

ALAMEDA COUNTY WATER DISTRICT

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LOCATION AND SIZE

Alameda County Water District supplies water to the cities of Fremont, Newark, and Union City. As of January 2002, the combined population of the three cities was 322,450. The District's service area consists of approximately 103 square miles in southwestern Alameda County and is characterized by single-family, owner-occupied homes.

BUDGET AND WORKFORCE

ACWD is funded mainly by water sales. County property taxes, State Water Project taxes, and developers' fees also generate additional revenue. For FY 2001-02, ACWD had an operating budget of \$87.5 million and a full-time staff of 210. This year's (FY 2002-03) budget has been set at \$65.2 million. ACWD's capital improvement program has identified capital project needs of about \$20 million per year during the five-year period 1999 through 2004.

WATER SUPPLY AND DISTRIBUTION

<u>Supply By Source</u>	<u>Actual</u> <u>FY 99-00</u> <u>(ccf)</u>	<u>Actual</u> <u>FY 00-01</u> <u>(ccf)</u>	<u>Actual</u> <u>FY 01-02</u> <u>(ccf)</u>
San Francisco Water	6,163,900	5,733,919	5,853,104
Local Groundwater	8,818,983	9,064,527	7,918,594
Surface Water	2,221,835	2,063,111	1,064,701
Other	<u>7,450,090</u>	<u>7,672,679</u>	<u>9,204,406</u>
Total	24,654,808	24,534,236	24,040,805
mgd equiv	48.0	50.28	49.27

ACWD has three sources of supply. The State Water Project (via the South Bay Aqueduct) supplies about 55% of the District's demand. This water is treated and distributed or used to recharge local aquifers. Hetch Hetchy water purchased from the San Francisco Public Utilities Commission supplies about 30% of the District's demand. About 90% of the purchased SFPUC water is routinely blended with water pumped from

ALAMEDA COUNTY WATER DISTRICT Cont'd

the local groundwater basin. Local run-off, which is used for groundwater recharge, supplies the remaining 15% of the District's demand. When available (as was the case for FY 2001-02) local surface water from Del Valle Reservoir can be released to ACWD via the South Bay Aqueduct.

ACWD operates two water treatment plants, Mission San Jose and Water Treatment Plant #2, which receive surface water from the South Bay Aqueduct. Hetch Hetchy water, blended with groundwater at the District's Blending Facility, constitutes the balance of supply. Groundwater is pumped at two well fields -- the Peralta-Tyson Field, which contains eight active wells, and the Mowry Field, which contains eight active wells.

ACWD has 12 distribution reservoirs with a maximum working capacity of 80.4 million gallons, which, in the case of an emergency, could meet the average daily demand for up to two days.

WATER DEMAND/CUSTOMER BASE/PER CAPITA USE

<u>Demand by Sector</u>	<u># Accts*</u>	<u>Actual FY 99-00 (ccf)</u>	<u>Actual FY 00-01 (ccf)</u>	<u>Actual FY 01-02 (ccf)</u>
Residential	72,621	15,348,964	15,799,737	15,305,320
Commercial/Industrial	3,701	5,666,349	5,550,759	5,242,991
Other	1,078	1,504,138	1,565,165	1,583,044
Unaccounted for		<u>2,135,357</u>	<u>2,68,575</u>	<u>1,909,450</u>
Total	77,400	24,658,808	24,534,236	24,040,805
mgd equiv		48.0	50.28	49.27
Service Area Pop		318,250	319,400	322,450
Per Capita Use (gpcpd)				
Residential		99	101	97
Total		159	157	153

In FY 2001-02, residential accounts accounted for 94% of the District's 77,400 service connections and 64% of total water demand.

*AKA service connections or meters. The amounts shown reflect the average number of accounts for FY 2001-02.