

## Estero Municipal Improvement District

610 Foster City Boulevard

Foster City, California 94404-2299

Phone (650) 286-3270 Fax (650) 345-4626

Web: <http://www.fostercity.org/Services/water/index.cfm>

### Service Area

Estero Municipal Improvement District is located in central San Mateo County immediately adjacent to the Bay, and serves the City of Foster City and a part of the City of San Mateo, an area predominantly residential with a broad cross-section of commercial and light industrial development.

### System

#### Profile

Area Size	4 square miles
Service Population	36,100
Number of Accounts	8,321
Number of SFPUC Connections	1
Connections To SFPUC Mains	Crystal Springs #2
Avg. Day Demand (mgd)	4.90
Avg. Day Purchases From SFPUC (mgd)	4.90
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	CWS - San Mateo, Mid-Peninsula Water District
Local Storage (mg)	20
Days of Storage	2.0 - EMID can meet the 8 hr. criteria on maximum day

### Summary

Estero Municipal Improvement District's sole source of supply is SFPUC through a turnout located on Crystal Springs Road in the City of San Mateo. Water from the turnout fills storage tanks located in the northwest corner of the district.

The distribution system consists of 2 water pressure reducing stations, 4 storage tanks, 1 pump station, and 1 pressure zone.

EMID has connections in the southern half of the district to CWS - San Mateo and the Mid-Peninsula Water District for emergency water supply.

## Water Supply and Demand

Supply by Source	Actual FY 06-07 (ccf)	Actual FY 07-08 (ccf)	Actual FY 08-09 (ccf)	Actual FY 09-10 (ccf)
San Francisco Water	2,747,662	2,691,080	2,538,289	2,392,839
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>	2,747,662	2,691,080	2,538,289	2,392,839
<b>mgd equivalent</b>	5.63	5.51	5.20	4.90

### Demand by Sector

Residential	1,559,496	1,576,730	1,503,735	1,490,075
Commercial/Industrial	237,397	242,449	232,791	229,958
Other	681,968	667,146	629,541	41,563
Dedicated Irrigation	0	0	0	556,285
Unaccounted for	268,801	204,755	172,222	74,958
<b>Total</b>	2,747,662	2,691,080	2,538,289	2,392,839
<b>mgd equivalent</b>	5.63	5.51	5.20	4.90

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	93	90	85	85
Gross	164	153	144	136

## Facilities and Distribution

### Storage Reservoirs

Designation	Type	Capacity (mg)
Storage Tank 1	Steel	4
Storage Tank 2	Steel	4
Storage Tank 3	Steel	4
Storage Tank 4	Conc.	8
<b>Total</b>		20

### Interties

Name	No.	Diameter (in.)
CWS - San Mateo	1	12
Mid-Peninsula	1	12