

## City of Menlo Park

Menlo Park Municipal Water Department  
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### 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                            | 4 square miles   |
| Service Population                   | 14,139   |
| Number of Accounts                   | 4,104  |
| Number of SFPUC Connections          | 5  |
| Connections To SFPUC Mains           | Ivy Drive at Hill, Chilco and Madera to BDPL 1 and 2, Sharon Park Drive at Lassen to BDPL 3 and 4, El Camino Real and Middle to Palo Alto Pipeline |
| Avg. Day Demand (mgd)                | 3.19   |
| Avg. Day Purchases From SFPUC (mgd)  | 3.19   |
| % Demand Met With SFPUC Supplies     | 100%   |
| Maximum Local Water Production (mgd) | 0  |
| Alternative Supply Sources           | None   |
| Interties With Other Agencies        | CWS - Bear Gulch District, Redwood City, East Palo Alto, O'Conner Tract Water Coop, Palo Alto Park Mutual Water Co.                                |
| Local Storage (mg)                   | 5.5 mg   |
| Days of Storage                      | 0.65   |

#### Summary

The City of Menlo Park purchases most of its water directly from the SFPUC, and the remainder from East Palo Alto, whose source is also SFPUC. One SFPUC 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. The distribution system includes one pump station, two storage reservoirs, and 59 miles of mains.

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, East Palo Alto and Palo Alto Park Mutual Water Co. CWS is the primary emergency source of water for Menlo Park.

## Water Supply and Demand

| Supply by Source       | Actual<br>FY 06-07<br>(ccf) | Actual<br>FY 07-08<br>(ccf) | Actual<br>FY 08-09<br>(ccf) | Actual<br>FY 09-10<br>(ccf) |
|------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| San Francisco Water    | 1,735,075                   | 1,801,894                   | 1,576,076                   | 1,513,093                   |
| East Palo Alto - SFPUC | 0                           | 55,194                      | 52,199                      | 43,708                      |
| Local Groundwater      | 0                           | 0                           | 0                           | 0                           |
| Surface Water          | 0                           | 0                           | 0                           | 0                           |
| Recycled Water         | 0                           | 0                           | 0                           | 0                           |
| Other                  | 0                           | 0                           | 0                           | 0                           |
| <b>Total</b>           | <b>1,735,075</b>            | <b>1,857,088</b>            | <b>1,628,275</b>            | <b>1,556,801</b>            |
| <b>mgd equivalent</b>  | <b>3.56</b>                 | <b>3.81</b>                 | <b>3.34</b>                 | <b>3.19</b>                 |

### Demand by Sector

|                       |                  |                  |                  |                  |
|-----------------------|------------------|------------------|------------------|------------------|
| Residential           | 758,543          | 748,048          | 721,684          | 647,790          |
| Commercial/Industrial | 720,975          | 707,715          | 602,191          | 548,276          |
| Other                 | 268,245          | 300,804          | 280,247          | 90,844           |
| Dedicated Irrigation  | 0                | 0                | 0                | 142,781          |
| Unaccounted for       | -12,688          | 100,521          | 24,153           | 127,110          |
| <b>Total</b>          | <b>1,735,075</b> | <b>1,857,088</b> | <b>1,628,275</b> | <b>1,556,801</b> |
| <b>mgd equivalent</b> | <b>3.56</b>      | <b>3.81</b>      | <b>3.34</b>      | <b>3.19</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    | 152                           | 149                           | 105                            | 94                            |
| Gross          | 347                           | 369                           | 236                            | 226                           |

\* The City of Menlo Park recounted its service population during FY 2008-09 and adjusted it up from 10,308 to 14,139.

## Facilities and Distribution

### Storage Reservoirs

| Designation  | Type    | Capacity<br>(mg) |
|--------------|---------|------------------|
| Reservoir 1  | Storage | 2.0              |
| Reservoir 2  | Storage | 3.5              |
| <b>Total</b> |         | <b>5.5</b>       |

### Interties

| Name             | No. | Diameter<br>(in.) |
|------------------|-----|-------------------|
| CWS – Bear Gulch | 3   | 6, 8, 10          |
| East Palo Alto   | 1   | 12                |
| O'Conner Tract   | 1   | 6                 |
| Redwood City     | 1   | 6                 |
| Palo Alto Park   | 1   | 6                 |