



Water Delivery & Oversight

Water Purveyors
Other Agencies

Water Purveyors

Water purveyors in Santa Barbara County are those entities responsible for supplying water to customers (residents, businesses, farmers, institutions) within their service area. The water purveyors in Santa Barbara County include cities, public utility companies, special (water) districts, and community services districts.

The purveyors are responsible for complying with all local, state, and federal regulations regarding water production, distribution, and conservation. In addition, each agency must provide regular summaries and updates regarding their activities to local, state and federal agencies.

Public Utility Companies

Public utility companies are private entities that serve the public and are governed by the Public Utilities Commission, which ensures that they meet health and safety requirements and regulations. These utilities have shareholders and a board of directors. There is only one public utility company in Santa Barbara County.

California Cities Water Co.

4854 E. Bradley Rd.
Santa Maria, CA 93455
937-1010 FAX: 934-3240



The California Cities Water Company is a subsidiary of the Southern California Water Company and serves approximately 32,200 customers. They provide potable water for the Orcutt, Sisquoc, Lake Marie, and Tanglewood areas through 11,330 active service connections. The water supplies for this District are groundwater from the Santa Maria Valley Groundwater Basin and surface water from the State Water Project.

Mutual Water Companies

Mutual water companies are private nonprofit entities. The stockholders are landowners who have joined together to develop and use a water supply. Mutual water companies are governed through a board of directors elected by the stockholders.

La Cumbre Mutual Water Company

695 Via Tranquila
Santa Barbara, CA 93110
967-2376 FAX: 967-8102



The La Cumbre Mutual Water Company operates as a nonprofit mutual water company under the laws of the State of California and was organized solely for the purpose of delivering water to its stockholders at cost. The Company serves the communities of Hope Ranch and Hope Ranch Annex, serving approximately 4,900 people with 1,400 active service connections. The water supplies for this Company are groundwater from the Goleta North Central and the Foothill Groundwater Basins, and surface water from the State Water Project.

Cities

Incorporated cities provide certain municipal functions, governed by a city council, including but not limited to police protection, land use planning, building safety, and street maintenance. The following cities provide additional services including potable water production and distribution:

City of Buellton

P.O. Box 1819
Buellton, CA 93427
688-5177 FAX: 686-0086



The City of Buellton furnishes potable water to 3,840 customers through 990 active service connections. The water supplies for this District are wells tapping the Buellton Uplands Groundwater Basin, the Santa Ynez River Riparian Basin, and State Water Project water.

City of Guadalupe

Department of Public Works
918 Obispo St.
Guadalupe, CA 93434
343-1340 FAX: 343-5512



The City of Guadalupe serves approximately 6,500 residents with 1,570 active water service connections. The water supplies for this community come from groundwater in the Santa Maria Valley Groundwater Basin and the State Water Project.

City of Lompoc

P.O. Box 8001
Lompoc, CA 93438-8001
736-1261 FAX: 736-5347



The City of Lompoc has 9,170 active service connections providing water for a population of 42,450. All water provided by the City of Lompoc comes from the Lompoc Groundwater Basin.

City of Santa Barbara

P.O. Box 1990
Santa Barbara, CA 93102
564-5460 FAX 564-5467
http://www.ci.santa-barbara.ca.us/departments/public_works/water_resources/



The City of Santa Barbara has approximately 25,100 active service connections serving a population of 95,000. The sources of water for the City are numerous. They include the Cachuma Project; the Gibraltar Reservoir; groundwater from the Foothill Groundwater Basin and the Santa Barbara Groundwater Basin; the State Water Project; recycled wastewater and desalination, which is used during droughts and emergencies.

City of Santa Maria

Public Works
110 E. Cook Street
Santa Maria, CA 93454
925-0951 x220 FAX: 928-4995



The City of Santa Maria serves 72,000 people with 16,590 service connections. The sources of water for the City include groundwater from the Santa Maria Groundwater Basin and the State Water Project.

City of Solvang

P.O. Box 107
Solvang, CA 93464
688-5575 FAX: 686-2049



The City of Solvang has 1,890 active water connections serving a population of 5,300. The water supplies for the City are the Santa Ynez Uplands Groundwater Basin and the Santa Ynez River Riparian Basin.

Water Districts

Water Districts are political subdivisions of the State of California organized under Division 12 of the California Water Code. They were formed for the purposes of furnishing potable water within their districts.

Carpinteria Valley Water District

P.O. Box 578
Carpinteria, CA 93013
684-2816 FAX: 684-3170



The Carpinteria Valley Water District serves a population of 16,250 with 4,090 active water connections. The water for this District is supplied through the Carpinteria Valley Groundwater Basin, the Cachuma Project and the State Water Project for urban and agricultural use.

Goleta Water District

4699 Hollister Ave.
Goleta, CA 93110
964-6761 FAX: 964-7002
<http://www.goletawater.com>



The Goleta Water District serves a population of 75,000 with approximately 14,860 active service connections. The water supplies for this District include the Goleta North/Central Groundwater Basin, the Cachuma Project, and the State Water Project. The Goleta Water District also treats and distributes reclaimed water to various golf courses, U.C. Santa Barbara and other sites for irrigation and agricultural purposes.

Montecito Water District

P.O. Box 5037
Santa Barbara, CA 93150
969-2271 FAX: 969-7261
<http://www.montecitowater.com>



The Montecito Water District serves the communities of Montecito and Summerland, a population of approximately 13,100, with 3,990 active service connections. The water supplies for this District include groundwater from the Montecito Groundwater Basin, the Cachuma Project, the State Water Project, Jameson Lake, Fox and Alder Creeks, and Doulton Tunnel.

Community Services Districts

Community Services Districts are established as local government agencies under California Government Code Section 61000, *et seq.*, for the purpose of providing various municipal services to unincorporated communities in the county. The following Community Services Districts provide water service for residents and businesses within their districts and may provide other services including wastewater collection and treatment, street-lighting, and street sweeping.

Cuyama Community Services District

P.O. Box 368
New Cuyama, CA 93254
766-2780

The Cuyama Community Services District has 242 active service connections and serves a population of approximately 820 people. The water supplies for this District come from the Cuyama Groundwater Basin.

Los Alamos Community Services District

P.O. Box 675
Los Alamos, CA 93440
344-4195



The Los Alamos Community Services District has 418 active service connections that provide water for approximately 1,300 people. The groundwater in the San Antonio Groundwater Basin is the source of water for this District.

Mission Hills Community Services District

1550 E. Burton Mesa Blvd.
Lompoc, CA 93436
733-4366 FAX: 733-4188

The Mission Hills CSD serves 3,200 people with 1,100 active service connections. The Mission Hills water supply comes from the Lompoc Groundwater Basin.

Vandenberg Village Community Services District

3757 Constellation Road
Lompoc, CA 93436
733-3417 FAX: 733-2109
e-mail: vcasd@impulse.net
<http://www.impulse.net/~vcasd>



The Vandenberg Village Community Services District serves 5,970 customers with 2,130 active water connections. The water supply for this District comes from the Lompoc Groundwater Basin.

Other Agencies

Water Conservation Districts

Water Conservation Districts are special districts formed to oversee water conservation and ground-water management and operate pursuant to the Water Conservation District Law, Water Code §74000 *et seq.*

Santa Maria Valley Water Conservation District

110 S. Lincoln
Santa Maria, CA 93455
925-5212 FAX: 739-0763

The Santa Maria Valley Water Conservation District operates Twitchell Dam and Reservoir and supports water conservation projects within the Santa Maria Valley. The District encompasses the northern half of the Santa Maria Valley including the City of Guadalupe and the northern portion of the City of Santa Maria. It extends from a point east of the town of Sisquoc almost to the Pacific Ocean on the west and from Oso Flaco Lake on the north to Guadalupe Lake on the south. In general, the District includes the land within the historical flood plain of the Santa Maria River, most of which is irrigated farmland.

Santa Ynez River Water Conservation District Improvement District #1

P.O. Box 157
Santa Ynez, CA 93460
688-6015 FAX: 688-3078



The Santa Ynez River WCD ID#1 serves approximately 8,300 people with 2,240 active service connections. It was formed by the Santa Ynez River Water Conservation District in 1960 for the purposes of furnishing potable water within the communities of Santa Ynez, Los Olivos, Ballard, and the City of Solvang. The water supplies for this District include the Cachuma Project, the State Water Project, and groundwater from the Santa Ynez Upland Groundwater Basin and the Santa Ynez River Riparian Basin.

Santa Ynez River Water Conservation District

P.O. Box 719
Santa Ynez, CA 93460-0719
693-1156 FAX: 688-8065

The SYRWCD protects water rights and provides supplies by managing releases of water from Bradbury Dam to replenish the Santa Ynez River Riparian Basin and the Lompoc Groundwater Basin. It also provides groundwater management planning and related activities on the uplands adjacent to the river throughout the watershed. The District runs from the Pacific Ocean inland to encompass much of the Santa Ynez River watershed including Lake Cachuma and the Cities of Lompoc, Buellton and Solvang. It also operates pursuant to the Water Replenishment District Act (Water Code 60000 *et seq.*) within portions of the watershed where groundwater management plans have been adopted (Water Code 19750 *et seq.*).

Other Entities

Cachuma Operations and Maintenance Board

3301 Laurel Canyon Road
 Santa Barbara, CA 93105
 687-4011/687-0959 FAX: 569-5825

The Cachuma Operations and Maintenance Board (COMB) was formed as part of the Cachuma Project, which was constructed in the early 1950s to deliver water to the Santa Ynez Valley and South Coast communities. Construction was completed by the Bureau of Reclamation, under contract with the Santa Barbara County Water Agency (SBCWA) on behalf of the Cachuma Project Member Units (City of Santa Barbara, Goleta Water District, Montecito Water District, Carpinteria Valley Water District, and the Santa Ynez River Conservation District, Improvement District #1). COMB has operated and maintained the Cachuma Project facilities, other than Bradbury Dam, since 1956 when the Board was formed to take over these responsibilities from the Bureau of Reclamation.

Central Coast Water Authority

255 Industrial Way
 Buellton, CA 93427
 688-2292 FAX: 686-4700
<http://www.ccwa.com/>



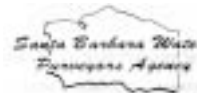
The CCWA was formed in 1991 to construct, manage, and operate Santa Barbara County's 42-mile portion of the State Water Project. Member agencies (project participants) of the Central Coast Water Authority include cities, special water districts and public utility companies (see the State Water Project section of this report).

Santa Barbara County Water Agency

See Regulatory Agencies section.

Santa Barbara Water Purveyors Agency

1020 David Road
 Santa Maria, CA 93455
 937-5241



The Santa Barbara Water Purveyors Agency was formed in the early 1980s to aid the local water purveyors in coordinating their planning and operations of water supplies, their administration of basins and water developments, and their development and distribution of water. In addition, membership with the Agency strengthens the relations between the purveyors and with agencies of the city, county, state and federal governments. The group utilizes Project Service Agreements to finance and conduct projects and programs of mutual interest to all or some member agencies.

Vandenberg Air Force Base

30th Space Wing Environmental Public Affairs
 806 13th Street, Suite 116
 Vandenberg Air Force Base, CA 93437
 734-8232 ext. 6-2071

Vandenberg Air Force Base (VAFB) began operation in 1957 when 86,000 of central coast property was transferred from the United States Army to the United States Air Force. The Base hosts and supports various water use categories including residential housing, schools, recreational parks, wildlife reserves, shopping centers, industrial maintenance, airfield operations, and various other mission-related activities. VAFB has an estimated system demand of approximately 4,500 AFY. The sources of water for the Base include groundwater and SWP water.



Water Use

Urban Water Use
Agricultural Water Use
Predicting Future Use

Urban Water Use

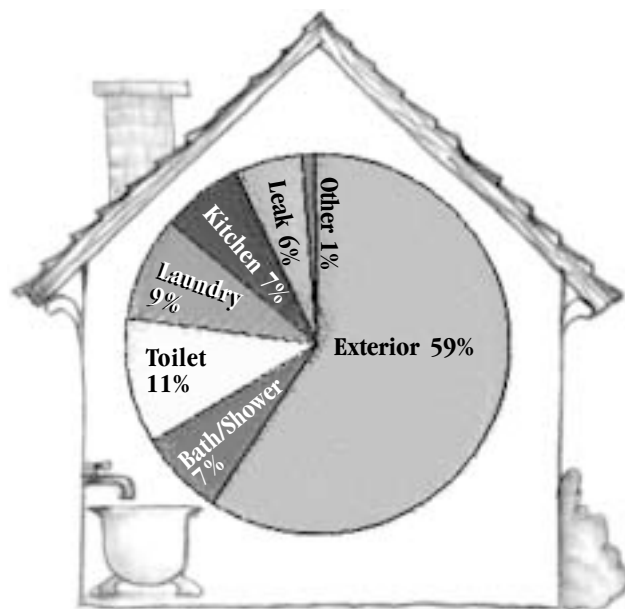
M&I use, which supplies *urban users*, includes all commercial, industrial, residential and institutional uses. Most M&I use is supplied by water purveyors, though a small number of people have private groundwater wells or belong to a mutual water company that serves their water.

Per-Capita Use

Per-capita use is the average amount of water used by individual residential customers each year, including water that they do not directly use but which benefits them such as fire fighting, park and school irrigation, commercial water use and other municipal and industrial (M&I) water uses. Per-capita use is usually derived by dividing the total M&I use by the total service area population.

Per-capita demand (use) rates are calculated on an annual basis. Evaluating per-capita use is an important way to track water use trends and monitor the effectiveness of water use efficiency programs because per-capita rates factor out the influence of growth – new customers – on fluctuations in demand.

Water Use in the Average Home



The amount of water that is used by customers is influenced by a wide variety of factors: climate variations; the types of water using appliances, plumbing fixtures and irrigation systems used by customers; socioeconomic differences among customers; the price of water; customer awareness of water resources and the need for efficiency; the presence or absence of droughts; varying behavior and beliefs of water users; and the types of programs in place to promote efficient use by the retail water purveyors. See the following tables: County Historical Per-Capita Water Use and 1998 Urban Water Use Summary for detailed information by water purveyor.

Santa Barbara County's Population

The county has a population of over 409,000 with seven incorporated cities:

City	Population (1999)
Santa Barbara	95,000 (County Seat)
Santa Maria	72,000
Lompoc	42,450
Carpinteria	14,950
Guadalupe	6,500
Solvang	5,300
Buellton	3,840

e unincorporated area, with a population of 2,200 includes several communities, among them:leta, Orcutt, Los Alamos, Isla Vista, Los Olivos, nta Ynez, Vandenberg Village, New Cuyama, mmerland, Montecito, Mission Hills, Hope Ranch, nturopa, Casmalia, Gaviota and others.

e largest employment categories in the county:

- Services
- Wholesale and retail trade
- Public administration
- Education
- Manufacturing

1998 Urban Water Use Summary

WATER PURVEYOR	Population Served (Number of People)	Total M&I* Water Demand (AFY)	Per-Capita Water Use (gallons per person per day)	Single-Family Residential (AFY)	Multi-Family Residential (AFY)	Commercial Institutional (AFY)	Industrial (AFY)	Landscape Irrigation (AFY)
City of Buellton	3,500	806	206	295	102	216	52	63
Cal-Cities Water - Orcutt	32,172	7,394	205	N/A	N/A	N/A	N/A	N/A
Carpinteria Valley Water Dist.	16,250	2,192	120	1,583	(Combined w/single family)	431	129	49
Cuyama CSD	820	166	180	117	0	9	0	40
Goleta Water District	75,000	8,863	103	3,875	2,317	2,260	0	211
City of Guadalupe	6,450	574	79	425	12	112	0	25
La Cumbre Mutual Water Co.	4,900	1,258	229	1,258	0	0	0	0
City of Lompoc	39,149	4,264*	97	2,123	1,237	660	22	201
Los Alamos CSD	1,300	238	170	136	44	24	0	31
Mission Hills CSD	3,200	540	151	257	0	12	0	0
Montecito Water District	13,100	3,829	261	2,989	153	402	0	285
City of Santa Barbara	95,064	11,336	111	4,994	3,176	2,087	565	1,104
City of Santa Maria	69,326	9,983	129	5,172	1,850	2,556	359	0
Santa Ynez River WCDID#1	8,298	2,482	267	2,436	0	0	0	0
City of Solvang	5,242	1,277	217	712	132	298	0	126
Vandenberg Village CSD	5,971	1,071	160	825	29	114	0	103

* Includes other water use not identified by one of the other categories listed
M&I (Municipal and Industrial) refers to all urban use, not including agricultural irrigation



Urban Use: 26%

S.B. County Historical Per-Capita Water Use							
	Gallons/Person/Day						
	1992*	1993	1994	1995	1996	1997	1998
City of Buellton	230	227	213	228	232	253	206
California Cities Water Co.	199	193	235	229	249	343	205
Carpinteria Valley Water Dist.	108	113	130	130	127	131	120
Cuyama CSD	183	NR	187	188	205	238	180
Goleta Water District	98	107	101	140	161	131	103
City of Guadalupe	108**	96**	NR	72	83	88	79
La Cumbre Mutual Water Co.	241	241	283	250	259	307	229
City of Lompoc	113	112	114	112	120	109	97
Los Alamos CSD	NR	NR	160	218	191	170	NR
Mission Hills CSD	170	175	174	168	NR	NR	151
Montecito Water District	268	269	199	270	249	325	261
City of Santa Barbara	99	104	109	115	120	126	111
City of Santa Maria	168	165	155	159	173	137	129
Santa Ynez River WCD, ID#1	212	NR	327	NR	198	366	267
City of Solvang	353	353	NR	252	262	262	217
Vandenberg Village CSD	192	179	179	179	206	NR	160
NR = Not reported * First post-drought year **Based on water production, not sales/use (per City of Guadalupe)							

Agricultural Water Use



Agricultural Use: 74%

Agricultural use refers to all water used for crop irrigation and production/processing. In Santa Barbara County, most agricultural water supplies are obtained from private groundwater wells. Some farmers on the South Coast buy some or all of their

water from a water purveyor. Information about total agricultural water use in the county is derived from two sources: 1) water purveyors that serve farmers, and 2) estimates of irrigation water use based on consumptive use factors for each crop type (provided by the Department of Water Resources and the U.C. Cooperative Extension) multiplied by the number of acres of various crops in the county (obtained from the annual Crop Report published by the County Agricultural Commissioner's Office). See the following tables for detailed crop information and agricultural water use information by water purveyor: Santa Barbara County Historical Harvested Acres; Irrigation Water Use for Major Crops Grown; and Santa Barbara County Agricultural Water Use.

Irrigation Water Use for Major Crops Grown

Crop (acre-feet)/acre/ season	South Coast	Santa Maria/ Lompoc	Santa Ynez, Los Alamos, Sisquoc	Cuyana Valley
Vegetables				
Broccoli/Cabbage		1.4	1.7	
Cauliflower		1.7	2.5	
Carrots		2.3	2.2	3.0
Celery		2.2	2.2	
Lettuce		1.1	1.5	
Potatoes		1.7	2.5	
Strawberries	3.0	2.7		
Tomatoes	1.5	1.7		
Field Crops				
Beans		1.0	1.3	1.5
Corn, field		1.8	2.2	2.8
Grain, irrigated		0.5	0.8	1.5
Sugar Beets		3.0	3.2	4.0
Alfalfa		3.0	3.5	4.3
Fruit and Nut Crops				
Avocados	1.6	1.7		
Deciduous Fruits		1.7	2.5	3.8
Grapes		1.2	2.0	
Lemons	1.5	1.6		
Walnuts	1.5	1.8	3.3	
Nursery Products				
Cut flowers/field	1.8	1.8		
<i>Greenhouse</i>				
Carnations	2.5			
Mums, pompom	4.0			
Mums, potted	5.5			
Turfgrass	2.7	2.7	3.5	4.0

Adapted from the *Irrigation Water Use for Major Crops Grown in Santa Barbara County: Estimates of Amounts of Water Applied under Normal Conditions in Four Climatic Areas of Santa Barbara County*.

These figures are based on typical practices of local growers and show the amount of water applied in addition to rainfall (assuming average rainfall for each climatic zone). These figures allow only enough water to satisfy the plants' requirements, to leach salts, and to facilitate the application of water, without waste.

The figures are for the whole season for that particular crop. For land used for several crops in one year, the water used is shown separately for each crop. The units used are acre-feet of water per acre per season.

Santa Barbara County Historical Harvested Acres							
	1992	1993	1994	1995	1996	1997	1998
Harvested Acreage by Crop							
Vegetable Crops	58,234	56,971	58,941	61,543	65,214	63,759	67,530
Field Crops	623,593	619,111	621,063	620,607	616,871	620,066	615,924
Fruit and Nut Crops	25,997	26,106	26,247	25,197	25,689	24,526	25,833
Nursery Products	2,375	2,538	1,510	1,539	1,707	2,067	2,238
Seed Crops	3,852	2,686	3,165	3,002	3,274	3,615	2,143
Leading Crop Acreages							
Broccoli	20,757	19,229	21,666	21,698	22,006	21,860	23,130
Head Lettuce	9,909	9,335	10,060	11,343	11,707	11,409	12,711
Grapes	9,532	9,214	9,624	8,731	9,018	9,369	10,799
Avocados	9,561	9,041	9,368	8,772	8,748	8,381	8,316
Cauliflower	8,920	8,515	8,140	7,733	7,944	8,196	8,839

Santa Barbara County Agricultural Water Use			
Water Purveyor	Estimated Acre-feet for 2000*	Private Wells	Estimated Acre-feet for 2000*
Carpinteria Co. Water District	2,188	Cuyama Valley	15,300
Goleta Water District	2,598	San Antonio Valley	17,020
La Cumbre Mutual Water Co.	103	Santa Maria Valley	117,852
Montecito Water District	538	Santa Ynez Valley	59,980
City of Santa Barbara	81	South Coast	28,255
Santa Ynez River Water Cons. District	2,812		
Total Agricultural Water Use			246,727

* These figures are based on forecasts made by water districts and the Department of Water Resources, estimating the number of acres in production and types of crops grown.

Predicting Future Use

The amount of water used in Santa Barbara County varies from one area to another and from one year to the next. Information about how and where water is used for different purposes is collected and compiled by the Santa Barbara County Water Agency (SBCWA). Every year, the SBCWA gathers water production (how much water is produced from each source) and demand (how much water is used by metered customers) figures from water purveyors throughout the county. The data collected from each retail water purveyor includes water produced from all sources, water delivered to all customers by class (single-family, multi-family, commercial, industrial, and landscapes) and the total number of customers.

Understanding water use, and predicting future water demand, is not an exact science. It is nearly impossible to account for or predict all of the variable factors (listed above) that influence water use. Municipalities and water purveyors must develop estimates based on their best knowledge of water



use patterns and project growth rates in their service areas. Some communities in California have developed water use forecasting models that are designed to calculate future demand based on a variety of assumptions about population, water efficiency programs, water prices, and climate. As water becomes more scarce and expensive, these models will be refined and more communities will use such models in planning for how they will meet the future needs of their customers.

For More Information

City of Santa Barbara:
http://www.ci.santa-barbara.ca.us/departments/public_works/water_resources/

Goleta Water District:
www.goletawater.com

Montecito Water District: <http://www.montecitowater.com/>

Santa Barbara County Agricultural
Commissioner's Office: <http://www.co.santa-barbara.ca.us/agcomm/>

Santa Barbara County Water Agency: <http://www.publicworkssb.org/water/>

University of California Cooperative Extension
Santa Barbara County: <http://www.sbceo.K12.ca.us/~uccesbl/>