



DATE: July 10, 2017

AGENDA ITEM # 2

TO: Environmental Commission

FROM: J. Logan, Staff Liaison

SUBJECT: Review and Discuss 2017/18 Environmental Commission Goals and Work Plan

BACKGROUND

The Environmental Commission met with the City Council on May 2, 2017 to review its 2016/17 Environmental Commission Accomplishments and Draft 2017/18 Goals and discuss issues and project for the upcoming year. Based on this discussion, the Goals were finalized and the 2017/18 Work Plan was developed and approved by Council. The approved Work Plan is intended to focus the Commission's agenda items and will serve as a roadmap for projects and activities for the year.

DISCUSSION

Environmental Commission Goals and resulting Work Plan development targeted for 2017/18 are:

1. Climate Action Plan and Community Choice Energy
2. Water Conservation and stormwater management
3. Solid waste diversion
4. Visioning process
5. Community outreach
6. Special projects as assigned by Council

The Commission will review the Goals, projects and status updates at each of its monthly meetings and take action as appropriate.

Attachments:

- A. July 10, 2017 – 2017/18 Goals and Work Plan
- B. *June Monthly Water Use Status Report*, SCVWD

ENVIRONMENTAL COMMISSION
2017/18 Work Plan
July 10, 2017

Goal	Projects	Assignments	Target Date	City Priority related to	Status
Climate Action Plan & CCE	Community outreach and education for the implementation of CCE and SVCEA	<ul style="list-style-type: none"> Speakers and SVCE staff outreach efforts for residential and business (Bray, Teksler, Hedden) 	Ongoing	Climate Action Plan Goals and CCE-SVCE implementation	Community meetings 6-21-17, Farmers' Market, Art & Wine
	Resource to Director Bruins	<ul style="list-style-type: none"> Policy & Program guidance (Teksler, Hedden, Weiden) 	Monthly	Climate Action Plan Goals and CCE-SVCE implementation	review SVCE packet and recommendations to Director Bruins as needed
	Provide assistance as directed by Council	<ul style="list-style-type: none"> TBD (Name of Commissioner assigned) 	As assigned by Council	Climate Action Plan Goals and CCE-SVCE implementation	No activities scheduled
	Energy efficiency measure for community	<ul style="list-style-type: none"> Commission to explore and research programs offered by PG&E, Acterra, Energy Upgrade California, CA First (Hedden) 	Oct. 2017 workshop with SCCo Office of Sustainability	Climate Action Plan Goals and CCE-SVCE implementation	Home Upgrade Workshop on Oct. 18, 2017
	Research best practice for green building codes and planning requirements	<ul style="list-style-type: none"> Commission to engage with staff to research and recommend areas to be reviewed (EV, solar installs, green building measures) (Yuan, Teksler, Halkola) 	Final report approved; sent to CD staff for review and comments	Climate Action Plan Goals and CCE-SVCE implementation	Date to meet with CD staff TBD
	With staff, support opportunities for CAP GHG reduction measures.	<ul style="list-style-type: none"> Commission to support staff's efforts to update CAP with inventory & review of measures. 	Quarterly	Climate Action Plan Goals and CCE-SVCE implementation	CAP Report with analysis of measures and data in CIP Budget

ATTACHMENT A

Climate Action Plan & CCE (cont.)	Environmental Resources Dashboard	<ul style="list-style-type: none"> Review and enhance GHG reporting and data on Green Initiatives pages of City website (Bray, Eyre, Halkola) 	In process	Climate Action Plan Goals and CCE-SVCE implementation	Collecting data
Water Conservation & Stormwater Management	Support community and municipal drought related measures	<ul style="list-style-type: none"> Reported by (Eyre) Track water usage via ER Dashboard (Eyre, Bray) Support staff in development of green infrastructure measures (Eyre) 	Summer/Fall focus with ongoing review	Water Conservation Resolution 2015-15	Monitor water use Update drought website
	Stormwater management/shoulder paving policy	<ul style="list-style-type: none"> Assist staff and review development of storm water plans and reporting (Weiden, Bray, Halkola) 	Subcommittee meetings, staff reports	Stormwater Master Plan and Water Conservation	Shoulder paving policy revisions
Solid Waste Diversion	Review of progress toward diversion goals Focus on composting	<ul style="list-style-type: none"> MTWS Annual review Explore opportunities with staff for public outreach (Weiden, Yuan) 	Compost available for community	Recycling and diversion	Schedule of compost deliveries and outreach to community
Visioning Process	Provide environmental perspective to assist visioning process	<ul style="list-style-type: none"> TBD (Name of Commissioner assigned) 	Hillview CC	Provide support to Task Force and Council on natural and built environment	Participate in discussion on environmental impacts
Community Outreach	Support project implementation by public outreach and education efforts	<ul style="list-style-type: none"> City webpages; social media; engage with community groups (Name of Commissioner assigned) Invite speakers to EC meetings on Work Plan related topics (All Commissioners) 	Ongoing		Partnership with GTLA, SVCEA, community non-profits, community organizations, County Office of Sustainability
Special Projects	As assigned by Council	<ul style="list-style-type: none"> Research and report on membership for City in Mayor's National Climate Action Agenda 	July 2017	Climate Action Plan. Request from Mayor Prochnow	Mayor signed letter

Water Use and Reductions Data

TABLE 6: 2017 RETAILER CUMULATIVE AND MONTHLY SAVINGS SUMMARY

Cumulative Water Retailer Savings	Jan to Jan	Jan to Feb	Jan to Mar	Jan to April	Jan to May	Jan to June	Jan to July	Jan to Aug	Jan to Sept	Jan to Oct	Jan to Nov	Jan to Dec
San Jose Water Company	14%	19%	23%	29%	28%							
Santa Clara, city	18%	18%	19%	19%	20%							
Sunnyvale	6%	17%	18%	22%	21%							
San Jose Municipal Water	11%	21%	24%	30%	29%							
California Water Service	33%	38%	40%	41%	35%							
Palo Alto	29%	38%	34%	33%	27%							
Mountain View	20%	31%	27%	33%	33%							
Great Oaks	15%	19%	23%	28%	27%							
Milpitas	12%	19%	17%	20%	23%							
Gilroy	5%	12%	18%	24%	22%							
Morgan Hill	3%	14%	23%	32%	30%							
Purissima Hills Water	53%	50%	52%	47%	38%							
Stanford	32%	38%	38%	38%	¹							
Combined Cumulative Savings	15%	21%	24%	28%	27%							
Month to Month Water Retailer Savings	Jan to Jan	Feb to Feb	Mar to Mar	April to April	May to May	June to June	July to July	Aug to Aug	Sept to Sept	Oct to Oct	Nov to Nov	Dec to Dec
San Jose Water Company	14%	24%	30%	40%	28%							
Santa Clara (City of)	18%	19%	21%	20%	20%							
Sunnyvale	6%	27%	19%	31%	19%							
San Jose Municipal Water	11%	30%	29%	41%	28%							
California Water Service	33%	42%	43%	43%	22%							
Palo Alto	29%	45%	29%	29%	13%							
Mountain View	20%	40%	20%	44%	35%							
Great Oaks	15%	24%	30%	38%	25%							
Milpitas	12%	25%	13%	30%	29%							
Gilroy	5%	19%	28%	34%	19%							
Morgan Hill	3%	24%	35%	46%	25%							
Purissima Hills Water	53%	46%	54%	36%	22%							
Stanford	32%	42%	37%	38%	¹							
Combined Month to Month 2017	15%	27%	28%	37%	25%							

¹. Stanford data not available due to late month meter read by SFPUC

Water Use and Reductions Data

TABLE 7: 2016 RETAILER CUMULATIVE AND MONTHLY SAVINGS SUMMARY

Cumulative Water Retailer Savings	Jan to Jan	Jan to Feb	Jan to Mar	Jan to April	Jan to May	Jan to June	Jan to July	Jan to Aug	Jan to Sept	Jan to Oct	Jan to Nov	Jan to 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%	35%
Combined Cumulative Savings	18%	19%	23%	27%	29%	29%	28%	28%	27%	27%	28%	28%
Month to Month Water Retailer Savings	Jan to Jan	Feb to Feb	Mar to Mar	April to April	May to May	June to June	July to July	Aug to Aug	Sept to Sept	Oct to Oct	Nov to Nov	Dec to 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%	25%
Combined Month to Month 2016	18%	21%	29%	35%	36%	26%	26%	26%	21%	31%	32%	27%

Water Use and Reductions Data

TABLE 8: 2015 RETAILER CUMULATIVE AND MONTHLY SAVINGS SUMMARY

Cumulative Water Retailer Savings	Jan to Jan	Jan to Feb	Jan to Mar	Jan to April	Jan to May	Jan to June	Jan to July	Jan to Aug	Jan to Sept	Jan to Oct	Jan to Nov	Jan to Dec
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 Mar	April to April	May to May	June to June	July to July	Aug to Aug	Sept to Sept	Oct to Oct	Nov to Nov	Dec to Dec
San Jose Water Company	-3%	5%	7%	25%	36%	35%	38%	36%	31%	28%	33%	30%
Santa Clara (City of)	2%	7%	3%	11%	26%	29%	20%	33%	11%	17%	30%	16%
Sunnyvale	-6%	18%	4%	27%	38%	36%	37%	36%	25%	21%	29%	20%
San Jose Municipal Water	-8%	11%	7%	24%	39%	33%	35%	34%	25%	24%	30%	21%
California Water Service	8%	15%	8%	26%	40%	40%	39%	37%	34%	36%	42%	44%
Palo Alto	10%	19%	6%	25%	46%	31%	31%	38%	28%	32%	36%	26%
Mountain View	0%	24%	3%	27%	38%	33%	31%	41%	25%	27%	37%	19%
Great Oaks	0%	10%	10%	25%	38%	37%	36%	35%	33%	30%	34%	27%
Milpitas	1%	11%	-1%	17%	31%	24%	25%	32%	13%	16%	23%	10%
Gilroy	-5%	5%	13%	24%	34%	33%	35%	32%	28%	27%	30%	24%
Morgan Hill	-8%	3%	17%	39%	35%	35%	42%	34%	36%	35%	46%	38%
Purissima Hills Water	-4%	25%	-3%	40%	37%	40%	41%	27%	19%	8%	37%	47%
Stanford	-3%	13%	8%	29%	44%	35%	19%	42%	18%	37%	43%	37%
Combined Month to Month 2015	-2%	9%	7%	24%	36%	34%	36%	35%	28%	27%	33%	27%

Water Use and Reductions Data

TABLE 9: 2014 RETAILER CUMULATIVE SAVINGS SUMMARY

(Savings calculated from February 2014 to December 2014)

Cumulative Water Retailer Savings	Feb to Feb	Feb to Mar	Feb to April	Feb to May	Feb to June	Feb to July	Feb to Aug	Feb to Sept	Feb to Oct	Feb to Nov	Feb to 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 Water Retailer Savings	Feb to Feb	Mar to Mar	Apr to Apr	May to May	June to June	July to July	Aug to Aug	Sept to Sept	Oct to Oct	Nov to Nov	Dec to Dec
San Jose Water Company	3%	8%	16%	9%	7%	11%	13%	14%	16%	18%	26%
Santa Clara (City of)	7%	9%	9%	3%	12%	6%	12%	8%	8%	12%	24%
Sunnyvale	16%	14%	20%	12%	10%	13%	13%	12%	8%	20%	23%
San Jose Municipal Water	15%	16%	20%	8%	5%	10%	12%	12%	11%	18%	22%
California Water Service	15%	20%	20%	9%	8%	10%	13%	15%	19%	24%	40%
Palo Alto	32%	19%	3%	18%	16%	-1%	26%	14%	11%	33%	16%
Mountain View	24%	13%	18%	14%	5%	14%	17%	13%	13%	27%	22%
Great Oaks	7%	14%	22%	14%	8%	16%	17%	19%	17%	21%	22%
Milpitas	11%	11%	10%	11%	8%	10%	13%	12%	8%	16%	10%
Gilroy	2%	18%	24%	10%	7%	12%	12%	17%	13%	23%	24%
Morgan Hill	-7%	20%	23%	17%	14%	17%	13%	14%	24%	42%	36%
Purissima Hills Water	45%	23%	22%	-19%	15%	5%	23%	13%	14%	46%	26%
Stanford	24%	17%	7%	-1%	10%	-10%	17%	3%	-8%	28%	-15%
Combined Month to Month 2015	9%	12%	16%	10%	8%	11%	14%	14%	14%	20%	25%

Water Use and Reductions Data

California Water Service

2013	Groundwater	Treated Water	SFPUC	Surface	2013 Monthly Use
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	-	-	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	-	-	1,678.0
Sep	321.0	1,221.0	-	-	1,542.0
Oct	363.0	1,068.0	-	-	1,431.0
Nov	183.0	844.0	-	-	1,027.0
Dec	262.0	626.0	-	-	888.0
Jan to Current Month Totals	2,026.0	3,223.0	-	-	5,249.0
January to December Total	4,991.0	10,202.0	-	-	15,193.0

2017	Groundwater	Treated Water	SFPUC	Surface	2017 Monthly Use
Jan	312.0	171.0	-	-	483.0
Feb	229.0	192.0	-	-	421.0
Mar	289.0	275.0	-	-	564.0
Apr	248.0	452.0	-	-	700.0
May	333.0	891.0	-	-	1,224.0
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
Jan to Current Month Totals	1,411.0	1,981.0	-	-	3,392.0
%Savings by Source of Supply	30%	39%			35%

Gilroy

2013	Groundwater	Treated Water	SFPUC	Surface Water	2013 Monthly Use
Jan	428.0	-	-	-	428.0
Feb	443.0	-	-	-	443.0
Mar	623.0	-	-	-	623.0
Apr	751.0	-	-	-	751.0
May	952.0	-	-	-	952.0
Jun	1,002.6	-	-	-	1,002.6
Jul	1,099.5	-	-	-	1,099.5
Aug	1,045.0	-	-	-	1,045.0
Sep	950.0	-	-	-	950.0
Oct	856.0	-	-	-	856.0
Nov	632.0	-	-	-	632.0
Dec	541.0	-	-	-	541.0
Jan to Current Month Totals	3,197.0	-	-	-	3,197.0
January to December Total	9,323.1	-	-	-	9,323.1

2017	Groundwater	Treated Water	SFPUC	Surface Water	2017 Monthly Use
Jan	407.8	-	-	-	407.8
Feb	360.1	-	-	-	360.1
Mar	451.2	-	-	-	451.2
Apr	494.0	-	-	-	494.0
May	771.1	-	-	-	771.1
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
Jan to Current Month Totals	2,484.2	-	-	-	2,484.2
%Savings by Source of Supply	22%				22%