

## Purissima Hills Water District

26375 Fremont Road  
 Los Altos Hills, California 94022-2699  
 Phone: (650) 948-1217 Fax: (650) 948-0961

### Service Area

The Purissima Hills Water District provides service to two-thirds of the Town of Los Altos Hills, a rural community adjacent to the City of Palo Alto, and unincorporated county land on the southern boundary. The District serves predominantly single-family homes on minimum one-acre lots. The largest customer is Foothill College.

### System

#### Profile

Area Size	8,600 acres
Service Population	6,060
Number of Accounts	2,128
Number of SFPUC Connections	2
Connections To SFPUC Mains	BDPL 3 and 4
Avg. Day Demand (mgd)	1.75
Avg. Day Purchases From SFPUC (mgd)	1.75
% Demand Met With SFPUC Supplies	100%
Maximum Local Water Production (mgd)	0
Alternative Supply Sources	None
Interties With Other Agencies	CWS - Los Altos, City of Palo Alto
Local Storage (mg)	9.88
Days of Storage	All 4 distribution zones can meet the 8 hr criteria either separately or by pumping from zones with excess capacity

#### Summary

Purissima Hills Water District receives 100% of its water supply from two San Francisco/Hetch Hetchy turnouts located along the Foothill Expressway on the northern edge of the District. The SFPUC supply is gravity-fed through 18" transmission mains to the Deer Creek Pump Station and McCann Tanks at 250 feet above sea level.

All services within the District are gravity fed from tanks in the respective zones. The distribution system consists of 4 pressure zones, 11 tanks, 5 pumping stations, 14 pumps, and 80 miles of pipe.

## 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	1,112,291	1,124,922	980,987	854,854
Recycled Water	0	0	0	0
Other	0	0	0	0
<b>Total</b>	1,112,291	1,124,922	980,987	854,854
<b>Mgd equivalent</b>	2.28	2.31	2.01	1.75

### Demand by Sector

Residential	955,474	985,962	893,723	757,974
Commercial/Industrial	0	0	0	0
Other	66,086	76,645	62,242	45,155
Dedicated Irrigation	0	0	0	6,163
Unaccounted for	90,731	62,315	25,022	45,562
<b>Total</b>	1,112,291	1,124,922	980,987	854,854
<b>Mgd equivalent</b>	2.28	2.31	2.01	1.75

Per Capita Use	Actual FY 06-07 (gpcpd)	Actual FY 07-08 (gpcpd)	Actual FY 08-09 (gpcpd)	Actual FY 09-10 (gpcpd)
Residential	324	334	303	256
Gross	377	381	332	289

## Facilities and Distribution

### Storage Reservoirs

Designation	Type	Capacity (gallons)	Designation	Type	Capacity (gallons)
MC Tank 1	Steel	130,000	A Tank 1	Redwood	200,000
MC Tank 2	Steel	1,000,000	A Tank 2	Cor-ten Steel	250,000
LC Tank 1	Steel	100,000	N Tank 1	Cor-ten Steel	200,000
LC Tank 2	Cor-ten Steel	900,000	N Tank 2	Cor-ten Steel	3,000,000
HH Tank	Concrete	3,100,000	PM Tank	Cor-ten Steel	500,000
E Tank	Steel	500,000			
<b>Total</b>					9,880,000

### Interties

Name	No.	Diameter (in.)
CWS - Los Altos	2	8, 12
City of Palo Alto	2	8, 12