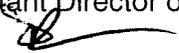




STAFF REPORT

Meeting Date: November 3, 2015

To: Honorable Mayor & City Council

From: Trish Rhay, Assistant Director of Public Works Services, Infrastructure & Field Operations 
James Burnley, Solid Waste Manager 
Caitlin Sims, Senior Management Analyst 

Subject: Zero Waste Plan Update

Attachments: 1. Presentation

INTRODUCTION

This report provides an overview of the process of developing the City's Zero Waste Plan and an update on the schedule. Zero waste is a design principle that focuses on reducing waste, reusing products, and recycling and composting them at the end of their life cycle. Developing a Zero Waste Plan will guide the City to reduce waste, reduce reliance of landfills, and reduce greenhouse gas emissions associated with waste creation and disposal. It will also allow the City to evaluate its current solid waste programs and identify and prioritize new programs that should be included in the Request for Proposal ("RFP") for solid waste collection services and processing that is anticipated for release in mid-2016. At its October 8, 2015, meeting, the Public Works Commission recommended that the City Council to adopt a Resolution support for the development of a Beverly Hills Zero Waste Plan.

Should the Council concur with staff and the Public Works Commission's recommendation, a resolution supporting the development of the plan is included on the formal agenda for Council consideration and approval.

DISCUSSION

The City Council identified completing a feasibility study for a zero waste program as a "B" priority item during the FY 2015-16 City Council priority setting exercise. As part of the process, staff and the Public Works Commission are working with HF&H to evaluate and establish zero waste guiding principles and goals, to develop a zero waste resolution, to establish baseline of current policies, programs and facilities, and to develop a zero waste plan that incorporates stakeholder participation.

Zero waste is a design principle that focuses on reducing waste, reusing products, and recycling and composting them at the end of their life cycle. It is not necessarily one hundred percent recycling, but it does shift the focus to waste reduction, product redesign and elimination of wasteful practices. Many cities in the region, including Pasadena, Glendale, Los Angeles, and

Santa Monica, have adopted Zero Waste Plans. These plans provide examples of the types of programs that could be included in a zero waste plan to strive towards a zero waste goal. Some examples of programs considered in other cities' plans include collection programs for residential and/or commercial customers (i.e. food scraps, recyclables and bulky items), support and development of retail take-back programs, and targeted outreach and education programs. Potential cost-effective and beneficial programs that could be included in the City's zero waste plan would be identified through an outreach and education process with the Public Works Commission and other stakeholders in the community.

All of these programs help reduce the waste that City sends to the landfill and increase the material diverted for recycling and composting. They will also help the City keep pace with the regional focus on higher diversion and stay ahead of State laws and regulations. The City is mandated to divert at least fifty percent of its solid waste from disposal; however, the State has an overall goal to divert seventy-five percent of its solid waste from disposal by 2020. The City's current diversion rate is seventy-one percent.

In addition, the City currently has a Franchise Agreement for Commercial Solid Waste Collection Services and Residential Solid Waste Processing ("Franchising Agreement") with Recology Los Angeles ("RLA") that is set to expire on March 31, 2018. In January 2015, the City Council directed staff to begin work on a competitive Request for Proposal ("RFP") process in anticipation of the expiration of the initial franchise term. A comprehensive RFP process can take eighteen to twenty-four months from inception to start of service under a new contract, allowing sufficient time of approximately one-year for a well-planned service provider transition. Based on the contract end date of March 31, 2018, below is the anticipated schedule for the development of the solid waste RFP:

| Task | Target Date |
|----------------------------------|-------------------------|
| 1. Release Request for Proposals | June 2016 |
| 2. Proposals Due | September 2016 |
| 3. Proposal Evaluation | October – December 2016 |
| 4. Contractor Selection | January 2017 |
| 5. Negotiation | February – March 2017 |
| 6. Award of Contract | April 2017 |
| 7. Start of Service | April 1, 2018 |

The development of a Zero Waste Plan will allow the City to identify and evaluate cost-effective solid waste programs that will help the City comply with its diversion requirements and to reduce waste, reduce reliance of landfills, and reduce greenhouse gas emissions associated with waste creation and disposal. Programs identified in the Zero Waste Plan will be included in the City's RFP.

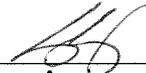
FISCAL IMPACT

The Capital Improvement Program budget for FY 2015-16 includes \$100,000 for the development of a Zero Waste Plan, project #0240.

RECOMMENDATION

Staff recommends that the City move forward with the development of a Zero Waste Plan. At its October 8, 2015, meeting, the Public Works Commission recommended that the City Council to adopt a Resolution support for the development of a Beverly Hills Zero Waste Plan. Should the Council concur with staff and the Public Works Commission's recommendation, a resolution supporting the development of the plan is included on the formal agenda for Council consideration and approval. Staff will work with the Public Works Commission during the

development of the Zero Waste Plan and will return to the City Council with a recommendation for consideration at a future date.



Approved By
George Chavez

Attachment 1



City of Beverly Hills City Council Presentation

Zero Waste Planning

**Presented by:
HF&H Consultants
November 3, 2015**



Agenda

1. Session Objectives
2. Sustainable City Guiding Principles → Zero Waste Plan
3. Why Adopt a Zero Waste Plan?
4. State Regulatory Timeline
5. On The Horizon
6. Zero Waste Goals in Other Jurisdictions
7. Zero Waste Policy and Program Options
8. Schedule

Attachments:

1. Zero Waste Policy and Program Options – Detail

Session Objectives

1. Describe what “Zero Waste” means and goals in other jurisdictions
2. Discuss Zero Waste programs and policies

Sustainable City Plan Guiding Principles Zero Waste Plan

Sustainable City Guiding Principles

Zero Waste Principles

City policy will be guided by a long-term vision of sustainability.

This (Zero Waste) resolution inspires us to take advantage of every opportunity to leave the lightest footprint that we can on our land for future generations.

Commissioner Han Phibbs, Teton County Wyoming

The City will lead by example.

Decrease City government disposal by 40,000 tons per year and further facilitate departments leading by example.

San Francisco

Protection, preservation and restoration of the natural environment are City priorities.

Zero waste requires rethinking what is traditionally regarded as trash and instead treating all materials as valued resources.

City of Santa Monica

The City recognizes that environmental, economic, and social equity are mutually dependent.

Zero waste is a goal that is ethical, economical, efficient and visionary, to guide people in changing their lifestyles and practices to emulate sustainable natural cycle.

Zero Waste International Alliance

Economic, environmental and social impacts will be key consideration in City policy and actions.

A U.S. recycling rate of 75% by 2030 would create 1.1 million new jobs. Recycling and reuse create at least 9 times more jobs than landfills and incinerators, and as many as 30 times more jobs.

EcoCycle

The City will inform and inspire all community members to take action.

Achieving zero waste entails encouraging the City, its residents, businesses, and visitors to reevaluate what is considered waste.

City of Santa Monica

The City recognizes that partnerships are essential to achieving a sustainable community.

Our mission is to attract, retain, and grow zero waste businesses and entrepreneurs in order to create local jobs and foster a resilient zero waste ecosystem in Central Texas.

Austin, Texas

The City recognizes its linkage with the regional, national, and global community.

Every single person in the world makes waste and as such is part of a non-sustainable society. However, with good political leadership, everyone could be engaged in the necessary shift towards a sustainable society.

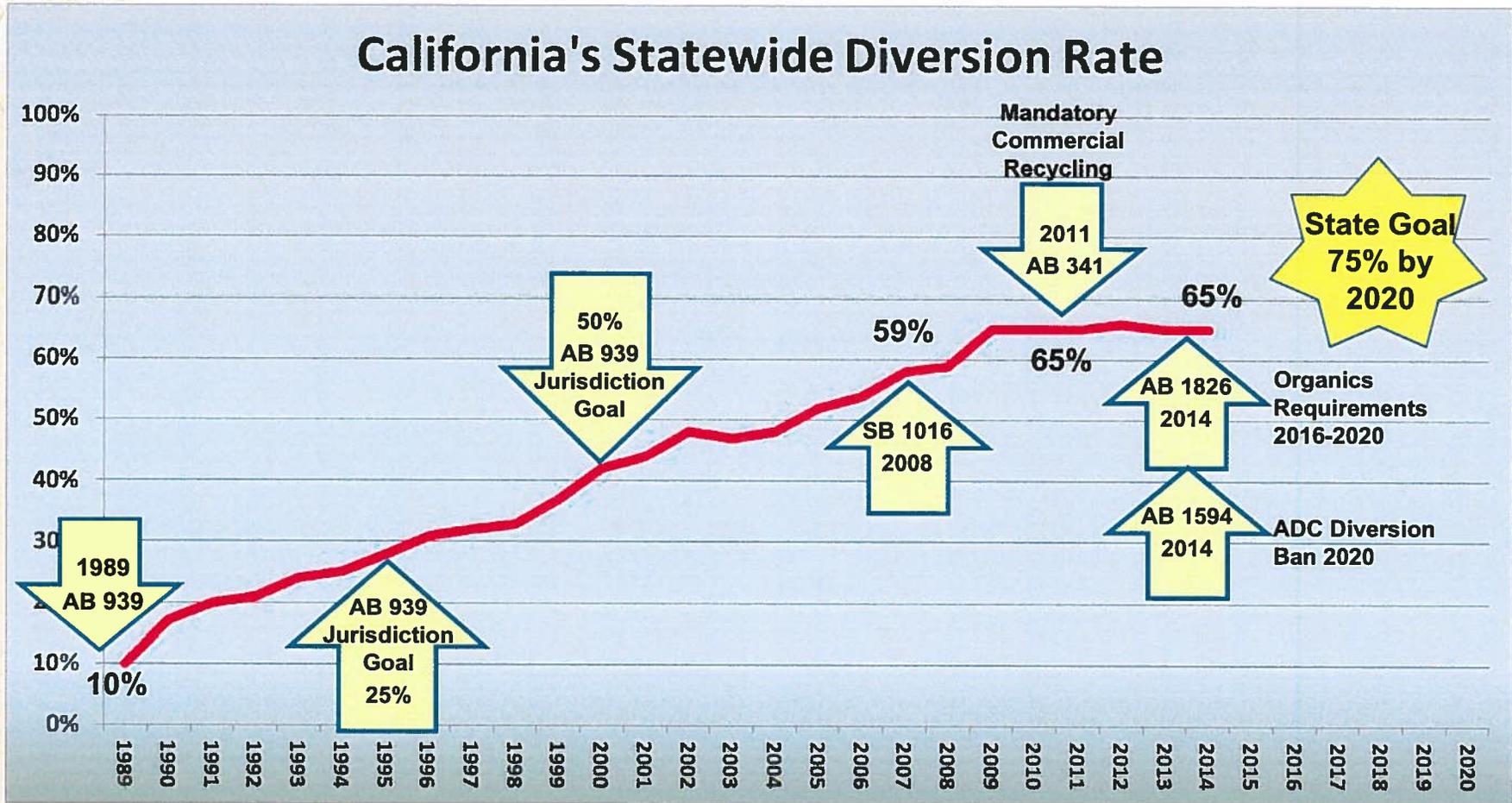
Zero Waste International Alliance



Why Adopt a Zero Waste Plan?

1. Stay ahead of State laws and regulations
2. Change the norm from “wasteful” to “resourceful”
3. Keep pace with regional focus on higher diversion
4. Identify programs to be included in upcoming request for proposals
5. Chart the course toward Zero Waste by identifying high diversion and low-emission policies and programs

State Regulatory Timeline



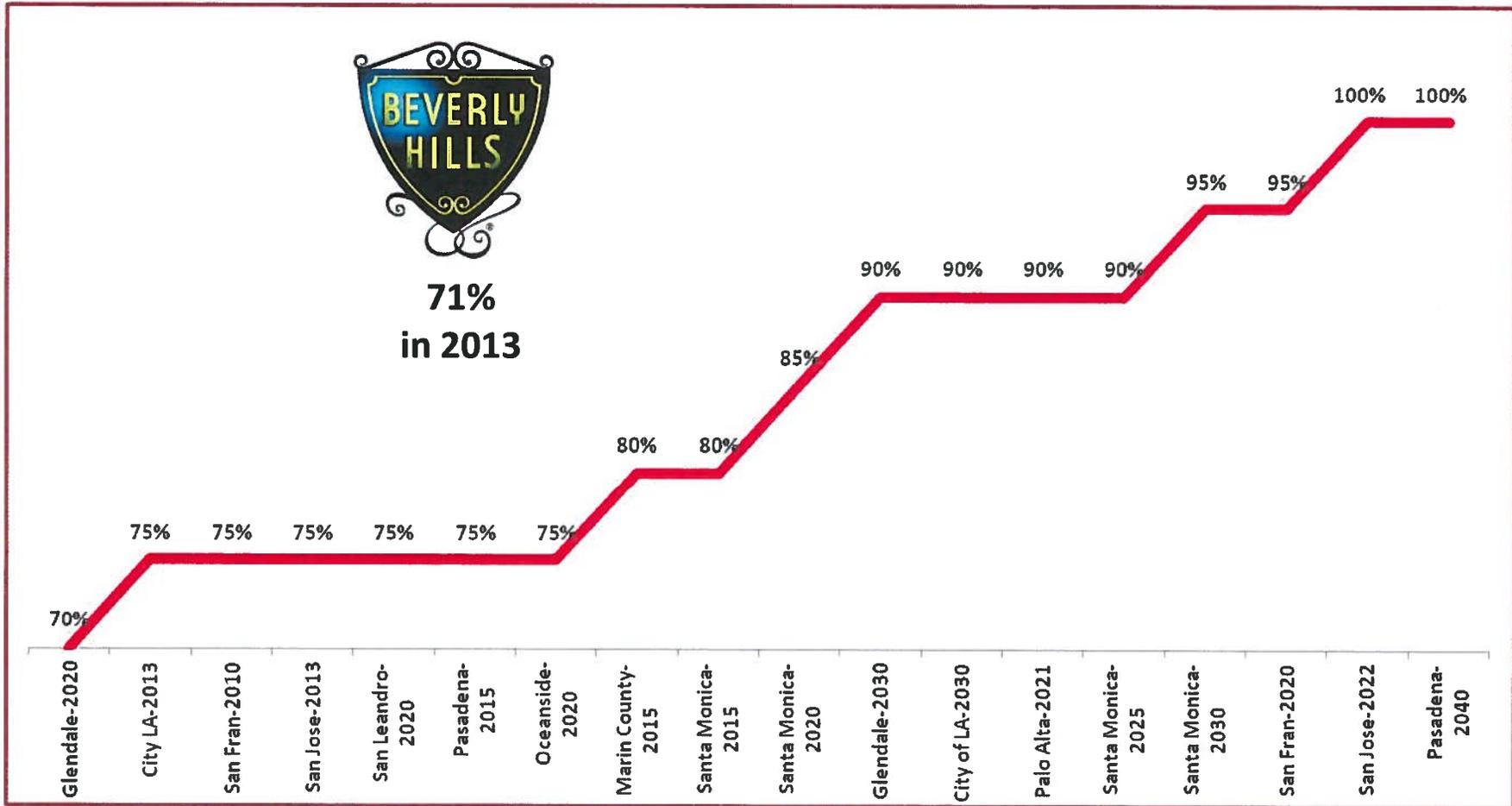
On the Horizon



Examples of Zero Waste Goals in Other Jurisdictions



**71%
in 2013**



Beverly Hills Current Diversion Programs/Policies

Franchise Programs: Residential

Mixed Waste Processing of “Black” Cart – Required 35% diversion

Separate Collection of Green Waste

Bulky Item Collection – On call and twice-per-month roundups

Franchise Programs: Commercial/Multi-Family – Required 60% diversion

Mixed Waste Processing of Trash

Restaurant Food Waste Recycling

Transformation (allowed to reach 60% diversion if needed)

Beverly Hills Current Diversion Programs/Policies

Community Programs

Battery Recycling Drop-Off

Household Hazardous Waste Roundups (LA County) – Beverly Hills Host

E-Waste Collection at Farmers' Market

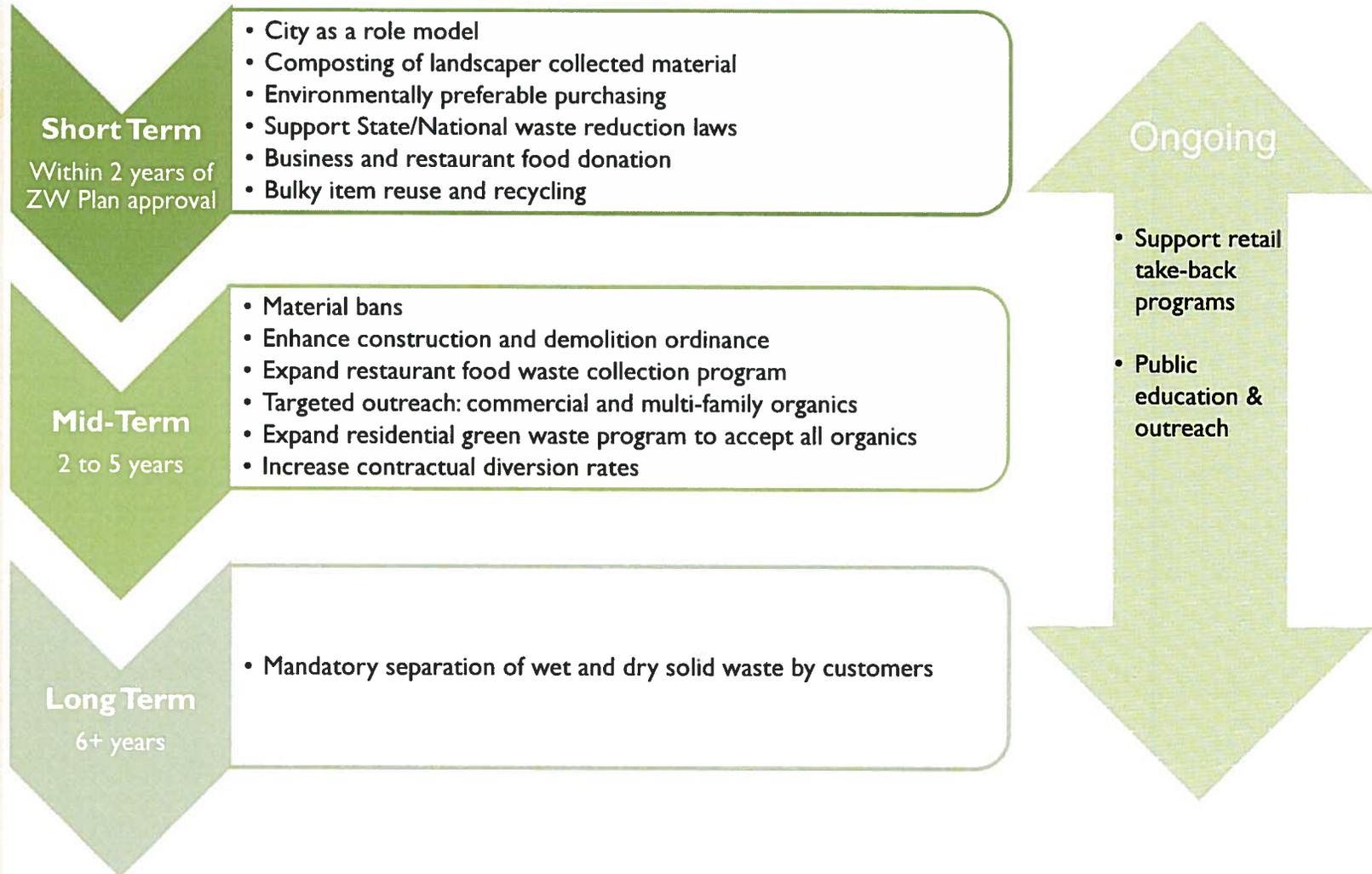
Pharmaceuticals – City refers to West Hollywood Sheriff's Department

Sharps Containers

Shred Events

School Environmental Assemblies

Zero Waste Policy and Program Options



Zero Waste Plan Development Schedule

| Task | Target Date |
|---|------------------------------------|
| 1. Public Works Commission Briefing | October 8, 2015 |
| 2. Council Meeting to Consider Zero Waste Resolution | Fall 2015 |
| 3. Prepare Zero Waste Plan Outline and Present to Stakeholders (school district, citizens' groups, local business associations) | After Council considers resolution |
| 4. Public Works Commission Update | January 2016 |
| 5. Prepare Draft Zero Waste Plan | March 2016 |
| 6. Public Works Commission Update | April 2016 |
| 7. Update Zero Waste Plan to Reflect Comments | May 2016 |
| 8. Present to City Council for Adoption | Summer 2016 |

Solid Waste Contracting Schedule

| Task | Target Date |
|----------------------------------|-------------------------|
| 1. Release Request for Proposals | June 2016 |
| 2. Proposals Due | September 2016 |
| 3. Proposal Evaluation | October – December 2016 |
| 4. Contractor Selection | January 2017 |
| 5. Negotiation | February – March 2017 |
| 6. Award of Contract | April 1, 2017 |
| 7. Start of Service | April 1, 2018 |

Zero Waste Policy and Program Options

| Policies | Description | Timing* | Diversion Potential | Notes |
|--|---|------------|-------------------------------------|---|
| 1. City as Role Model | City Departments/Facilities take leadership role in waste reduction, recycling, and composting | Short-Term | Low | |
| 2. Material Bans | Styrofoam, plastic bottles, retail litter, plant debris/organics disposal, etc. | Mid-Term | Dependent upon banned material | |
| 3. Enhance Construction and Demolition Ordinance | Go beyond CalGreen's 50% diversion requirement (e.g., 70% of mixed C&D; 100% of inerts; lower threshold) | Mid-Term | Medium | <ul style="list-style-type: none"> James Burnley to investigate option of using Green Halo |
| 4. Composting of Landscaper Collected Material | AB 1826 requires multi-family complexes to divert landscaping waste from landfilling. Establish local ordinance and/or outreach to landscaping companies and multi-family complexes to integrate composting into landscaping contracts. | Short-Term | TBD Depends on current practices | |



* Short-Term: Within 2 years of Zero Waste Plan approval; Mid-Term: 2 to 5 years; Long-Term: 6+ years

Zero Waste Policy and Program Options

| Policies | Description | Timing* | Diversion Potential | Notes |
|---|--|------------|---------------------|-------|
| 5. Retail Take-Back Ordinance | Support new and existing mandatory take back programs for producers and/or businesses that sell or manufacture HHW, pharmaceutical, and other difficult to recycle items | Ongoing | Low | |
| 6. Environmentally Preferable Purchasing Policy | Establish purchasing policies for all City departments requiring purchase of recycled content, recyclable, durable, repairable, and less toxic alternative products, when available. | Short-Term | Low | |
| 7. Support State/National Waste Reduction Laws | Support state and national legislation that reduces the waste stream from the production side, increases repairability/recyclability, and reduces toxicity | Short-Term | N/A | |



* Short-Term: Within 2 years of Zero Waste Plan approval; Mid-Term: 2 to 5 years; Long-Term: 6+ years

Zero Waste Policy and Program Options

| | Policies | Description | Timing* | Diversion Potential | Notes |
|-----|--|--|----------------|----------------------------|--------------|
| 8. | Business and Restaurant Food Donation | Work with local non-profits and food service businesses/institutions establish a program/network for food donation. | Short-Term | Low | |
| 9. | Bulky Item Reuse and Recycling | Emphasize reuse and recycling of bulky items; partner with reuse organizations; modify collection approach to maintain repair/reuse/recycling options. | Short-Term | Low | |
| 10. | Mandatory Residential and Commercial Separation | Require separation of “wet” from “dry” through mandatory ordinance or contamination charges. | Long-Term | Medium to High | |



* Short-Term: Within 2 years of Zero Waste Plan approval; Mid-Term: 2 to 5 years; Long-Term: 6+ years

Zero Waste Policy and Program Options

| Policies | Description | Timing* | Diversion Potential | Notes |
|---|--|----------|---------------------|--|
| 11. Expand Restaurant Food Waste Collection Program to All Significant Organics** Generating Establishments, and Include Separate "Dry" material collection | <ul style="list-style-type: none"> Beverly Hills currently has a separate restaurant route and a commercial mixed processing program. Revise restaurant route to collect clean, separated organics** from variety of businesses. Process remaining "dry" waste for recovery of recyclables. | Mid-Term | High | <ul style="list-style-type: none"> Container space may be an issues James Burnley to request a list of restaurants with two bins from Recology |
| 12. Targeted Outreach: Commercial/Multi-Family Organics | Provide targeted technical assistance and outreach to commercial customers and multi-family managers for organics programs. | Mid-Term | High See #11 | |



* Short-Term: Within 2 years of Zero Waste Plan approval; Mid-Term: 2 to 5 years; Long-Term: 6+ years

** Organics: Food waste, yard waste, food-soiled paper, fats/oils/grease, and compostable utensils

Zero Waste Policy and Program Options

| Policies | Description | Timing* | Diversion Potential | Notes |
|---|---|----------|---------------------|--|
| 13. Expand Residential Green Waste Program to Accept All Organics** | <ul style="list-style-type: none"> Allow residents to place all organics** in yard waste containers Reduction in organics** in mixed waste will “dry out” mixed materials, making them more recoverable and more valuable | Mid-Term | Medium to High | |
| 14. Increase Contractual Diversion Rates | Currently: 35% for residential mixed waste processed material; 60% for commercial waste stream | Mid-Term | Medium to High | <ul style="list-style-type: none"> Include in RFP |



* Short-Term: Within 2 years of Zero Waste Plan approval; Mid-Term: 2 to 5 years; Long-Term: 6+ years

** Organics: Food waste, yard waste, food-soiled paper, fats/oils/grease, and compostable utensils

Zero Waste Policy and Program Options

| Policies | Description | Timing* | Diversion Potential | Notes |
|-----------------------------------|--|---------|--------------------------|-------|
| 15. Public Education and Outreach | Establish robust, sector-specific, public education and outreach programs to teach customers how to properly participate in programs and inform behavior change (e.g. purchasing decisions for toxicity/recyclability/durability/reuse, household food waste reduction strategies, etc.) | Ongoing | Dependent upon intensity | |



* Short-Term: Within 2 years of Zero Waste Plan approval; Mid-Term: 2 to 5 years; Long-Term: 6+ years