

DATE: February 13, 2017

AGENDA ITEM # 4

TO: Environmental Commission

FROM: J. Logan, Staff Liaison

SUBJECT: Receive report on water conservation and drought measures

#### **BACKGROUND**

The Environmental Commission determined methods for achieving the State's goals for reductions in water consumption. To this effort, the Commission continues to: 1) review and report on water conservation efforts within Santa Clara County; 2) explore model water conservation ordinances and enforcement procedures; 3) gather water consumption data from the City of Los Altos water retailer, Cal Water; 4) formulate water consumption data to display annual and monthly usage in the Climate Action Plan Dashboard; 5) provide education and outreach efforts to residents and commercial establishments in Los Altos; 6) utilize resources from the Santa Clara County Valley Water District; and 7) analyze the provisions in the current City of Los Altos Water Conservation Resolution to determine the effectiveness of water reduction efforts.

At the June 9, 2015 Council meeting, Council adopted Resolution No. 2015-15 for Water Conservation Measures. At the June 23, 2015 Council meeting, Council approved the City of Los Altos agency municipal operations water conservation efforts and approved Level 3 water reduction measures and prioritization.

Effective June 1, 2015, California Water Service (CWD), the Los Altos local water retailer, commenced implementation of Rule 14.1 reduction mandates and monthly water budget allocations for individual water users along with enforcement measures for meeting a 32% reduction in water usage for residents, businesses and for City municipal operations.

### DISCUSSION

The issue of Water Conservation and drought measures will continue to be reviewed. Reports and updates on status of the drought and water conservation efforts will be presented and, in addition, the Commission will monitor the status of water data metrics provided by CWS for use in the CAP Dashboard.

### Attachment:

A. Santa Clara Valley Water District Monthly Drought Status Report - January 2017

# Section 2. Retailers' Water Use and Savings

This section contains detailed water use data from 2013 and 2016, summarizes cumulative water use saving percent, and illustrates cumulative and monthly trends in water use and savings at the water retailer level. [Please see Section 5, Data Collection Methodology for more information]

TABLE 5: 2016 RETAILER CONSERVATION ACTIONS AND SAVINGS SUMMARY

Water Retailer	Call for Savings	Cumulative Water Use (AF)	Monthly Savings December 2016	Cumulative Savings Jan to December 2016	
San Jose Water Co.	20%	103,714	31%	29%	
Santa Clara (City)	20%	17,160	14%	21%	
Sunnyvale	15%	16,491	19%	24%	
San Jose Municipal	20%	15,729	26%	27%	
California Water Service	20%	10,264	42%	32%	
Palo Alto	10%	9,873	24%	27%	
Mountain View	10%	8,741	19%	29%	
Great Oaks	20%	8,911	25%	29%	
Milpitas	20%	8,676	12%	19%	
Gilroy	20%	6,983	21%	25%	
Morgan Hill	20%	6,280	35%	30%	
Purissima Hills Water	10%	1,543	47%	31%	
Stanford	10%	1,470 (Nov <sup>1</sup> )	47% (Nov <sup>1</sup> )	35% (Nov <sup>1</sup> )	
Total		215,836	27%	28%	

Values may not add up due to rounding

<sup>&</sup>lt;sup>1</sup> Current month data not available as of 01/19/2017

## Retailers' Water Use and Savings

TABLE 6: 2016 RETAILER CUMULATIVE AND MONTHLY SAVINGS SUMMARY

Cumulative Water	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to
Retailer Savings	Jan	<u>Feb</u>	Mar	April	May	<u>June</u>	July	Aug	Sept	<u>Oct</u>	Nov	Dec
San Jose Water Company	16%	17%	22%	27%	29%	29%	29%	29%	28%	29%	29%	29%
Santa Clara, city	19%	16%	18%	20%	23%	23%	22%	22%	20%	21%	21%	21%
Sunnyvale	14%	18%	21%	23%	27%	26%	26%	25%	23%	23%	24%	24%
San Jose Municipal Water	11%	16%	22%	26%	29%	28%	28%	28%	27%	27%	27%	27%
California Water Service	35%	33%	37%	39%	38%	35%	33%	31%	30%	31%	32%	32%
Palo Alto	24%	29%	27%	30%	31%	29%	27%	28%	26%	27%	27%	27%
Mountain View	30%	31%	28%	31%	34%	33%	32%	31%	29%	29%	29%	29%
Great Oaks	19%	20%	25%	29%	32%	30%	31%	30%	29%	29%	30%	29%
Milpitas	17%	18%	16%	18%	22%	21%	21%	21%	19%	20%	20%	19%
Gilroy	8%	11%	20%	25%	26%	27%	26%	26%	25%	25%	25%	25%
Morgan Hill	5%	13%	24%	31%	34%	31%	30%	28%	27%	28%	29%	30%
Purissima Hills Water	59%	45%	49%	40%	39%	32%	29%	29%	26%	29%	30%	31%
Stanford	34%	39%	36%	39%	38%	37%	35%	35%	34%	34%	35%	1
Combined Cumulative Savings	18%	19%	23%	27%	29%	29%	28%	28%	27%	27%	28%	28%
Month to Month	Jan to	Feb to	Mar	April	May	June	July to	Aug to	Sept	Oct to	Nov to	Dec
Water Retailer Savings	Jan	Feb	to	to	to	to	July	Aug	to	Oct	Nov	to
	1.00/	100/	Mar	April	May	June	Market .		Sept	2204		Dec
San Jose Water Company	16%	18%	31%	36%	36%	28%	28%	28%	26%	33%	34%	31%
Santa Clara (City of)	19%	12%	22%	26%	29%	23%	17%	25%	5%	27%	23%	14%
Sunnyvale	14%	22%	25%	28%	36%	22%	26%	20%	12%	25%	30%	19%
San Jose Municipal Water	11%	22%	31%	33%	38%	25%	29%	25%	19%	30%	32%	26%
California Water Service	35%	31%	44%	42%	37%	26%	24%	23%	24%	37%	41%	42%
Palo Alto	24%	34%	23%	37%	35%	19%	14%	34%	11%	35%	30%	24%
Mountain View	30%	32%	23%	35%	42%	27%	28%	27%	10%	34%	32%	19%
Great Oaks	19%	21%	33%	38%	37%	26%	31%	26%	26%	29%	33%	25%
Milpitas	17%	20%	12%	24%	31%	18%	22%	21%	5%	23%	21%	12%
Gilroy	8%	13%	34%	33%	31%	28%	23%	23%	21%	27%	27%	21%
Morgan Hill	5%	19%	38%	43%	41%	21%	27%	19%	22%	34%	43%	35%
Purissima Hills Water	59%	26%	54%	22%	36%	11%	22%	25%	15%	45%	53%	47%
Stanford	34%	43%	31%	44%	38%	30%	25%	35%	29%	36%	47%	1
Combined Month to Month 2015	18%	21%	29%	35%	36%	26%	26%	26%	21%	31%	32%	27%

<sup>1.</sup> Stanford data not available due to late month meter read by SFPUC

TABLE 7: 2015 RETAILER CUMULATIVE AND MONTHLY SAVINGS SUMMARY

Cumulative Water	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to	Jan to
Retailer Savings	<u>Jan</u>	<u>Feb</u>	Mar	<u>April</u>	May	<u>June</u>	July	Aug	<u>Sept</u>	<u>Oct</u>	Nov	<u>Dec</u>
San Jose Water Company	-3%	1%	3%	10%	18%	22%	25%	27%	27%	27%	28%	28%
Santa Clara, city	2%	5%	4%	6%	11%	15%	16%	19%	18%	18%	19%	18%
Sunnyvale	-6%	7%	6%	12%	20%	23%	26%	27%	27%	26%	27%	26%
San Jose Municipal Water	-8%	2%	4%	11%	19%	22%	25%	26%	26%	26%	26%	26%
California Water Service	8%	11%	10%	15%	23%	27%	29%	31%	31%	32%	32%	33%
Palo Alto	10%	15%	12%	16%	25%	26%	27%	29%	29%	29%	29%	29%
Mountain View	0%	13%	10%	15%	22%	24%	25%	28%	28%	28%	28%	28%
Great Oaks	0%	5%	7%	13%	20%	24%	26%	28%	28%	29%	29%	29%
Milpitas	1%	6%	4%	8%	14%	16%	18%	20%	19%	19%	19%	18%
Gilroy	-5%	0%	5%	12%	18%	22%	25%	26%	26%	26%	27%	26%
Morgan Hill	-8%	-2%	6%	19%	24%	26%	30%	31%	31%	32%	33%	33%
Purissima Hills Water	-4%	14%	7%	21%	25%	29%	31%	31%	29%	27%	28%	29%
Stanford	-3%	6%	7%	13%	22%	24%	24%	26%	25%	26%	28%	28%
Combined Cumulative Savings	-2%	4%	5%	11%	18%	22%	25%	26%	27%	27%	27 %	27%
Month to Month Water Retailer Savings	Jan to Jan	Feb to Feb	Mar to	April to	May to	June to	July to July	Aug to Aug	Sept to	Oct to Oct	Nov to Nov	Dec to
The state of the s			Mar	April	May	June	July	Aus	Sept	OCC	INOV	Dec
San Jose Water Company	-3%	5%	Second Co.		The second second second	STATE OF THE PARTY	38%	36%	A COLUMN TO SHARE THE PARTY OF	28%	33%	The second second
	-3% 2%	5% 7%	Mar	April	May	June			Sept			Dec
San Jose Water Company	-		Mar 7%	April 25%	May 36%	June 35%	38%	36%	<u>Sept</u> 31%	28%	33%	<u>Dec</u> 30%
San Jose Water Company Santa Clara (City of)	2%	7%	7% 3%	April 25% 11%	36% 26%	35% 29%	38%	36% 33%	31% 11%	28% 17%	33%	30% 16%
San Jose Water Company Santa Clara (City of) Sunnyvale	2% -6%	7% 18%	7% 3% 4%	April 25% 11% 27%	36% 26% 38%	35% 29% 36%	38% 20% 37%	36% 33% 36%	31% 11% 25%	28% 17% 21%	33% 30% 29%	30% 16% 20%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water	2% -6% -8%	7% 18% 11%	7% 3% 4% 7%	25% 11% 27% 24%	36% 26% 38% 39%	35% 29% 36% 33%	38% 20% 37% 35%	36% 33% 36% 34%	31% 11% 25% 25%	28% 17% 21% 24%	33% 30% 29% 30%	30% 16% 20% 21%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service	2% -6% -8% 8%	7% 18% 11% 15%	7% 3% 4% 7% 8%	25% 11% 27% 24% 26%	36% 26% 38% 39% 40%	35% 29% 36% 33% 40%	38% 20% 37% 35% 39%	36% 33% 36% 34% 37%	31% 11% 25% 25% 34%	28% 17% 21% 24% 36%	33% 30% 29% 30% 42%	Dec 30% 16% 20% 21% 44%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto	2% -6% -8% 8% 10%	7% 18% 11% 15% 19%	7% 3% 4% 7% 8% 6%	25% 11% 27% 24% 26% 25%	36% 26% 38% 39% 40% 46%	35% 29% 36% 33% 40% 31%	38% 20% 37% 35% 39% 31%	36% 33% 36% 34% 37% 38%	31% 11% 25% 25% 34% 28%	28% 17% 21% 24% 36% 32%	33% 30% 29% 30% 42% 36%	Dec 30% 16% 20% 21% 44% 26%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View	2% -6% -8% 8% 10% 0%	7% 18% 11% 15% 19% 24%	7% 3% 4% 7% 8% 6% 3%	25% 11% 27% 24% 26% 25% 27%	36% 26% 38% 39% 40% 46% 38%	35% 29% 36% 33% 40% 31% 33%	38% 20% 37% 35% 39% 31% 31%	36% 33% 36% 34% 37% 38% 41%	31% 11% 25% 25% 34% 28% 25%	28% 17% 21% 24% 36% 32% 27%	33% 30% 29% 30% 42% 36% 37%	30% 16% 20% 21% 44% 26% 19%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks	2% -6% -8% 8% 10% 0%	7% 18% 11% 15% 19% 24% 10%	7% 3% 4% 7% 8% 6% 3% 10%	25% 11% 27% 24% 26% 25% 27% 25%	36% 26% 38% 39% 40% 46% 38% 38%	35% 29% 36% 33% 40% 31% 33%	38% 20% 37% 35% 39% 31% 31% 36%	36% 33% 36% 34% 37% 38% 41%	31% 11% 25% 25% 34% 28% 25% 33%	28% 17% 21% 24% 36% 32% 27% 30%	33% 30% 29% 30% 42% 36% 37% 34%	30% 16% 20% 21% 44% 26% 19%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks Milpitas	2% -6% -8% 8% 10% 0% 0% 1%	7% 18% 11% 15% 19% 24% 10% 11%	7% 3% 4% 7% 8% 6% 3% 10% -1%	25% 11% 27% 24% 26% 25% 27% 25% 17%	May 36% 26% 38% 39% 40% 46% 38% 38% 31%	35% 29% 36% 33% 40% 31% 33% 37% 24%	38% 20% 37% 35% 39% 31% 31% 36% 25%	36% 33% 36% 34% 37% 38% 41% 35% 32%	31% 11% 25% 25% 34% 28% 25% 33% 13%	28% 17% 21% 24% 36% 32% 27% 30% 16%	33% 30% 29% 30% 42% 36% 37% 34% 23%	20% 20% 21% 44% 26% 19% 27%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks Milpitas Gilroy	2% -6% -8% 8% 10% 0% 0% 1% -5%	7% 18% 11% 15% 19% 24% 10% 11% 5%	7% 3% 4% 7% 8% 6% 3% 10% -1% 13%	25% 11% 27% 24% 26% 25% 27% 25% 17% 24%	May 36% 26% 38% 39% 40% 46% 38% 38% 31% 34%	35% 29% 36% 33% 40% 31% 33% 24% 33%	38% 20% 37% 35% 39% 31% 31% 36% 25% 35%	36% 33% 36% 34% 37% 38% 41% 35% 32%	31% 11% 25% 25% 34% 28% 25% 33% 13% 28%	28% 17% 21% 24% 36% 32% 27% 30% 16% 27%	33% 30% 29% 30% 42% 36% 37% 34% 23% 30%	16% 20% 21% 44% 26% 19% 27% 10% 24%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks Milpitas Gilroy Morgan Hill	2% -6% -8% 8% 10% 0% 0% 1% -5% -8%	7% 18% 11% 15% 19% 24% 10% 11% 5% 3%	Mar       7%       3%       4%       7%       8%       6%       3%       10%       -1%       13%       17%	25% 11% 27% 24% 26% 25% 27% 25% 17% 24% 39%	May 36% 26% 38% 39% 40% 46% 38% 31% 34% 35%	35% 29% 36% 33% 40% 31% 33% 24% 33% 35%	38% 20% 37% 35% 39% 31% 36% 25% 35% 42%	36% 33% 36% 34% 37% 38% 41% 35% 32% 32% 34%	31% 11% 25% 25% 34% 28% 25% 33% 13% 28% 36%	28% 17% 21% 24% 36% 32% 27% 30% 16% 27% 35%	33% 30% 29% 30% 42% 36% 37% 34% 23% 30% 46%	Dec 30% 16% 20% 21% 44% 26% 19% 27% 10% 24% 38%

## Retailers' Water Use and Savings

TABLE 8: 2014 RETAILER CUMULATIVE SAVINGS SUMMARY

(Savings calculated from February 2014 to December 2014)

Cumulative Water	<u>Feb</u>	Feb	<u>Feb</u>	<u>Feb</u>	<u>Feb</u>	<u>Feb</u>	Feb	<u>Feb</u>	<u>Feb</u>	<u>Feb</u>	Feb
Retailer Savings	to	to	to	to	to	to	to	to	to	to	to
Netallel Savings	<u>Feb</u>	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
San Jose Water Company	3%	6%	10%	10%	9%	9%	10%	11%	11%	12%	13%
Santa Clara, city	7%	8%	9%	7%	8%	8%	8%	8%	8%	9%	10%
Sunnyvale	16%	15%	17%	15%	14%	14%	14%	13%	13%	13%	14%
San Jose Municipal Water	15%	16%	18%	14%	12%	12%	12%	12%	12%	12%	13%
California Water Service	15%	18%	19%	15%	13%	13%	13%	13%	14%	14%	16%
Palo Alto	32%	25%	16%	17%	16%	13%	15%	15%	15%	16%	16%
Mountain View	24%	18%	18%	17%	14%	14%	14%	14%	14%	15%	16%
Great Oaks	7%	11%	16%	15%	13%	14%	14%	15%	15%	16%	16%
Milpitas	11%	11%	11%	11%	10%	10%	11%	11%	11%	11%	11%
Gilroy	2%	11%	17%	14%	13%	12%	12%	13%	13%	14%	14%
Morgan Hill	-7%	9%	15%	16%	16%	16%	15%	15%	16%	18%	19%
Purissima Hills Water	45%	34%	28%	14%	14%	12%	14%	14%	14%	16%	16%
Stanford	24%	21%	15%	10%	10%	7%	8%	8%	6%	8%	7%
Combined Cumulative Savings	9%	10%	13%	12%	11%	11%	11%	12%	12%	13%	13%
Month to Month	<u>Feb</u>	Mar	Apr	May	June	July	Aug	Sept	<u>Oct</u>	Nov	Dec
AND DESCRIPTION OF THE PERSON	to	to	to		The second second	THE RESERVE AND ADDRESS OF THE PARTY OF THE		A CONTRACTOR OF THE PARTY OF	Page 1970	The state of the s	100
Water Retailer Savings	The second second second second	Control of the last of the las	to	to	to	to	to	to	to	to	to
Water Retailer Savings	<u>Feb</u>	Mar	Apr	May	June	July	Aug	Sept	<u>Oct</u>	Nov	Dec
San Jose Water Company	Feb 3%	Mar 8%	<u>Apr</u> 16%	<u>May</u> 9%	June 7%	July 11%	Aug 13%	Sept 14%	Oct 16%	<u>Nov</u> 18%	Dec 26%
San Jose Water Company Santa Clara (City of)	7%	Mar 8% 9%	<u>Apr</u> 16% 9%	May 9% 3%	7% 12%	July 11% 6%	Aug 13% 12%	Sept 14% 8%	Oct 16% 8%	Nov 18% 12%	Dec 26% 24%
San Jose Water Company Santa Clara (City of) Sunnyvale	7% 16%	8% 9% 14%	Apr 16% 9% 20%	9% 3% 12%	7% 12% 10%	July 11% 6% 13%	Aug 13% 12% 13%	14% 8% 12%	Oct 16% 8% 8%	18% 12% 20%	26% 24% 23%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water	7% 16% 15%	8% 9% 14% 16%	Apr 16% 9% 20% 20%	9% 3% 12% 8%	7% 12% 10% 5%	July 11% 6%	Aug 13% 12% 13% 12%	Sept 14% 8% 12% 12%	Oct 16% 8% 8% 11%	18% 12% 20% 18%	26% 24% 23% 22%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service	7% 16%	8% 9% 14%	Apr 16% 9% 20%	9% 3% 12%	7% 12% 10%	July 11% 6% 13%	Aug 13% 12% 13%	14% 8% 12%	Oct 16% 8% 8%	18% 12% 20%	26% 24% 23%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water	7% 16% 15%	8% 9% 14% 16%	Apr 16% 9% 20% 20%	9% 3% 12% 8%	7% 12% 10% 5%	11% 6% 13% 10%	Aug 13% 12% 13% 12%	Sept 14% 8% 12% 12%	Oct 16% 8% 8% 11%	18% 12% 20% 18%	26% 24% 23% 22%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View	7% 16% 15%	8% 9% 14% 16% 20%	Apr 16% 9% 20% 20% 20%	9% 3% 12% 8% 9%	7% 12% 10% 5% 8%	July 11% 6% 13% 10% 10%	Aug 13% 12% 13% 12% 13%	Sept 14% 8% 12% 12% 15%	0ct 16% 8% 8% 11% 19%	18% 12% 20% 18% 24%	26% 24% 23% 22% 40%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks	7% 16% 15% 32%	Mar 8% 9% 14% 16% 20% 19%	Apr 16% 9% 20% 20% 20% 3%	May 9% 3% 12% 8% 9% 18%	7% 12% 10% 5% 8% 16%	July 11% 6% 13% 10% -1%	Aug 13% 12% 13% 12% 13% 26%	Sept 14% 8% 12% 12% 15% 14%	Oct 16% 8% 8% 11% 19% 11%	Nov 18% 12% 20% 18% 24% 33%	26% 24% 23% 22% 40% 16%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View	7% 16% 15% 15% 32% 24%	Mar 8% 9% 14% 16% 20% 19% 13%	Apr 16% 9% 20% 20% 20% 3% 18%	May 9% 3% 12% 8% 9% 18% 14%	June 7% 12% 10% 5% 8% 16% 5%	July 11% 6% 13% 10% -1% 14%	Aug 13% 12% 13% 12% 13% 26% 17%	Sept 14% 8% 12% 12% 15% 14% 13%	Oct 16% 8% 8% 11% 19% 11% 13%	Nov 18% 12% 20% 18% 24% 33% 27%	26% 24% 23% 22% 40% 16% 22%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks	Feb  3%  7%  16%  15%  32%  24%  7%	8% 9% 14% 16% 20% 19% 13% 14%	Apr 16% 9% 20% 20% 20% 3% 18% 22%	May 9% 3% 12% 8% 9% 18% 14%	June 7% 12% 10% 5% 8% 16% 5% 8%	July 11% 6% 13% 10% -1% 14% 16%	Aug 13% 12% 13% 12% 13% 26% 17%	Sept 14% 8% 12% 12% 15% 14% 13% 19%	Oct 16% 8% 8% 11% 19% 11% 13% 17%	Nov 18% 12% 20% 18% 24% 33% 27% 21%	26% 24% 23% 22% 40% 16% 22%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks Milpitas	Feb 3% 7% 16% 15% 32% 24% 7% 11%	Mar 8% 9% 14% 16% 20% 19% 13% 14% 11%	Apr 16% 9% 20% 20% 3% 18% 22% 10%	May 9% 3% 12% 8% 9% 18% 14% 14% 11%	June 7% 12% 10% 5% 8% 16% 5% 8%	July 11% 6% 13% 10% -1% 14% 16% 10%	Aug 13% 12% 13% 12% 13% 26% 17% 17% 13%	Sept 14% 8% 12% 12% 15% 14% 13% 19% 12%	Oct 16% 8% 8% 11% 19% 11% 13% 17% 8%	Nov 18% 12% 20% 18% 24% 33% 27% 21% 16%	26% 24% 23% 22% 40% 16% 22% 10%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks Milpitas Gilroy	Feb 3% 7% 16% 15% 32% 24% 7% 11% 2%	Mar 8% 9% 14% 16% 20% 19% 13% 14% 11% 18%	Apr 16% 9% 20% 20% 3% 18% 22% 10% 24%	May 9% 3% 12% 8% 9% 18% 14% 14% 11% 10%	June 7% 12% 10% 5% 8% 16% 5% 8% 7%	July 11% 6% 13% 10% -1% 14% 16% 10% 12%	Aug 13% 12% 13% 12% 13% 26% 17% 17% 13% 12%	Sept 14% 8% 12% 12% 15% 14% 13% 19% 12% 17%	Oct 16% 8% 8% 11% 19% 11% 13% 17% 8% 13%	Nov 18% 12% 20% 18% 24% 33% 27% 21% 16% 23%	26% 24% 23% 22% 40% 16% 22% 22% 10% 24%
San Jose Water Company Santa Clara (City of) Sunnyvale San Jose Municipal Water California Water Service Palo Alto Mountain View Great Oaks Milpitas Gilroy Morgan Hill	Feb  3%  7%  16%  15%  32%  24%  7%  11%  2%  -7%	8% 9% 14% 16% 20% 19% 13% 14% 11% 20%	Apr 16% 9% 20% 20% 3% 18% 22% 10% 24% 23%	9% 3% 12% 8% 9% 18% 14% 14% 11% 10% 17%	June 7% 12% 10% 5% 8% 16% 5% 8% 7% 14%	July 11% 6% 13% 10% -1% 14% 16% 10% 12% 17%	Aug 13% 12% 13% 12% 13% 26% 17% 17% 13% 12%	Sept 14% 8% 12% 15% 14% 13% 19% 17% 14%	Oct 16% 8% 8% 11% 19% 11% 13% 17% 8% 13% 24%	Nov 18% 12% 20% 18% 24% 33% 27% 21% 16% 23% 42%	26% 24% 23% 22% 40% 16% 22% 10% 24% 36%

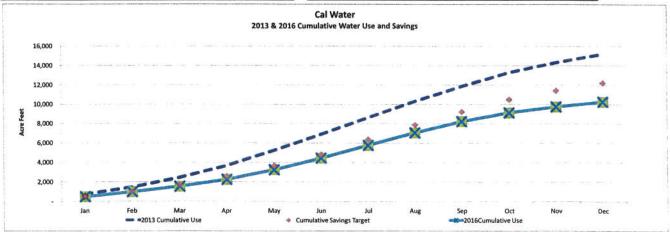
### **California Water Service Company**

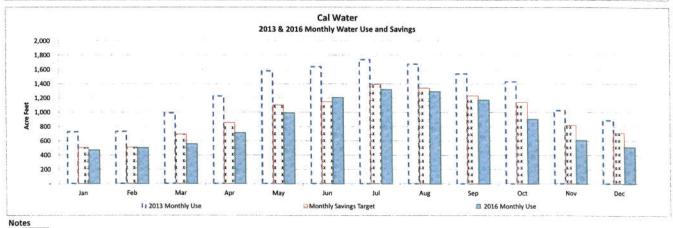
2013 and 2016 Water Use Compared to Target

2013	Groundwater	<u>Treated</u> <u>Water</u>	SEPUC	Surface	2013 Monthly Use
		5100			715.0
Jan	215.0	510.0			725.0
Feb	254.0	477.0			731.0
Mar	446.0	544.0			990.0
Apr	439.0	786.0			1,225.0
May	672.0	906.0		OF THE REAL	1,578.0
Jun	709.0	930.0			1,639.0
Jul	690.0	1,049.0			1,739.0
Aug	437.0	1,241.0		S DESIGN	1,678.0
Sep	321.0	1,221.0		AL CONTRACT	1,542.0
Oct	363.0	1,068.0		ALCOHOL: N	1,431.0
Nov	183.0	844.0			1,027.0
Dec	262.0	626.0		10000	888.0
Jan to Current Month	5,245.0	10,202.0			15,193.0
January to December Total	4,991.0	10,202.0			15,193.0

2016	Groundwater	Treated Water	SEPUC Sur		16 ly Use
	LANGUE E	Sultring by pig 1995	The Property		
Jan	264.0	208.0	<b>企工等主席</b> 上3的	Charles and the second second	472.0
Feb	288.0	216.0		CHAIN HEADS	504.0
Mar	260.0	298.0	1000000000000000000000000000000000000	DATE TO SE	558.0
Apr	200.0	514.0	CHESCHAST TO	7 % S 2 MARCH	714.0
May	124.0	868.0	\$ 178 M. S. 1880	ALP THERE	992.0
Jun	107.0	1,101.0	"大型"的	- 1,	208.0
Jul	126.0	1,195.0	2008年1月中 中国	1,	321.0
Aug	123.0	1,171.0	32/4年4篇 14/40	MANUEL NELL	294.0
Sep	74.0	1,100.0	NAME OF THE PARTY OF	1,014	174.0
Oct	244.0	661.0	COLUMN TO THE REAL PROPERTY.	1.000	905.0
Nov	339.0	270.0	and 1985年1988年1989年1989年1989年1989年1989年1989年	2000年/新教堂	609.0
Dec	341.0	172.0		是是"是" (基础)	513.0
Jan to Current Month	2,490.0	7,774.0		- 10,	264.0
%Savings by Source of Supply	53%	24%			32%

Cumulative % Savings Jan to December
(+) = savings 35%
33%
37%
39%
38%
35%
33%
31%
30%
31%
32%
32%





Current monthly water use data is preliminary and subject to change.

The intitial water use reduction target for 2016 was 30%, but was changed on June 14, 2016, to 20% for 2016

Percent savings are shown in positive values where savings have been made and negative percent values where water use is higher than the base year period (2013) Cumulative % Savings shows the target savings for all months combined at that period in time.

Recycled water not included in monthly analysis and will be analyzed separately. It is not included in the water savings target.

N/A = Not Applicable
'-' Not Available

Santa Clara Valley Water District