



**SF Environment**

**Our home. Our city. Our planet.**

A Department of the City and County of San Francisco

# San Francisco Zero Waste





# San Francisco





# Zero Waste Approach

ENFORCEMENT  
 MANDATES  
 INCENTIVES  
 OUTREACH  
 PROGRAMS





# Programs



Photo courtesy of Recology



# Outreach



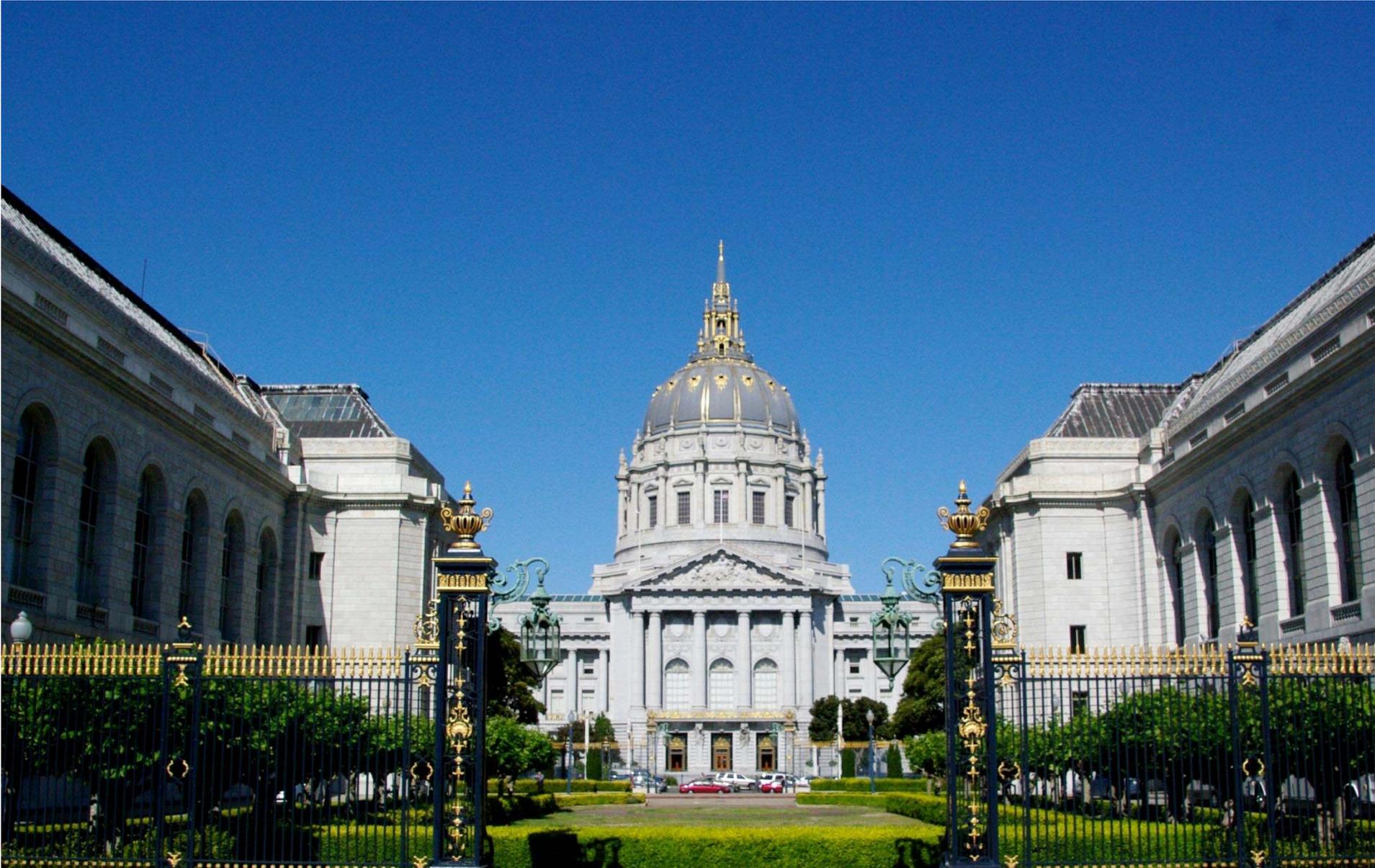


# Incentives





# Mandates





# Enforcement



Photo courtesy of Mark  
Boyer



# Rate Process





**R**  
**Recology**  
Sunset Scavenger  
Golden Gate  
San Francisco  
WASTE ZERO



# SAN FRANCISCO DRAFT RATE APPLICATION PUBLIC WORKSHOP

October 2016

# AGENDA



- 1. Services & Operational Overview**
- 2. Collection, Processing, and Disposal Rates**
  - a) What's Driving Rate Changes?**
  - b) Challenges**
  - c) Processing Facilities**

# SERVICES & OPERATIONS

# SERVICES OVERVIEW



**Recology**

Sunset Scavenger  
Golden Gate  
San Francisco  
WASTE ZERO



**Collection**



**Processing**



**Compostables**



**Recyclables**



**Landfill**

# SERVICES OVERVIEW



**Collection**



**Processing**



**Compostables**



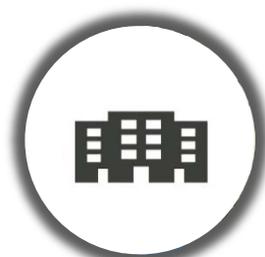
**Recyclables**



14 of 27  
**Landfill**



Residential



Apartment



Commercial



City  
Services



**Tons  
Diverted**

**Tons  
Diverted**

**Tons  
Landfilled**

**Programs**

- Bulky Item & Abandon Materials
- Small Quantity Hazardous Waste
- Education and Outreach (Waste Zero Team)

# COLLECTION



**Recology**

Sunset Scavenger  
Golden Gate  
San Francisco

WASTE 15 of 27

# RECYCLABLES PROCESSING



Manual  
Sorting



Optical  
Sorting



Transport to  
Buyers



Mechanical  
Sorting



Baling of  
Recyclables

## Operations

- Completed improvements to increase throughput, accept new materials and improve recovery

# COMPOSTABLES PROCESSING



**Transport to  
Compost Facility**



**Compost  
Curing**



**Advanced Compost  
Processing**



**Sell to Farms/  
Agriculture**



## Operations

- Largest organics collection and processing program in the United States

# TRASH



**Transport to  
Landfill**



**Landfill**



## Operations

- New landfill contract effective January 2016

# COLLECTION, PROCESSING, AND DISPOSAL RATES

# WHAT'S DRIVING RATES?

## Program Changes

- More recyclables
- Reducing size of trash bin and increasing size of blue bin
- Abandoned materials collection

## Facility Limitations

- Organics transfer station
- C&D processing
- Black bin processing

## Higher Costs

- Composting regulations
- Landfill agreement

# CHALLENGES - RECYCLABLES

## CHALLENGES

- Customer confusion
- Current need to increase truck capacity and bin sizes to accommodate increased tonnages
- Trucks traveling to two locations to drop off recyclables at Pier 96 and trash at Tunnel Road transfer station

## SOLUTIONS

- Expand outreach through onboard computer system
- Change to dedicated, single body trucks to collect recyclables and increase standard recycling bin sizes

# CHALLENGES - COMPOSTABLES

## CHALLENGES

- Multi-family participation is relatively low and contamination is high
- Tunnel Road Organics Annex is too small for current material volumes

## SOLUTIONS

- Increase composting education programs to maximize green bin usage and utilize onboard computers to improve customer communication and decrease contamination
- Tunnel Road and Recology Organics facility improvements and expansion efforts to accommodate increase in tonnage

# CHALLENGES - LANDFILL

## CHALLENGES

- Recyclables and compostables continue to end up in the trash
- New landfill contract with City of San Francisco and Recology Hay Road at a higher disposal cost than prior contract that originated 25 years ago

## SOLUTIONS

- Reduction in standard trash bin size to accommodate and encourage better utilization of recycling and composting bins
- Increased education and outreach programs to decrease recyclables and compostables in the trash

# CHALLENGES - EXPANDED COLLECTION SERVICES

## CHALLENGES

- Increased Bulky Item Recycling requests
- Abandoned Materials Collection

## SOLUTIONS

- Additional routes and drivers

# RATE REVIEW PROCESS

Three applicable laws govern refuse rate applications in San Francisco:

- Public Works Order No. 185078, Rules of Procedure
- Refuse Collection and Disposal Ordinance of 1932 (Appendix 1 of San Francisco City Charter)
- California Proposition 218 {Right to Vote on Taxes Act}

2016		2017							
Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
Recology submits draft application	Determination of Completeness	Final application	Technical Workshop; Director's Hearing(s)	Staff report; Director's hearing(s)	Director's hearing(s); Prop. 218 hearing; Director's report and order	Rate Board hearing(s) [if objections are filed]	Rate Board decision	New rates go into effect	

# OPPORTUNITIES FOR PUBLIC PARTICIPATION

## Ratepayer Advocate

RDJ Enterprises, 1485 Bayshore Boulevard, Suite 135, San Francisco, CA 94124  
415-324-8477, [ratepayeradvocate@rdjent.biz](mailto:ratepayeradvocate@rdjent.biz)

- Oversees public participation in rate review process
- Serves as single point of contact for ratepayers
- Helps ratepayers convey their comments and concerns during the proceedings

## How can the public participate?

- Attend workshops
- Submit written comments
- Testify at the public hearings
- File a Proposition 218 objection at the public hearing

**To receive notices about future rate activities, please submit your request to:**

San Francisco Public Works, Attn. Refuse Rates  
City Hall, 1 Dr. Carlton B. Goodlett Place, San Francisco, 94102  
[refuserates@sfdpw.org](mailto:refuserates@sfdpw.org)



[www.sfpublicworks.org](http://www.sfpublicworks.org)