

## City of East Palo Alto

2415 University Ave.  
East Palo Alto, CA 94303

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

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

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

### Service Area

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

### System

#### Profile

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

### Summary

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

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

## Water Supply and Demand

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

### Demand by Sector

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

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

## Facilities and Distribution

### Wells

| Name         | Capacity<br>(gpm) | Status  |
|--------------|-------------------|---------|
| EPACWD Well  | 0.2               | Standby |
| <b>Total</b> | <b>0.2</b>        |         |

### Interties

| Name       | No. | Diameter<br>(in.) |
|------------|-----|-------------------|
| Palo Alto  | 1   | 6                 |
| O'Connor   | 1   | 6                 |
| Menlo Park | 1   | 6                 |