,116	2,761,097
mgd equivalent	5.88	5.67	5.65	5.66

Demand by Sector

Residential	1,214,617	1,153,900	1,184,555	1,198,662
Commercial/Industrial	1,522,188	1,412,002	1,405,743	1,366,508
Other	120,794	108,126	107,900	107,434
Non-Revenue Water	10,843	94,021	57,918	88,493
Total	2,868,442	2,768,049	2,756,116	2,761,097
mgd equivalent	5.88	5.67	5.65	5.66

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	39	37	38	38
Gross	92	89	88	88

Facilities and Distribution**Storage Reservoirs**

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Sta. 001-Tank 1	Steel	500,000	Sta. 012-Tank 1	Steel	500,000
Sta. 004-Tank 3	Steel	250,000	Sta. 013-Tank 1	Steel	500,000
Sta. 004-Tank 4	Steel	250,000	Sta. 014-Tank 1	Steel	1,000,000
Sta. 005-Tank 1	Concrete	1,500,000	Sta. 015-Tank 1	Steel	1,000,000
Sta. 008-Tank 1	Concrete	1,500,000	Sta. 101-Tank 1	Steel	250,000
Sta. 011-Tank 1	Steel	250,000			
			Total		8,000,000

Wells

Name	Capacity (gpm)	Status*
Well 02	60	Inactive
Well 14	90	Destroyed
Well 15	95	Destroyed
Well 17	200	Destroyed
Well 18	340	Inactive
Well 19	160	Active
Well 20	150	Active
Well 21	220	Active
Well 22	295	Active
Well 23	300	Active
Well 24	380	Active
Total	1,505	(Active wells only)

Interties

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

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 San Mateo Road, Moonridge, El Granada, Miramar, Pillar Point Harbor and Princeton.

System

Profile

Area Size	14 square miles
Service Population	19,033
Number of Accounts	7,744
Number of SF RWS Connections	2
Connections to SF RWS Mains	Upper Crystal Springs Reservoir Intake and Pilarcitos Reservoir at Stone Dam
Avg. Day Demand (mgd)	1.54
Avg. Day Purchases from SF RWS (mgd)	1.01
% Demand Met with SF RWS Supplies	65.55%
Avg. 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 days

Summary

Coastside County Water District has four water sources; (1) Pilarcitos Reservoir at Stone Dam, (2) Upper Crystal Springs Reservoir, (3) the Pilarcitos Creek Infiltration Well Field, and (4) the Denniston (groundwater and surface water) Project. Water purchased from the SF RWS is supplied from two different raw water sources: Pilarcitos Reservoir at Stone Dam and Upper Crystal Springs Reservoir.

Raw water from Upper Crystal Springs Reservoir, Pilarcitos Reservoir at Stone Dam and the Pilarcitos Creek Infiltration Wells terminate at the Nunes Water Treatment Plant. Raw water from Denniston Creek and the Denniston Well Field terminate at the Denniston Water Treatment Plant.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	468,075	349,993	422,524	492,934
Local Groundwater	12,340	9,118	8,235	0
Surface Water	291,430	288,883	262,722	259,019
Recycled Water	0	0	0	0
Total	771,845	644,994	693,481	751,953
mgd equivalent	1.58	1.32	1.42	1.54

Demand by Sector

Residential	428,202	391,972	397,753	419,730
Commercial/Industrial	40,365	114,555	118,882	151,768
Other	184,481	47,234	39,061	13,782
Dedicated Irrigation	100,379	70,519	72,548	104,364
Non-Revenue Water	18,418	20,714	65,236	62,309
Total	771,845	644,994	693,481	751,953
mgd equivalent	1.58	1.32	1.42	1.54

Per Capita Use	Actual FY 20-21 (gpcpd)	Actual FY 21-22 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	54	47	43	45
Gross	97	84	75	81

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
Total		8.00

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		Inactive
D3		Inactive
D4		Inactive
D5		Inactive
D9	45	Active
P1	85	November 1- March 31
P2		Inactive
P3	70	Active
P3A	40	Active
P4	80	November 1- March 31 Standby
P4A	240	November 1- March 31
P5	50	November 1- March 31
Total	635	

*GWUDI of Surface Water

City of Daly City

Department of Water and Wastewater Resources
 153 Lake Merced Boulevard
 Daly City, California 94015-1097
 Phone: (650) 991-8200 Fax: (650) 991-8220
 Website: <http://www.dalycity.org/>

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	102,155
Number of Accounts	23,441
Number of SF RWS Connections	11
Connections to SF RWS Mains	Crystal Springs #1 and #2, San Andreas #2, and the Sunset Pipeline
Avg. Day Demand (mgd)	5.46
Avg. Day Purchases from SF RWS (mgd)	4.99
% Demand Met with SF RWS Supplies	91.36%
Maximum Local Water Production (mgd)	3.43
Alternative Supply Sources	Local Groundwater, Recycled Water
Interties with Other Agencies	GVMID, Brisbane, CWS – South San Francisco, 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 as a supplemental supply, could meet partial demands in an emergency.

Summary

The City of Daly City is supplied by two sources of water: surface water from the SF RWS regional water system, local groundwater from five municipal wells in active operation, 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 SF RWS 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 SF RWS 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 SF RWS 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 SF RWS 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 and ended in March 2011. 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 SF RWS and groundwater, with the exception of Reservoirs #8 and #5 which are supplied solely by SF RWS 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 the fall of 2012.

Since its initiation, some 2,386,590 ccf have been delivered for irrigation use, lessening the demand on local groundwater, and to a small degree, offsetting SF RWS system water with the conversion of potable water to recycled water at Harding Park.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	1,776,082	1,530,084	1,527,903	1,694,763
SF RWS – In Lieu	0	0	747,202	738,390
Local Groundwater	996,438	1,026,284	257,980	0
Recycled Water	307,487	266,292	25,266	229,997
Total	3,080,007	2,822,660	2,558,350	2,663,150
mgd equivalent	6.31	5.78	5.24	5.46

Demand by Sector

Residential	2,071,377	2,004,897	2,044,109	2,074,069
Commercial/Industrial	313,046	321,701	322,585	338,757
Other	70,286	75,828	68,689	76,703
Dedicated Irrigation	59,754	0	0	0
Non-Revenue Water	565,544	420,234	122,967	173,621
Total	3,080,007	2,822,660	2,558,350	2,663,150
mgd equivalent	6.31	5.78	5.24	5.66

Per Capita Use	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
Residential	40	38	43	42
Gross (Less Recycled Water)	53	49	53	49

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	Inactive
A St.	524	Inactive
JS Well	550	Active
Total	2,943	

Interties

Name	No.	Diameter (in.)
GVMID	1	12
CWS SSF	5	2, 6, 6, 8, 10
North Coast	3	6, 8, 12
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>
 Veolia North America
 2415 University Avenue
 East Palo Alto, CA 94303
 Phone: (650) 322-2083

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	29,143
Number of Accounts	3,927
Number of SF RWS Connections	3
Connections to SF RWS Mains	BDPL 1 and 2
Avg. Day Demand (mgd)	1.72
Avg. Day Purchases from SF RWS (mgd)	1.72
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Gloria Way Well
Interties with Other Agencies	Palo Alto, Menlo Park, O'Connor Tract Water Coop, Palo Alto Park Mutual - only to 2 Mutual companies and not in EPA's direction
Local Storage (mg)	0
Days of Storage	0 – No storage: cannot sustain a 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 SF RWS turnouts off BDPL 1 and 2. The third 72" pipeline is also in place, but not hooked up. 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, Veolia North America.

Gloria Way Well is East Palo Alto's storage facility and is certified for 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	699,368	672,814	745,804	840,811
Local Groundwater	5,466	5,801	1,337	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	704,834	678,615	747,141	840,811
mgd equivalent	1.44	1.39	1.53	1.72

Demand by Sector				
Residential	552,003	504,563	543,422	570,207
Commercial/Industrial	115,888	82,066	109,647	97,190
Other	19,384	11,551	23,230	13,447
Dedicated Irrigation	40,838	28,006	34,112	37,709
Non-Revenue Water	-23,279	52,429	36,730	122,258
Total	704,834	678,615	747,141	840,811
mgd equivalent	1.44	1.39	1.53	1.72

Per Capita Use	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
Residential	44	35	40	40
Gross	56	47	55	59

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
Menlo Park	2	6, 12

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	35,556
Number of Accounts	8,263
Number of SF RWS Connections	1
Connections to SF RWS Mains	Crystal Springs #2
Avg. Day Demand (mgd)	4.03
Avg. Day Purchases from SF RWS (mgd)	4.03
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties with Other Agencies	CWS – Mid-Peninsula (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 SF RWS 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	1,887,409	1,833,938	1,939,984	1,968,821
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,887,409	1,833,938	1,939,984	1,968,821
mgd equivalent	3.87	3.76	3.98	4.03

Demand by Sector

Residential	1,068,179	992,677	1,017,510	1,060,981
Commercial/Industrial	157,708	176,433	199,844	201,939
Other	21,665	23,880	26,172	45,731
Dedicated Irrigation	482,115	364,998	413,836	461,930
Non-Revenue Water	156,742	275,950	282,622	198,240
Total	1,887,409	1,833,938	1,939,984	1,968,821
mgd equivalent	3.87	3.76	3.98	4.03

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	66	54	59	61
Gross	117	100	112	113

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

City of Hayward

Public Works & Utilities Department
 777 B Street
 Hayward, California 94541
 Phone: (510) 583-4700 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	162,954
Number of Accounts	38,349
Number of SF RWS Connections	4 (two at each turnout)
Connections to SF RWS Mains	BDPL 1 and 2
Avg. Day Demand (mgd)	13.84
Avg. Day Purchases from SF RWS (mgd)	13.66
% Demand Met with SF RWS Supplies	98.67%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Local Groundwater (Emergency Use Only)
Interties with Other Agencies	ACWD, EBMUD
Local Storage (mg)	31.3
Days of Storage	2.2 - 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 SF RWS at two turnouts, one at the Irvington Portal and one at the Newark valve lot. The distribution system consists of 6 main pressure zones, 16 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 water wells, permitted for short term, emergency use, can be brought online in the event of a transmission system failure. The wells have not been put to use in the past.

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-foot elevation pressure zone from SF RWS with sufficient pressure under most conditions. The Hayward Fault generally runs along, and just to the east of Mission Boulevard. 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-

foot elevation pressure zone when necessary. All five emergency wells are located west of Mission Blvd., as are three of the City’s five emergency interties.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	6,854,523	6,301,398	6,430,378	6,663,423
Local Groundwater	0	0	0	0
Recycled Water*	27,420	76,640	80,404	88,336
Total	6,881,943	6,378,038	6,510,782	6,751,759
mgd equivalent	14.10	13.07	13.34	13.84

*Recycled water delivery includes volumes of secondary treated water delivered to Russell City Energy Center (RCEC) in FY 18-19. In FY 21-22, the City began tertiary-treated recycled water deliveries to its Phase 1 commercial and industrial irrigation customers.

Demand by Sector

Residential	3,614,790	3,472,598	3,870,838	3,758,260
Commercial/Industrial	1,280,048	1,293,305	1,347,757	1,282,541
Other	456,427	409,088	454,132	438,807
Dedicated Irrigation	825,279	742,732	617,521	822,607
Non-Revenue Water	688,412	460,316	214,536	449,544
Total	6,864,956	6,378,038	6,504,784	6,751,759
mgd equivalent	14.07	13.07	13.33	13.84

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	46	45	49	47
Gross	87	81	81	84

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Treeview	Concrete	3,000,000	250 East	Concrete	500,000
Maitland	Concrete	1,000,000	250 West	Concrete	500,000
North Walpert	Concrete	1,500,000	Highland 500	Concrete	3,000,000
South Walpert	Steel	5,300,000	Highland 750	Steel	4,400,000
D Street	Concrete	1,000,000	Highland 1000	Steel	2,200,000
High School	Concrete	1,000,000	Highland 1285	Steel	1,800,000
Garin Hills South	Steel	1,250,000	Highland 1530 East	Steel	2,900,000
New Garin Hills	Steel	750,000	Highland 1530	Steel	1,200,000
Total					31,300,000

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	

*Out of service and not functional.

Interties

Name	N o.	Diameter (in.)
EBMUD*	2	10, 12
ACWD	2	12, 12
Regional Water System	1	36

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

Town of Hillsborough

Water Department
 1600 Floribunda Avenue
 Hillsborough, California 94010-6498
 Phone: (650) 375-7402 Fax: (650) 375-7444
 Web: <http://www.hillsborough.net>

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	11,356
Number of Accounts	4,302
Number of SF RWS Connections	9 Turnouts, 12 meters
Connections to SF RWS Mains	Crystal Springs #2, Sunset Pipeline
Avg. Day Demand (mgd)	2.32
Avg. Day Purchases from SF RWS (mgd)	2.32
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties with Other Agencies	Burlingame, CWS – Mid-Peninsula (San Mateo)
Local Storage (mg)	8.6 (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 SF RWS 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 18 pressure zones, 14 pump stations, 14 storage tanks, and 108 miles of mains.

There are no wells or alternate sources within the district.

Water Supply and Demand

Supply by Source ¹	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	1,141,504	1,000,717	1,057,159	1,130,277
Resale SF RWS (CWS)	0	0	0	0
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,141,504	1,000,717	1,057,159	1,130,277
mgd equivalent	2.34	2.05	2.17	2.32

Demand by Sector ²

Residential	1,058,579	896,796	943,891	1,028,501
Commercial/Industrial	3,998	3,949	4,079	4,530
Institutional/Other	13,917	12,201	15,782	15,579
Dedicated Irrigation	33,112	31,453	29,386	34,481
Non-Revenue Water	31,898	56,318	64,021	47,186
Total	1,141,504	1,000,717	1,057,159	1,130,277
mgd equivalent	2.34	2.05	2.17	2.32

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	190	159	164	186
Gross	205	177	184	204

1 SFPUC billing is based on monthly meter readings.

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

Note: Some minor population and water supply errors were discovered in FYs 08-10 and have not been corrected here. These errors are not significant, and corrected data can be provided by the Town of Hillsborough on request.

Facilities and Distribution**Storage Reservoirs**

Designation	Type	Capacity (gallons)
Forest View Tank 2	Steel	675,000
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
Darrell Tank 1	Steel	1,000,000
Darrell Tank 2	Steel	2,000,000
El Arroyo Tank 1	Steel	516,000
El Arroyo Tank 2	Steel	516,000

Designation	Type	Capacity (gallons)
Vista Tank	Steel	580,000
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		7,917,000

Interties

Name	No.	Diameter (in.)
CWS -San Mateo	3	2*, 6, 6, 6
Burlingame	5	6, 6, 6, 6, 10

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

City of Menlo Park

Menlo Park Municipal Water
 701 Laurel Street
 Menlo Park, California 94025-3483
 Phone: (650) 330-6750 E-mail: water@menlopark.gov
 Web: <http://www.menlopark.gov>

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	9 square miles
Service Population	21,340
Number of Accounts	4,399
Number of SF RWS Connections	5
Connections to SF RWS Mains	3 connections to BDPL 1 and 2 via Ivy Drive at Hill, Chilco and Madera; 1 connection to BDPL 4 via Sharon Park Drive at Lassen; 1 connection to the Palo Alto Pipeline
Avg. Day Demand (mgd)	2.74
Avg. Day Purchases from SF RWS (mgd)	2.74
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	One well for emergency purposes only (under construction)
Interties with Other Agencies	CWS - Bear Gulch, Redwood City, East Palo Alto, O'Connor Tract Water Coop
Local Storage (mg)	5.5 mg
Days of Storage	0.65

Summary

The City of Menlo Park purchases all of its water directly from the SF RWS. One SF RWS 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. Menlo Park also serves a handful of customers in City of Redwood City and the Town of Portola Valley via 4 connections. The distribution system includes one pump station, two storage reservoirs, and 63 miles of mains. West Bay Sanitary District currently provides recycled water to one irrigation customer in Menlo Park's service area. They plan to expand their system in the future.

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, and East Palo Alto. CWS and the emergency well (under construction) are the primary emergency sources of water for Menlo Park.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	1,195,123	1,070,006	1,247,376	1,335,607
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,195,123	1,070,006	1,247,376	1,335,607
mgd equivalent	2.45	2.19	2.56	2.74

Demand by Sector

Residential	511,259	499,549	492,181	543,204
Commercial/Industrial	422,508	365,687	380,711	329,751
Other	135,806	115,441	144,307	104,711
Dedicated Irrigation	124,289	88,219	195,079	109,520
Non-Revenue Water	1,261	1,110	35,098	248,421
Total	1,195,123	1,070,006	1,247,376	1,335,607
mgd equivalent	2.45	2.19	2.56	2.74

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	49	50	47	52
Gross	115	108	120	128

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	4	8, 10*
East Palo Alto	2	6, 12
O'Connor Tract	1	6
Redwood City	1	Hydrant to hydrant

*Two interties are hydrant-to-hydrant interconnections.

Mid-Peninsula Water District

1075 Old County Road, Suite A,
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	30,834
Number of Accounts	8,099
Number of SF RWS Connections	2
Connections to SF RWS Mains	BDPL 1 and 2, Crystal Springs Bypass Tunnel
Avg. Day Demand (mgd)	2.36
Avg. Day Purchases from SF RWS (mgd)	2.36
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties with Other Agencies	Estero MID, Redwood City, CWS – Mid-Peninsula (San Mateo), CWS – Mid-Peninsula (San Carlos)
Local Storage (mg)	12.5
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 SF RWS 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 SF RWS 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 SF RWS 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	1,172,923	1,055,377	1,107,642	1,153,983
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	1,172,923	1,055,377	1,107,642	1,153,983
mgd equivalent	2.40	2.16	2.27	2.36

Demand by Sector

Residential	836,837	778,506	805,647	837,545
Commercial/Industrial	158,757	146,697	163,403	186,016
Other	33,109	31,950	30,498	32,786
Dedicated Irrigation	85,783	65,383	71,899	86,498
Non-Revenue Water	58,437	32,841	36,195	11,138
Total	1,172,923	1,055,377	1,107,642	1,153,983
mgd equivalent	2.40	2.16	2.27	2.36

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	58	53	54	56
Gross	81	72	74	77

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	1.00	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					12.50

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	23,000
Number of Accounts	6,508
Number of SF RWS Connections	5
Connections to SF RWS Mains	Murchison, Greenhills, Park, 195 ECR, Helen
Avg. Day Demand (mgd)	1.85
Avg. Day Purchases from SF RWS (mgd)	1.85
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties with Other Agencies	Burlingame
Local Storage (mg)	2.36
Days of Storage	2.0 – 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 pending completion of a Master Plan.

Summary

The City of Millbrae's only source of water is the SF RWS, delivered through 5 turnouts. Hetch Hetchy water purchased from the SF RWS 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), 4 storage tanks (only 3 are in operation), 593 hydrants, and 69.7 miles of water mains.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	900,514	850,047	844,675	900,877
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	900,514	850,047	844,675	900,877
mgd equivalent	1.85	1.74	1.73	1.85

Demand by Sector

Residential	552,391	530,140	527,472	573,045
Commercial/Industrial	70,805	142,691	145,798	159,469
Other	18,731	19,564	15,051	15,597
Dedicated Irrigation	67,232	65,013	56,167	69,776
Non-Revenue Water	191,355	92,639	100,187	82,990
Total	900,514	850,047	844,675	900,877
mgd equivalent	1.85	1.74	1.73	1.85

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	51	53	49	51
Gross (less recycled water)	83	84	78	80

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (mg)
Storage Tank 1	Steel	1.50
Storage Tank 2	Steel	0.50
Storage Tank 3	Steel	0.11
Storage Tank 4	Steel	0.25
Total		2.11

Interties

Name	No.	Diameter (in.)
Burlingame	8	6, 8, 10, 12
SFO		12

City of Milpitas

Public Works Department
 455 East Calaveras Boulevard
 Milpitas, California 95035-5411
 Phone: (408) 586-2600 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	81,773
Number of Accounts	16,720
Number of SF RWS Connections	4 - Sunnyhills (Washington), Calaveras, Main (Hammond), and Gibraltar Tank (intertie).
Connections to SF RWS Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	8.99
Avg. Day Purchases from SF RWS (mgd)	5.27
% Demand Met with SF RWS Supplies	58.61%
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 SF RWS, while the remaining areas are supplied by SCVWD. With some exceptions, residents receive SF RWS water, while industrial and commercial areas receive SCVWD water. The City does not blend SF RWS and SCVWD waters under normal operations, but they can be blended during emergency situations.

The City's distribution system consists of 5 turnouts, 11 pressure regulator valves, 6 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 SF RWS-supplied zone during emergencies. Two wells are under construction to supplement water supply during emergencies.

Since 1997, the City has been receiving non-potable recycled water from South Bay Water Recycling (SBWR) Program.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	2,251,779	2,230,517	2,598,121	2,571,727
Santa Clara Valley WD	1,589,861	1,402,379	1,091,322	1,403,010
Recycled Water	423,744	342,451	359,585	413,157
Other	0	0	0	0
Total	4,265,384	3,975,347	4,049,028	4,387,894
mgd equivalent	8.74	8.15	8.30	8.99

Demand by Sector

Residential	2,036,897	1,960,244	1,988,773	2,036,431
Commercial/Industrial	792,330	785,640	796,447	853,478
Other	114,066	135,753	129,077	150,712
Dedicated Irrigation	805,639	547,953	661,295	672,504
Non-Revenue Water	516,452	545,757	473,436	674,769
Total	4,265,384	3,975,347	4,049,028	4,387,894
mgd equivalent	8.74	8.15	8.30	8.99

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	52	50	57	51
Gross (Less Recycled Water)	97	92	102	100

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 Division
231 North Whisman Road
Mountain View, California 94043

Phone: (650) 903-6329 Fax: (650) 962-8079

Web: <http://www.mountainview.gov>

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	84,435
Number of Accounts	18,112
Number of SF RWS Connections	3 turnouts/ 9 meters
Connections to SF RWS Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	9.27
Avg. Day Purchases from SF RWS (mgd)	7.71
% Demand Met with SF RWS Supplies	83.13%
Maximum Local Water Production (mgd)	2.4
Alternative Supply Sources	Local Groundwater, SCVWD, Recycled
Interties with Other Agencies	Palo Alto, Sunnyvale, SCVWD, CWS – Los Altos District
Local Storage (mg)	17.3
Days of Storage	Note: With loss of SF RWS 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's primary water supplier is the SF RWS. The Santa Clara Valley Water District supplies treated water and Mountain View supplies groundwater. California Water Service also provides water to a small part of Mountain View. Mountain View's system distributes water to three pressure zones via 190 miles of main, with inter-zonal connections that allow water to flow from adjacent zones. Mountain View has four water storage facilities.

Mountain View has 4 active wells (3 currently out of service). The wells influence each other, resulting in varied maximum and simultaneous flows. They are not currently operated at their maximum capacity due to various maintenance and operational issues.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	3,581,200	3,279,562	3,589,710	3,760,315
Santa Clara Valley WD	405,634	365,939	384,119	410,679
Local Groundwater	46,002	50,108	67,365	77,199
Recycled Water	188,938	183,487	232,608	275,307
Total	4,221,774	3,879,095	4,273,802	4,523,500
mgd equivalent	8.65	7.95	8.76	9.27

Demand by Sector

Residential	2,307,012	2,172,873	2,257,565	2,389,744
Commercial/Industrial	619,103	632,659	701,865	730,401
Other	1,778	2,942	1,389	3,391
Dedicated Irrigation	1,085,804	806,800	910,074	1,064,750
Non-Revenue Water*	208,077	263,821	402,909	335,214
Total	4,221,774	3,879,095	4,273,802	4,523,500
mgd equivalent	8.65	7.95	8.76	9.27

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	58	55	57	58
Gross	101	93	102	103

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Miramonte	Concrete	1,200,000	Whisman	Concrete	6,000,000
Miramonte	Concrete	2,100,000	Graham	Concrete	8,000,000
Total					17,300,000

Wells

Name	Capacity (mgd)	Status	Name	Capacity (mgd)	Status
Well 19	0.7	Active	Well 21	1.1	Active
			Well 22	1.1	Active
			Well 23	1.3	Active
Total				4.2	

Interties

Name	No.	Diameter (in.)
Palo Alto	2	6
Sunnyvale	4	8, 8, 8, 12
SCVWD	1	24

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	37,370
Number of Accounts	13,254
Number of SF RWS Connections	1
Connections to SF RWS Mains	San Andreas 3
Avg. Day Demand (mgd)	2.45
Avg. Day Purchases from SF RWS (mgd)	2.43
% Demand Met with SF RWS Supplies	98.95%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Local Surface Water; Recycled Water
Interties with Other Agencies	San Bruno, Daly City, Westborough CWD
Local Storage (mg)	18.25
Days of Storage	5.8 days – 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 potable water comes from one SF RWS 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 Christen 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 31 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 5.8 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	1,068,893	1,024,588	1,056,221	1,185,105
Recycled Water	15,744	16,151	15,536	12,625
Other	0	0	0	0
Total	1,084,637	1,040,739	1,071,758	1,197,730
mgd equivalent	2.22	2.13	2.20	2.45

Demand by Sector

Residential	806,906	784,583	765,566	800,729
Commercial/Industrial	90,075	89,498	88,107	83,537
Other	75,292	65,419	75,190	82,559
Dedicated Irrigation	52,299	41,900	24,541	25,660
Non-Revenue Water	60,065	59,339	118,352	205,245
Total	1,084,637	1,040,739	1,071,758	1,197,730
mgd equivalent	2.22	2.13	2.20	2.45

Per Capita Use

	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	44	43	43	44
Gross	58	57	59	65

Facilities and Distribution

Potable Storage Reservoirs

Designation	Capacity (gallons)
11 Reservoirs	18,250,000
Total	18,250,000

Water Treatment Facilities:

Surface Water

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, 8
Daly City	3	6, 8, 12

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, wastewater 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	67,231
Number of Accounts	20,262
Number of SF RWS Connections	5
Connections to SF RWS Mains	Palo Alto Pipeline, BDPL 3 and 4
Avg. Day Demand (mgd)	9.49
Avg. Day Purchases from SF RWS (mgd)	9.31
% Demand Met with SF RWS Supplies	98.16%
Maximum Local Water Production (mgd)	15.05 – 8 emergency wells
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)	13
Days of Storage	1.13 – Currently, Palo Alto water system can independently supply 8 hr under maximum day demands for emergency use

Summary

The City of Palo Alto's primary source of water is the SF RWS, 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, 7 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.

To improve the capacity of the local water distribution system to provide water during an emergency event, Palo Alto initiated the Emergency Water Supply and Storage Project. The Project included the rehabilitation of 5 existing wells, construction of 3 new wells, and construction of a new 2.5 million gallon emergency water storage reservoir. Palo Alto now has adequate storage and pumping capacity to provide emergency back up during an interruption of SF RWS service. The wells may also be available to meet limited dry year requirements.

Palo Alto replaces potable water with recycled water to irrigate a golf course and a city park and to fill a duck pond. 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. As of FY 24-25, Palo Alto’s reported recycled water no longer includes sub-title 22 recycled water used at the water quality control plant.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	4,709,184	4,210,400	4,424,761	4,543,561
Local Groundwater	0	0	0	0
Recycled Water	476,934	454,561	465,073	85,055
Other	0	0	0	0
Total	5,186,118	4,664,961	4,889,834	4,628,616
mgd equivalent	10.63	9.56	10.02	9.49

Demand by Sector

Residential	2,771,300	2,384,451	2,420,206	2,477,378
Commercial/Industrial	808,852	794,929	932,003	991,595
Other	651,375	592,658	652,637	285,172
Dedicated Irrigation	703,976	549,094	607,091	527,629
Non-Revenue Water	250,615	343,829	277,897	346,842
Total	5,186,118	4,664,961	4,889,834	4,628,616
mgd equivalent	10.63	9.56	10.02	9.49

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	84	71	73	76
Gross (Less Recycled Water)	142	126	134	138

Facilities and Distribution

Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
Mayfield	Concrete	4,000,000	El Camino	Steel	2,500,000
Boronda	Concrete	1,500,000	Montebello	Steel	1,500,000
Corte Madera	Steel	1,500,000	Park	Steel	1,000,000
Dahl	Steel	1,000,000	Total		13,000,000

Wells

Name	Capacity (mgd)	Status
Eleanor Pardee	1.44	New – Operational
Library	0.86	New – Operational
El Camino Park	1.44	New – Operational
Fernando	1.01	Existing – Operational
Hale	2.09	Existing – Operational
Matadero	1.01	Existing – Operational
Peers	2.45	Existing – Operational
Rinconada	4.75	Existing – Operational

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, 6
Stanford	2	8, 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	4,600 acres
Service Population	6,252
Number of Accounts	2,139
Number of SF RWS Connections	2
Connections to SF RWS Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	1.52
Avg. Day Purchases from SF RWS (mgd)	1.52
% Demand Met with SF RWS Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties with Other Agencies	CWS - Los Altos District, 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 SF RWS 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, 15 pumps, and 80 miles of pipe.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	799,210	639,836	677,300	740,466
Recycled Water	0	0	0	0
Other	0	0	0	0
Total	799,210	639,836	677,300	740,466
Mgd equivalent	1.64	1.31	1.39	1.52

Demand by Sector

Residential	746,898	572,579	610,361	660,858
Commercial/Industrial	0	0	0	0
Other	45,485	29,477	32,580	45,268
Dedicated Irrigation	4,814	0	0	0
Non-Revenue Water	2,013	393,421	34,359	34,340
Total	799,210	639,836	677,300	740,466
Mgd equivalent	1.64	1.31	1.39	1.52

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	249	160	200	217
Gross	266	178	222	243

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	6, 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/water>

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	92,819
Number of Accounts	24,342
Number of SF RWS Connections	13
Connections to SF RWS Mains	Bay Crossing 1 and 2, BDPL 1, 2, and 5, BDPL 3 and 4
Avg. Day Demand (mgd)	8.39
Avg. Day Purchases from SF RWS (mgd)	7.85
% Demand Met with SF RWS Supplies	93.48%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	Recycled water for landscape irrigation, industrial, and dual plumbed uses
Interties with Other Agencies	CWS - Bear Gulch, CWS - Mid-Peninsula (San Carlos), Mid-Peninsula WD, Menlo Park
Local Storage (mg)	22
Days of Storage	2.2 days storage. - 4 of 28 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 SF RWS via 13 active meter connections. Seven of the turnouts are located off Bay Division Pipelines 1, 2 and 5; one turnout is off BDPL 1, 2, 3, and 5; and five turnouts are off BDPL 3 and 4.

The distribution system consists of 28 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 10 emergency interties with California Water Service Bear Gulch and Mid-Peninsula Districts, Mid-Peninsula Water District, and the City of Menlo Park.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	3,855,958	3,536,397	3,761,997	3,828,819
Recycled Water	313,616	239,775	255,283	266,903
Other	0	0	0	0
Total	4,169,575	3,776,172	4,017,280	4,095,722
mgd equivalent	8.54	7.74	8.23	8.39

Demand by Sector

Residential	2,554,867	2,397,558	2,542,162	2,628,072
Commercial/Industrial	576,384	555,171	590,301	617,592
Other	86,787	77,826	85,594	88,971
Dedicated Irrigation	619,822	451,770	513,107	542,195
Non-Revenue Water	331,715	293,847	286,116	218,892
Total	4,169,575	3,776,172	4,017,280	4,095,722
mgd equivalent	8.54	7.74	8.23	8.39

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	59	54	57	58
Gross (Less Recycled Water)	89	80	84	85

Facilities and Distribution

Storage Reservoirs

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

Interties

Name	No.	Diameter (in.)
CWS – Bear Gulch	2	6, 6
CWS – Mid-Peninsula	4	8, 8, 8, 12
Menlo Park	1	Hydrant to Hydrant
Mid-Pen WD	1	8

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: www.sanbruno.ca.gov

Service Area

The City of San Bruno is primarily an urban residential community located in San Mateo County with low density residential land uses in the west hillside areas and high density residential, commercial, and institutional land uses in the east towards San Francisco Bay.

System

Profile

Area Size	6.1 square miles
Service Population	42,054
Number of Accounts	11,690
Number of SF RWS Connections	5
Connections to SF RWS Mains	Crystal Springs # 2 and #3, San Andreas 1, 2, and 3, Sunset Pipeline
Avg. Day Demand (mgd)	2.74
Avg. Day Purchases from SF RWS (mgd)	2.71
% Demand Met with SF RWS Supplies	98.72%
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 water supply comes from three different sources – surface water purchased from San Francisco Public Utilities Commission (SFPUC), surface water purchased from North Coast County Water District (NCCWD), and ground water produced from the City's wells.

The San Bruno Water system consists of 5 surface water supply turnouts, 4 active groundwater wells, 8 storage tanks, 13 pressure zones, 8 booster pump stations, 31 pressure regulating stations, most of which are equipped with pressure reducing valves that regulate water from high pressure zones to lower pressure zones and approximately 116 miles of water mains ranging in sizes from 2 to 18 inches diameter.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
SF RWS - Customary	507,220	593,241	451,523	295,431
SF RWS – In Lieu	0	0	824,756	1,024,662
Local Groundwater	961,490	845,341	56,706	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	12,040	14,362	16,720	17,069
Total	1,480,750	1,452,944	1,349,705	1,337,162
mgd equivalent	3.03	2.98	2.77	2.74

Demand by Sector

Residential	1,032,586	944,436	951,806	1,000,792
Commercial/Industrial	269,983	247,539	262,037	284,148
Other	72,182	58,940	61,951	71,047
Non-Revenue Water	105,999	187,667	73,911	-18,825
Total	1,480,750	1,438,582	1,349,705	1,337,162
mgd equivalent	3.03	2.95	2.77	2.74

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	48	44	44	49
Gross	68	67	62	65

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 16**	0.72	Active
Well 17*	0.40	Active
Well 18**	0.29	Active
Well 20**	0.85	Active
Total	2.26	

Interties

Name	No.	Diameter (in.)
North Coast	2	8, 10
CWS - SSF	1	6

City of San Jose

San Jose Municipal Water System - North

3025 Tuers Road

San Jose, California 95121

Phone: (408) 277-3671

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	48,082
Number of Accounts	2,401
Number of SF RWS Connections	2
Connections to SF RWS Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	4.92 Potable and Recycled
Avg. Day Purchases from SF RWS (mgd)	3.98
% Demand Met with SF RWS Supplies	80.92%
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 SF RWS through two turnouts off the Bay Division Pipelines 3 and 4.

The SF RWS 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 SF RWS supply during high flow periods. An intertie with the City of Santa Clara can be activated within 2 hours.

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.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	2,004,207	1,817,070	1,899,283	1,944,248
Local Groundwater	14,866	15,394	15,761	14,288
Recycled Water	462,435	340,100	361,820	444,058
Other	0	0	0	0
Total	2,481,508	2,172,564	2,276,864	2,402,594
mgd equivalent	5.09	4.45	4.67	4.92

Demand by Sector

Residential	754,495	738,698	749,179	749,528
Commercial/Industrial	849,963	746,654	817,612	776,417
Other	28,957	22,620	34,167	54,969
Dedicated Irrigation	708,871	554,144	572,065	638,949
Non-Revenue Water	138,222	110,448	103,841	182,731
Total	2,481,508	2,172,564	2,276,864	2,402,594
mgd equivalent	5.09	4.45	4.67	4.92

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	38	35	34	32
Gross (Less Recycled Water)	102	87	86	83

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	2	8, 12

City of Santa Clara

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

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	134,587
Number of Accounts	25,897
Number of SF RWS Connections	2
Connections to SF RWS Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	19.29
Avg. Day Purchases from SF RWS (mgd)	2.92
% Demand Met with SF RWS Supplies	15.13%
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, Recycled Water
Interties with Other Agencies	Santa Clara Valley WD, San Jose Muni, SJWC, CWS – Los Altos District, Sunnyvale
Local Storage (mg)	28.8
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 SF RWS and SCVWD. Two SF RWS 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 19 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 Regional Wastewater Facility (RWF) is available for landscape irrigation, commercial dual plumbing and certain industrial uses, distributed within Santa Clara by about 33 miles of pipeline.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	1,515,536	1,407,256	1,336,399	1,424,280
Santa Clara Valley WD	1,530,108	1,437,869	1,464,867	1,427,720
Local Groundwater	4,447,151	4,269,622	4,628,509	4,766,115
Recycled Water	1,602,429	1,490,135	1,721,154	1,794,429
Other	0	0	0	0
Total	9,095,223	8,604,882	9,150,929	9,412,544
mgd equivalent	18.64	17.63	18.75	19.29

Demand by Sector

Residential	3,840,241	3,552,695	3,515,827	3,615,088
Commercial/Industrial	4,246,897	3,837,433	4,011,392	4,124,985
Other	859,031	821,334	871,558	990,933
Dedicated Irrigation	0	0	0	0
Non-Revenue Water	149,054	393,421	752,153	681,539
Total	9,095,223	8,604,882	9,150,929	9,412,544
mgd equivalent	18.64	17.63	18.75	19.29

Per Capita Use	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
Residential	56	53	53	53
Gross (Less Recycled Water)	117	110	116	116

Facilities and Distribution**Storage Reservoirs**

Designation	Type	Capacity (mg)
Northside Tank 1	Steel	4.7
Northside Tank 2	Steel	4.7
Serra Tank 1	Steel	4.6
Serra Tank 2	Steel	4.4
Serra Tank 3	Steel	4.2
Downtown	Steel	4.2
Corporation Yard Tank	Steel	2.0
Total		28.8

Wells

Name	Capacity (mgd)	Status	Name	Capacity (mgd)	Status
Well 2-02	2.7	Active	Well 16-02	1.6	Inactive
Well 3-02	2.6	Active	Well 17-02	2.9	Active
Well 4	1.4	Active	Well 18-02	1.9	Active
Well 5-02	2.3	Inactive	Well 21	2.6	Inactive
Well 7	1.7	Active	Well 22-02	1.7	Active
Well 8	1.6	Active	Well 23	2.6	Inactive
Well 9-02	1.5	Active	Well 24	2.2	Active
Well 10	2.4	Active	Well 25	1.3	Active
Well 11	2.5	Inactive	Well 26	1.4	Inactive
Well 12	2.1	Active	Well 28	2.8	Active
Well 13-02	2.4	Active	Well 29	2.7	Active
Well 15	1.2	Active	Well 30	2.0	Active
			Well 32	1.3	Standby
			Well 34	1.4	Active
			Total	55.5	

Interties

Name	No.	Diameter (in.)
SCVWD	1	10
San Jose	2	8, 12
Sunnyvale	7	12, 12, 10, 10, 10, 10, 8

Stanford University

560 Fremont Rd

Stanford, California 94305-7272

Phone: (650) 725-8030 Fax: (650) 723-3191

Web: <https://suwater.stanford.edu>

Service Area

The Stanford Sustainability, Utilities & Infrastructure Department supplies water to the campus area and nearby Stanford unincorporated lands.

System

Profile

Area Size	3.1 square miles
Service Population	36,867*
Number of Accounts	n/a
Number of SF RWS Connections	3
Connections to SF RWS Mains	BDPL 3 and 4, 1 turnout off Palo Alto pipeline
Avg. Day Demand (mgd)	2.71
Avg. Day Purchases from SF RWS (mgd)	1.59
% Demand Met with SF RWS Supplies	58.48% (100% of domestic water)
Average Day Local Water Production (mgd)	1.1
Alternative Supply Sources	Local groundwater, surface water, stormwater, construction dewatering, recycled water**
Interties with Other Agencies	Palo Alto
Local Storage (mg)	8
Days of Storage	2.5 to 4 – 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 former Cogeneration Facility cooling tower blow-down for reuse for toilet and urinal flushing in new buildings. The plant was decommissioned in 2015 with the construction of the Stanford Energy System Innovations (SESI) Central Energy Facility. Source water for the recycled water system was lost but the infrastructure remains and can resume using recycled water once another source is established.

Summary

Stanford has five sources of water supply: purchased potable water from the SF RWS, groundwater, non-potable surface water from the local watershed, stormwater/runoff capture, and recycled water.

SF RWS 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 (irrigation) water system that supplies more than 80% of its irrigation needs, significantly reducing Stanford’s use of potable water for irrigation. This system is historically 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. Starting in FY 2017-18 Annual Surveys, additional tracking of captured construction dewatering water for use as irrigation water is also included (other, non-potable alternative water supply). The lake water system can also be supplied as needed by SF RWS water.

Water Supply and Demand

Supply by Source	Actual FY 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	714,224	677,245	729,329	774,055
Local Groundwater	0	0	0	0
Recycled Water	0	0	0	0
Surface Water	0	0	0	0
Other	513,069	544,139	509,602	549,670
Total	1,227,293	1,221,384	1,238,931	1,323,725
mgd equivalent	2.52	2.50	2.54	2.71

Note: The sources of water contributing to the non-potable irrigation water system have been tracked through various methods in order to fit within the format of the Annual Survey. Prior to the 2014-2015 Annual Survey, the volume entering storage was subtracted from total surface water diverted and water used from storage. Prior to the 2015-2016 Annual Survey, all water coming from storage was assumed to be surface water. In order to better reflect the sources of water used in the non-potable irrigation system, beginning in the 2015-2016 Annual Survey the source of stored water is being accounted for by tracking the volume of groundwater that enters and is used from storage. Assumptions for this new method include a starting point of zero groundwater in the non-potable irrigation system storage as of July 2013, surface water entering storage first, and groundwater used from storage first. In the FY 2017-18 and FY 2018-19 Annual Survey, additional tracking of captured construction dewatering water for use as irrigation water is also included (other, non-potable alternative water supply).

Demand by Sector

Residential	281,216	402,723	415,217	445,599
Commercial/Industrial	72,962	65,310	78,216	79,766
Other	154,952	283,297	232,818	228,231
Dedicated Irrigation	540,451	425,485	465,802	517,671
Non-Revenue Water	78,911	44,569	46,878	52,458
Total	1,228,492	1,221,384	1,238,931	1,323,725
mgd equivalent	2.52	2.50	2.54	2.71

Notes: The new SESI Central Energy Facility uses 70% less water than the former Cogeneration Facility, which caused the commercial/industrial demand to decrease beginning in April 2015. Due to the differing bill period schedules of SFPUC and Stanford, reporting for the Annual Surveys between 2011 and 2015 included the difference between Production and total Consumption within the customer categories. The difference between Production and Consumption totals includes both the different bill period schedules of SFPUC and Stanford, and actual unaccounted for water. Beginning in the 2015-2016 Annual Survey the full difference is reported in the "Non-Revenue Water" category.

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	n/a	n/a	n/a	n/a
Gross	78	74	68	74

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
Reservoir 3 (Formerly San Juan*)		1,500,000

Total 9,500,000

*Rehabilitated reservoir was brought into service in November 2019.

Wells

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

Interties

Name	No.	Diameter (in.)
Roth Way	1	8
Sandhill	1	8
Palo	2	8

**Actual total well capacity will be less than total indicated. Simultaneous pumping of wells will affect the individual well pumping rates. Wells are periodically taken out of service for maintenance

City of Sunnyvale

Environmental Services Department
 P.O. Box 3707
 Sunnyvale, California 94088-3707

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

Web: <http://sunnyvale.ca.gov/Departments/EnvironmentalServices/Water.aspx>

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	159,673
Number of Accounts	29,580
Number of SF RWS Connections	6
Connections to SF RWS Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	17.63
Avg. Day Purchases from SF RWS (mgd)	10.51
% Demand Met with SF RWS Supplies	59.62%
Maximum Local Water Production (mgd)	0.12
Alternative Supply Sources	Local Groundwater
Interties with Other Agencies	CWS – Los Altos District, 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 SF RWS 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 SF RWS 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 6 active wells, and 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 SF RWS and SCVWD.

The City has 8 ground storage tanks, with a minimum of 1 storage tank in every zone, and 2 additional tanks that are inactive located at a water plant in the City.

The potable distribution system is completely interconnected and includes 3 pressure zones, 13 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	4,490,365	3,866,964	4,585,694	5,129,008
Santa Clara Valley WD	3,561,374	3,493,579	3,475,209	3,412,853
Local Groundwater	58,775	54,637	65,880	61,376
Surface Water	0	0	0	0
Recycled Water	134,003	53,557	0	0
Other	0	0	0	0
Total	8,244,518	7,468,737	8,126,783	8,603,237
mgd equivalent	16.90	15.31	16.65	17.63

Demand by Sector

Residential	4,578,634	4,218,393	4,301,134	4,569,826
Commercial/Industrial	1,525,048	1,420,780	1,469,388	1,613,287
Other	90,000	79,468	92,986	69,154
Dedicated Irrigation	1,370,146	1,139,508	1,323,627	1,361,131
Non-Revenue Water	680,690	610,588	939,648	989,839
Total	8,244,518	7,468,737	8,126,783	8,603,237
mgd equivalent	16.90	15.31	16.65	17.63

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	60	55	56	59
Gross (Less Recycled Water)	106	97	106	110

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 (1).	2.0	Active
Hamilton (2).	2.0	Active
Losse		Standby
Central	0.7	Destroyed
Schroeder		Destroyed
Total	11.1	

Interties

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

Westborough Water District

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

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	13,486
Number of Accounts	3,958
Number of SF RWS Connections	1
Connections to SF RWS Mains	San Andreas 1, 2, and 3
Avg. Day Demand (mgd)	0.68
Avg. Day Purchases from SF RWS (mgd)	0.68
% Demand Met with SF RWS 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 WWD 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 21-22 (ccf)	Actual FY 22-23 (ccf)	Actual FY 23-24 (ccf)	Actual FY 24-25 (ccf)
San Francisco Water	301,090	339,960	332,246	332,546
Local Groundwater	0	0	0	0
Surface Water	0	0	0	0
Recycled Water	0	0	0	0
Other	26,041	0	0	0
Total	327,131	339,960	332,246	332,546
mgd equivalent	0.67	0.70	0.68	0.68

Demand by Sector

Residential	272,559	261,062	264,166	260,975
Commercial/Industrial	30,987	33,612	34,131	31,649
Other	0	0	0	0
Dedicated Irrigation	35,092	26,790	39,905	31,403
Non-Revenue Water	-11,507	19,239	-5,956	8,519
Total	327,131	339,960	332,246	332,546
mgd equivalent	0.67	0.70	0.68	0.68

Per Capita Use	Actual FY 21-22 (gpcpd)	Actual FY 22-23 (gpcpd)	Actual FY 23-24 (gpcpd)	Actual FY 24-25 (gpcpd)
Residential	41	40	40	40
Gross	50	52	50	51

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	3	8, 10, 10
Daly City	1	12