

City of Pittsburg Water System

Water Supply: Pittsburg obtains approximately 90 percent of its raw water supply from the Contra Costa Water District (CCWD) through the US Bureau of Reclamation (USBR) Central Valley Project (CVP). CCWD's raw water service area includes Pittsburg and Antioch, Bay Point, portions of Brentwood, Concord, Martinez, and Oakley and portions of Pleasant Hill. The raw water is conveyed to Pittsburg through the Contra Costa Canal.

CVP water includes regulated and unregulated flows from storage releases from Shasta, Folsom, and Clair Engle reservoirs into the Sacramento River. CCWD's long-term CVP contract was renewed in May 2005 for a 40-year term. The contract provides for a maximum delivery of 195,000 acre-feet per year (af/yr) with delivery reductions during water shortages due to regulatory restrictions and drought. The Municipal and Industrial Water Shortage Policy was developed by USBR to establish CVP water supply levels that would sustain urban areas during severe or continuing droughts. The Policy provides for a minimum allocation of 75 percent of adjusted historical use until irrigation allocations fall below 25 percent.

To augment the water supply purchased from CCWD, Pittsburg has two wells that have a combined yield of 1,500 af/yr. To improve reliability in the event of CVP delivery reductions and as a cost control measure, the City is constructing a new well with an estimated yield of 1,000 af/yr. As this well will replace an older well with poorer water quality, the yield of both wells should be 2,000 af/year. There are no issues with groundwater quality in the Pittsburg area that require treatment beyond that which is provided at the Pittsburg Water Treatment Plant (PWTP).

PITTSBURG WATER TREATMENT PLANT

Water System: The City of Pittsburg Water System operates and maintains a thirty-two million gallon per day water treatment plant, two wells, eight distribution reservoirs and five booster stations. The reservoirs serve four (4) pressure zones and have a total capacity of 17 million gallons. They provide operational, emergency and fire flow storage.

The City averages 11 million gallons per day of water use with a peak of 17 million gallons in the summer. The City's water distribution system consists of approximately 150 miles of water mains, and includes 3,576 valves, 16,000 meters and service lines, and 1,300 fire hydrants.

