



DATE: August 13, 2018

AGENDA ITEM # 2

TO: Environmental Commission

FROM: J. Logan, Staff Liaison

SUBJECT: Review and Discuss 2018/19 Environmental Commission Targets and Work Plan

RECOMMENDATION:

Review and action, as appropriate, on 2018/19 Environmental Commission Targets and Work Plan

BACKGROUND

The Environmental Commission met in a Joint Meeting with the City Council on May 1, 2018 to review its 2017/18 Environmental Commission Accomplishments and Draft 2018/19 Target areas and discuss issues and projects for the upcoming year. Based on this discussion, the Targets were finalized, and the 2018/19 Work Plan was developed. The Targets and Work Plan are intended to focus the Commission's agenda items and will serve as a roadmap for projects and actions, as appropriate, during the 2018/19 year.

DISCUSSION

Environmental Commission Targets and resulting Work Plan development for 2018/19 are:

1. Climate Action Plan
2. Visioning process
3. Community outreach and education
4. Water Conservation and stormwater management
5. Solid waste diversion

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

Attachments:

- A. August 13, 2018- 2018/19 Targets and Work Plan
- B. Anti-idling education campaign and communication
- C. City of Los Altos internal anti-idling campaign; view <https://www.losaltosca.gov/weeklyupdates> after August 10, 2018 to see an article in the City Manager Weekly Update.
- D. MTWS Quarterly Commercial Newsletter – June 2018
- E. Staff email re: EV charging program exploration

ENVIRONMENTAL COMMISSION

2018/19 Targets & Work Plan

August 13, 2018

Targets	Projects	Assignments	Target Date	City Priority related to	Status
Climate Action Plan & SVCEA	Continue to support SVCEA community outreach and education	<ul style="list-style-type: none"> Speakers and SVCE staff outreach efforts for residential and business (Staff) Customer Program Advisory Group (CPAG) (Weiden) Program development via MAWG 	Ongoing	Climate Action Plan Goals	<ul style="list-style-type: none"> Chair attend CPAG meetings Receive update from MAWG staff member EC identified and prioritized community objectives and provided them to SVCE MAWG as potential items for synchronization with other jurisdictions and for SVCE to provide support.
	Resource to Director Bruins	<ul style="list-style-type: none"> Policy & Program guidance (Staff & Commission) 	Monthly	Climate Action Plan Goals	<ul style="list-style-type: none"> Review SVCE packet and recommendations with comments to Director Bruins as needed; request specific clarification from Dir. Bruins as needed MAWG staff to update Dir. Bruins as needed
	Plastic Straw/ single-use litter	<ul style="list-style-type: none"> Discussion and formulate plan to address single-use litter 	New project	Climate Action Goals	<ul style="list-style-type: none"> Initiate project
	Anti-Idling Community Education and Outreach Project	<ul style="list-style-type: none"> Develop Community Educational Plan (Weiden, Yuan, Klein) Partner with elementary and High School Districts (Weiden, Yuan, Klein) 	Ongoing project	Climate Action Plan Goals	<ul style="list-style-type: none"> Email from Chair to Superintendents 5-18 High school interested in receiving bullet item about anti-idling in Pick up/Drop off Procedures memo going to parents in Fall 2018 EC subcommittee to develop general education plan City developed organization-wide anti-idling campaign, requesting compliance from staff and installing anti-idling signs in City facility parking areas, such as Civic Center Campus, MSC, and Parks

Climate Action Plan & SVCEA (cont'd)	Partner with Community Development Department on Green Building Initiatives	<ul style="list-style-type: none"> Staff and Commission to identify outreach efforts and discussion of potential reach codes for green building measures (Tekslar, Yuan, Bray) Subcommittee to reformat report to provide user-friendly checklist to go to City Council for 2019 priorities 	Quarterly	Climate Action Plan Goals	<ul style="list-style-type: none"> Discussion
	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 (Unassigned-TBD) 	10/2018 workshop w/SCCo Off. of Sustainability	Climate Action Plan Goals	<ul style="list-style-type: none"> Contact County in August to schedule workshop in Oct.
	With staff, refine CAP GHG reduction measures to actionable strategies (Tekslar, Weiden)	<ul style="list-style-type: none"> Commission to support staff's efforts to update CAP with inventory & assess measures (Weiden, Bay) Staff to assist Work with consultant or staff to update CAP Subcommittee to consider scope of CAP update 	Annual	Climate Action Plan Goals	<ul style="list-style-type: none"> CAP Report with analysis of measures and data in CIP Budget; staff attend Member Agency Work Group (MAWG) meetings.
	Environmental Resources (ER) Dashboard	<ul style="list-style-type: none"> Review and enhance GHG reporting and data on Green Initiatives pages of City website (Staff, Bray) 	Ongoing as data is available	Climate Action Plan Goals	<ul style="list-style-type: none"> Data collection ongoing. Dashboard updated with data through 2017 if available
Water Conservation & Stormwater Management	Support community and municipal water conservation related measures	<ul style="list-style-type: none"> Track water usage via ER Dashboard (Staff, Halkola) Monitor water rates and support CalWater conservation efforts as needed (Staff, Halkola) 	Summer/Fall focus with ongoing review	Water Conservation Resolution No. 2015-15	<ul style="list-style-type: none"> Monitor water use Update website CalWater annual presentation - September 2018
	Stormwater management/shoulder paving policy	<ul style="list-style-type: none"> Final review from staff on shoulder paving policy and other emerging environmental issues (EC) 	Subcommittee meetings; staff reports	Stormwater Master Plan and Water Conservation	<ul style="list-style-type: none"> Shoulder paving policy details revisions (May, June)

<p>Water Conservation & Stormwater Management (cont'd)</p>	<p>Green Infrastructure Plan</p>	<ul style="list-style-type: none"> Assist in development of plan to be adopted June 2019 (Unassigned) 			
<p>Solid Waste Diversion</p>	<p>Review of progress toward diversion goals</p>	<ul style="list-style-type: none"> Work with staff to review MTWS contract renewal Assist MTWS in achieving diversion goals Explore opportunities with staff for public outreach (Staff) 	<p>MTWS compost available at MSC</p>	<p>Recycling and diversion</p>	<ul style="list-style-type: none"> Compost to be made available at MSC Spring 2018 at MSC Update on event recycling- add events to CM weekly updates
<p>Visioning Process for new Community Center and Downtown Vision Discussions</p>	<p>Provide environmental perspectives and sustainability goals to assist visioning process</p>	<ul style="list-style-type: none"> Environmental Commissioners 	<p>New Community Center design - Ongoing</p>	<p>Provide support to DDWG & Council on natural and built environment</p>	<ul style="list-style-type: none"> Participated in LEED Charrette 3-22-18 Continue to participate in DDWG as needed; advocating for all-electric, zero-carbon building 6/11/18- Public Works Director Susanna Chan provided update to EC on the electrification and LEED Gold achievement (looking at lighting studies, reducing water usage, managing rainwater, installing all-electric systems) to minimize carbon use of the new community center Staff still exploring various options for installing solar panels and plans to share discoveries with the City Council at the July 10, 2018 meeting Staff to provide information about a design workshop at July EC meeting Design to Complete Streets Commission June 27, 2018 Design to Planning Commission August 2, 2018 Design to City Council September 11, 2018

<p>Visioning Process for new Community Center and Downtown Vision Discussions (Cont'd)</p>			<p>Downtown Visioning - Ongoing</p>	<p>Contribute to downtown visioning process where applicable</p>	
<p>Community Outreach & Education</p>	<p>Support Green Initiatives project implementation by public outreach and education efforts</p> <p>Continue supporting project implementation that impacts the natural and built environment</p>	<ul style="list-style-type: none"> • City webpages; social media; engage with community groups (unassigned) • Invite speakers to EC meetings on Work Plan related topics (All Commissioners) • Focus on educational campaigns addressing anti-idling and gas-powered leaf blowers (Teksler, Klein) 	<p>Ongoing</p>	<p>Public outreach and education</p>	<ul style="list-style-type: none"> • Partnership with GTLA, SVCEA, community non-profits, community organizations, County Office of Sustainability
	<p>Update residents on special events (compost availability, recycling events, workshops)</p>	<ul style="list-style-type: none"> • Unassigned 			

July 3, 2018

To: Environmental Commission

From: Anti-Idling Subcommittee (David Klein, Lei Yuan, Don Weiden)

Subject: Draft Community Education Plan

OBJECTIVE

Reduce contribution to greenhouse gasses and air pollutants generated by discretionary vehicle idling in Los Altos through vehicle operator behavioral change.

IDENTIFY AND ENGAGE PARTNERS

Partners	Sub-Partner	Environmental Commission Lead
Los Altos High School	Principal, PTA, Green Team	
Los Altos K-8 Schools	District, Principals, PTAs	
Bullis Charter Schools		
Pinewood Schools		
GreenTown Los Altos	Cheryl Weiden	Don Weiden
Los Altos Businesses	LAVA, Rancho Center, Safeway, Draegers, etc.	
City of Los Altos	J Logan	

TARGET AUDIENCES

Student Drop-Off and Pick-Up Vehicle Operators
Business Parking Lot Vehicle Operators
Delivery Truck Operators
City Fleet Vehicle Operators

TACTICS

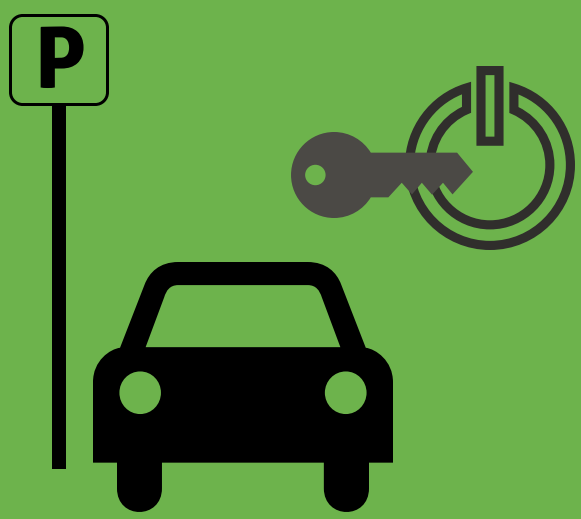
Partners	Sub-Partner	Environmental Commission Actions
General	Community Announcements	Draft flyers, Nextdoor announcements, City announcements, City web site posts
	Town Crier	Draft articles, possible paid advertisements
	Community Meeting	Assist in development and execution
Los Altos High School	Principal	Secure approval
	PTA	Prepare and present education
	Green Team	Provide implementation program assistance
Los Altos K-8 Schools	District Superintendent	Secure approval
	School Principal	Secure approval
	School PTA	Prepare and present education. Assist in program development.
Bullis Charter Schools		Secure approval; Provide education, program development and implementation assistance
Pinewood Schools		Provide implementation assistance
GreenTown Los Altos	Cheryl Weiden	Receive education, program development and implementation assistance
		Receive publication assistance
		Receive advertising assistance
		Receive signage assistance
Los Altos Businesses	LAVA, Rancho Center, Safeway, Draegers, etc.	Secure approvals with assistance from GreenTown Los Altos
City of Los Altos	J Logan	Provide policy drafting education assistance



HELP US SPARE THE AIR

HEALTHY AIR, HEALTHY COMMUNITY

The City of Los Altos requests your compliance: Please do not idle in any City-owned vehicle or personal vehicle being used to conduct city business.*



Turn the key, be idle-free.

If the car is in park,
please turn off the engine.

*Exemptions for emergency and police vehicles, safety precautions or auxiliary equipment operations.

TURNING OFF THE ENGINE:



Helps the environment.



Reduces exposure to pollutants.



Saves money.

Idling is running a vehicle engine when it is not moving. While some idling is hard to avoid, most idling is wasteful and avoidable.



Idling pollutes the environment by contributing to noise pollution and annually emits 11 million tons of CO2 and 5,000 tons of carcinogenic particulate matter into the air.



Idling harms our health by releasing exhaust emissions that contribute to asthma, emphysema, heart disease, lung cancer, and other diseases.



Idling wastes fuel and money by consuming more than 1 billion gallons of diesel fuel yearly and increases an engine's maintenance costs by more than \$2,000/year.





Proud to Serve the Los Altos Community

NO MORE BLACK BAGS

Please continue to make a concerted effort to rid your business of black bags.

It is helpful two ways to use clear bags.

- (1) Makes our collection process safer since a clear bag allows our employees to see what material is being discarded.
- (2) Allows our processing employees to make choices with the discarded material vs. guessing what is inside, resulting in more recycling and higher diversion rates.



SAY NO TO PLASTIC STRAWS

Please look into alternative ways to offer or consume your favorite beverage. Plastic straws continue to contaminate our precious waterways and hurt wild life. Instead, use Eco-Friendly straws. A quick search on the web will provide a variety of options. For more information, please download the documentary Straws on Netflix or visit www.strawsfilm.com.



HOLIDAY REMINDERS

There will be **NO** service interruptions for the July 4th and September 3rd (Labor Day). Service will continue as normal, so please have bins accessible for our drivers to service on these days.

SUMMER SIDEWALK SALE

August 3 – August 12
Downtown Los Altos Main and State Streets



2018 CORVETTE SPECTACULAR

September 16 @ 10:00 am-5:00 pm
Downtown Los Altos Main and State Streets



UPCOMING EVENTS

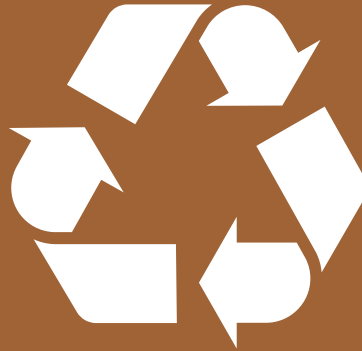
Los Altos Art & Wine

July 14 @ 10 am-July 15 @ 6 pm
Downtown Los Altos Main and State Streets



AB 1826

This Assembly Bill requires businesses generating 4 cubic yards of trash per week to have an organic collection program, including multifamily residential dwellings consisting of five or more units. Organic waste means food waste, green waste, landscape & pruning waste, nonhazardous wood waste, along with food waste.



Use your green bin to get the organic material out of your recycling bin and trash bin. Call Mission Trail Waste Systems with questions (650) 473-1400

Contact us:

Location: 1060 Richard Ave.,
Santa Clara, CA 95050

Office Hours: 8am-5pm,
Monday-Friday

Phone: 650-473-1400

Web: www.MissionTrail.com



1060 Richard Avenue
Santa Clara, CA
95050
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REMINDERS

Please keep all commercial trash and recycling enclosures clean: All too often, trash and recycling enclosures are found with large amounts of debris on the ground which creates an unsafe and difficult service situation for our valued drivers. Our trash and recycling bins can weigh up to 700 Lbs. and with added ground debris can be slick and tough to move. Debris found on the floor can get stuck in the wheels of the bins or create such a slippery surface our drivers cannot get enough leverage to move the bins. Please make sure the enclosure area is kept clean and free of ground debris so our drivers can safely service all the Los Altos commercial businesses.



From: [Theresa Yee](#)
To: [J Logan](#); [Sarah M. Henricks](#)
Cc: [Kirk Ballard](#); [Christopher Lamm](#); [Jon Biggs](#); [Zach Dahl](#); [Susanna Chan](#); [Manuel Hernandez](#)
Subject: EV Charging Programs
Date: Monday, July 23, 2018 10:34:31 AM

Hello J and Sarah,
I contacted a few EV charging programs and here is what I've found:

TESLA

Charging Partner Program – Tesla provides the equipment free of charge and Owner provides the installation, infrastructure, and power. Their units do not have a way to charge customers and their units only work with Tesla vehicles. You are essentially giving away power to Tesla vehicles only (estimated at \$1/kWh). Because of the community center construction timing, they suggest calling within 2 months of starting the parking lot, as their program offering may change. My estimated cost of installation and infrastructure is ~\$20,000 each. There is no minimum number of units you need to install.

EV Charge Network and EV Charging Pros (from the names on Don's presentation)

PG&E offers to provide infrastructure (trenching, conduits, etc.) for EV station and a rebate if at least 10 consecutive EV ports are installed (PG&E may require additional ports be installed). Owner will have to pay for the EV units, installation, and power infrastructure upgrades. A proposal I received from Charge Point is \$7,150 per pair of ports (1 station with dual ports). My estimated cost of installation is \$40,000 and power infrastructure upgrades of \$100,000, for a total cost of ~\$175,000, if we qualify. I am still waiting to hear back from PG&E.

Power Flex (introduction from Gary Hedden)

A design-builder that takes advantage of the grants offered by BAAQMD and PG&E rebates. If they provide and install at least 30 stations at the community center, after the grant, the cost is about \$0. My estimated cost to upgrade infrastructure is ~\$10,000 per unit, for a total cost of ~\$100,000. They have installed units at Los Altos and Mountain View high schools. BAAQMD's next round of grants is in Sept 2018. I will be receiving more information from them on their units and the grant.

Power Infrastructure Upgrade

This item accounts for upgrading the electrical infrastructure needed to support the power requirements of an EV station. Some elements include upgrades to the transformer, electrical panel, electrical disconnect, switching, grounding, metering, etc. This line item is not usually included in the vendor cost estimate for infrastructure.

I will continue to look for more information. If we want to incorporate EV chargers into the community center (or elsewhere), there is a cost associated with even the "free" options.

Theresa A. Yee, PMP, CPC, LEED Green Associate

Project Manager | City of Los Altos

1 N. San Antonio Road | Los Altos, CA | 94022

Ph: (650) 947-2625 | Fx: (650) 947-2732

tyee@losaltosca.gov

From: J Logan

Sent: Thursday, July 12, 2018 10:03 AM

To: Theresa Yee <tyee@losaltosca.gov>; Susanna Chan <schan@losaltosca.gov>; Jon Biggs <jbiggs@losaltosca.gov>; Zach Dahl <ZDahl@losaltosca.gov>

Cc: Kirk Ballard <KBallard@losaltosca.gov>; Christopher Lamm <clamm@losaltosca.gov>; Sarah M. Henricks <shenricks@losaltosca.gov>

Subject: FW: Easy Charge Apartments - Thank you & slides

Hello ALL,

Below is information provided by Environmental Chair Don Weiden regarding PG&E Program for EV charging stations. I would like to report back to EC and the next Commission meeting if there is a potential for this program in the City at the new Community Center or in the DT parking plazas or elsewhere.

Please respond to Sarah and me.

Thanks, JL

From: Don Weiden

Sent: Wednesday, July 11, 2018 9:15 PM

To: tyee@losaltos.gov; J Logan <jlogan@losaltosca.gov>

Cc: Sarah M. Henricks <shenricks@losaltosca.gov>

Subject: FW: Easy Charge Apartments - Thank you & slides

The attached contains information on a PG&E Program that provides significant cost savings for installation of 10 or more EV charging stations (see slides 50 – 58). I do not know if the new Community Center or a Downtown Parking Plaza would be eligible, but it may be worth checking out.

Don Weiden

Los Altos Environmental Commission

----- Forwarded message -----

From: **Rafael Reyes - PCE** <rreyes@peninsulacleanenergy.com>

Date: Tue, Jul 10, 2018 at 4:31 PM

Subject: Easy Charge Apartments - Thank you & slides

To:

Cc: Alejandra Posada <aposada@peninsulacleanenergy.com>, John Kalb <johnk@evchargingpros.com>, EMTI@pge.com

Dear all,

Thank you to all of you who attended today's Peninsula Clean Energy's Easy Charge Program workshop today. If you were not able to make it, we are sorry we missed you.

We hope you found it informative. PCE is excited to help your properties prepare for the growing demand of EV charging. Attached are the workshop slides for your reference, it includes both PCE's and PG&E's slides.

If you have any questions about the program, feel free to reach out to me about it. If you were not able to make the workshop and want further information or you didn't already schedule a site visit to your property and would like to do so, please reach out to John Kalb at 415-717-5241 or johnk@evchargingpros.com. For further information on the PG&E program contact Elena Trujillo Mendoza at emti@pge.com.

We look forward to working with you.
Best regards,

Rafael Reyes
Director of Energy Programs
Peninsula Clean Energy
rreyes@peninsulacleanenergy.com
Direct: 650-260-0087

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Fight for Renewable Energies! Save the global ecology; create jobs; eliminate dependence on foreign oil; reduce military requirements

Gary Latshaw, Ph.D.
408-499-3006