

Scrap Your Fears About Food Waste Regulations: Preparing for SB1383

League of California Cities
Annual Conference

Nicole Enright
Associate Program Manager



INSTITUTE FOR
LOCAL GOVERNMENT

WELCOME



Non-Profit, Non-Partisan & Here to Help

- ILG is the non-profit training and education affiliate of three statewide local government associations
- Together with our affiliates, we serve over 2,500 local agencies – cities, counties and special districts
- We provide practical and easy-to-use resources so local agencies can effectively implement policies on the ground



**California Special
Districts Association**
Districts Stronger Together

ILG's Programs & Services

Program Areas

Leadership & Governance

Civics Education & Workforce

Public Engagement

Sustainable & Resilient Communities



Services

Education & Training

Technical Assistance

Capacity Building

Convening

Our mission is to help local government leaders navigate complexity, increase capacity & build trust in their communities

ILG Recycling Resource Center



CONNECTING THE DOTS

Recycling, Climate and Economic Development



Resources, webinars and case examples to help your agency expand your programming and build additional infrastructure:

- Funding and Financing Recycling Infrastructure
- Planning and Siting Recycling Infrastructure
- Commercial Recycling

ca-ilg.org/recycling-resource-center

Today's Presenters & Subject Matter Experts



Nicole Enright
Associate Program Manager
Institute for Local Government



Cara Morgan
Branch Chief
CalRecycle



Jennifer Chong
Public Works Program Manager
City of Half Moon Bay



Chuck Helget
Director of Government Affairs
Republic Services

Session Objectives

- *Understand how the regulations of SB 1383 will impact your city services and delivery.*
- *Learn promising practices about how to develop, create, and implement local programs to reach the statewide goals to reduce organic waste.*



Setting the Stage

Organic waste reduction and recycling in the context of...

A global
pandemic

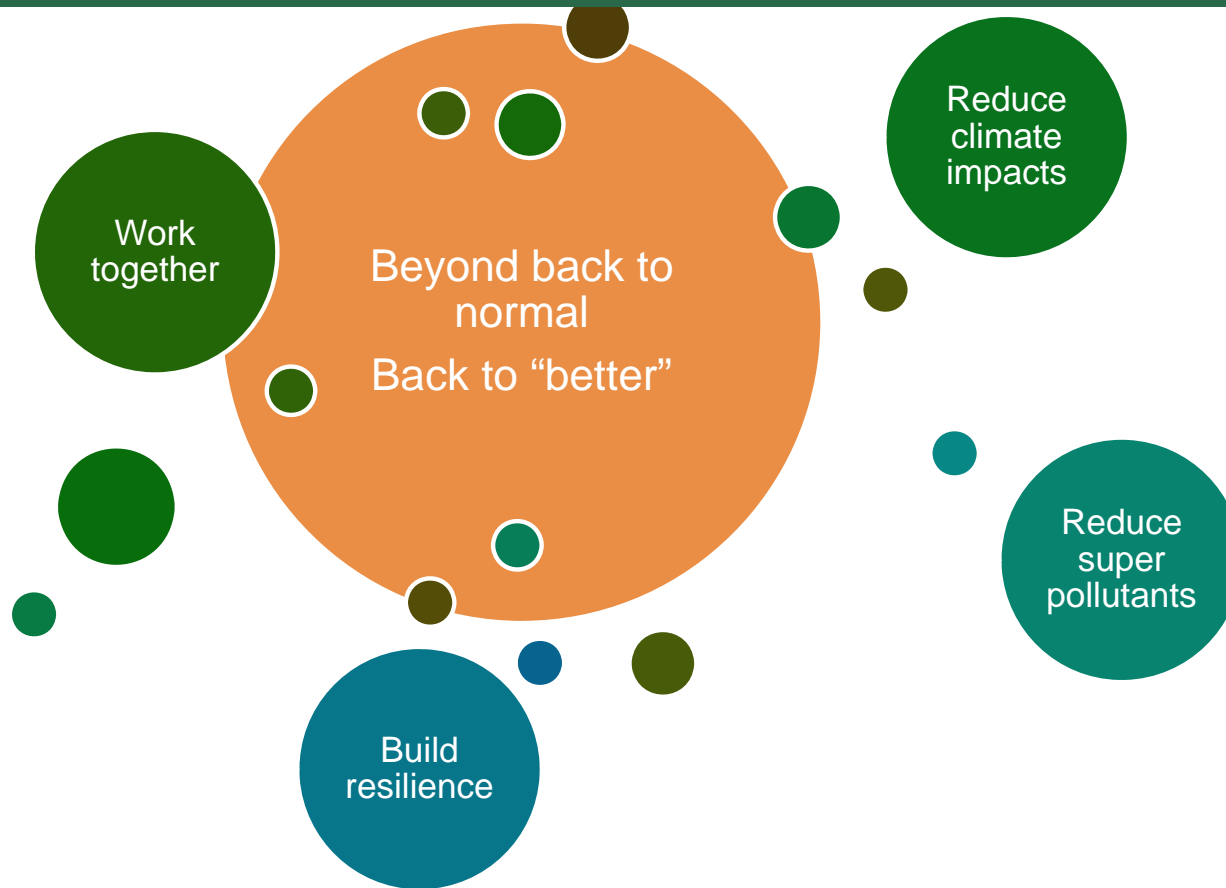
Devastating
wildfires

Climate impacts

Economic
downturn

Uncertainty...and
more

Setting the Stage



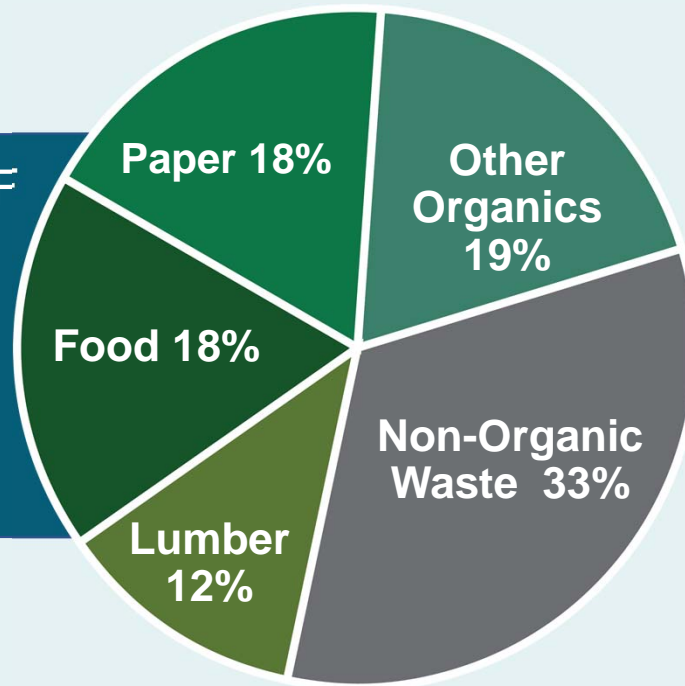
California's Super-Pollutant Reduction Strategy

An Overview of SB 1383's
Organic Waste Reduction
Requirements



Organic Waste Is the Largest Waste Stream in California

CALIFORNIA DISPOSED OF APPROXIMATELY 27 MILLION TONS OF ORGANIC WASTE IN 2017



California's Waste Stream

IN CALIFORNIA, MILLIONS ARE
FOOD INSECURE

1 IN 5 CALIFORNIANS



CALIFORNIA THROWS AWAY
MORE THAN 6 MILLION TONS
OF FOOD WASTE EVERY YEAR!

CLIMATE CHANGE NEGATIVELY IMPACTS CALIFORNIA

Landfilled Organic Waste Emits
Methane Gas—
A Super Pollutant
More Powerful than CO₂

Methane Gas Contributes to
Climate Change in California



CALIFORNIA
is already experiencing
the impacts of
CLIMATE CHANGE

IN 2015 THE DROUGHT COST THE AGRICULTURE INDUSTRY IN THE CENTRAL VALLEY AN ESTIMATED \$2.7 BILLION & 20,000 JOBS

SB 1383 Requirements

2020

50% REDUCTION IN LANDFILLED ORGANIC WASTE
(11.5 Million Tons Allowed Organic Waste Disposal)

2022

REGULATIONS TAKE EFFECT

2025

75% REDUCTION IN LANDFILLED ORGANIC WASTE
(5.7 Million Tons Allowed Organic Waste Disposal)

2025

**20% RECOVERY OF CURRENTLY DISPOSED EDIBLE
FOOD FOR HUMAN CONSUMPTION**

New Statewide Programs to Reduce Super Pollutants

Food & Organics Waste Collection



Edible Food to Food Insecure



New and Expanded Recycling



Recycled Organics Products



**Lower GHGs =
1.7 million fewer cars a year**

SB 1383 Key Jurisdiction Dates

2022



Provide Organics Collection Service to All Residents and Businesses



Establish Edible Food Recovery Program



Conduct Education and Outreach



Procurement



Capacity Planning

2024



Starting January 1, 2024 Jurisdictions must take action against non compliant entities

Jurisdiction Responsibilities

**Provide Organics
Collection Services to All
Residents and Businesses**



**Conduct Education and
Outreach to Community**



**Secure Access to
Recycling and Edible
Food Recovery Capacity**



**Establish Edible Food
Recovery Program**



**Procure Recyclable and
Recovered Organic
Products**

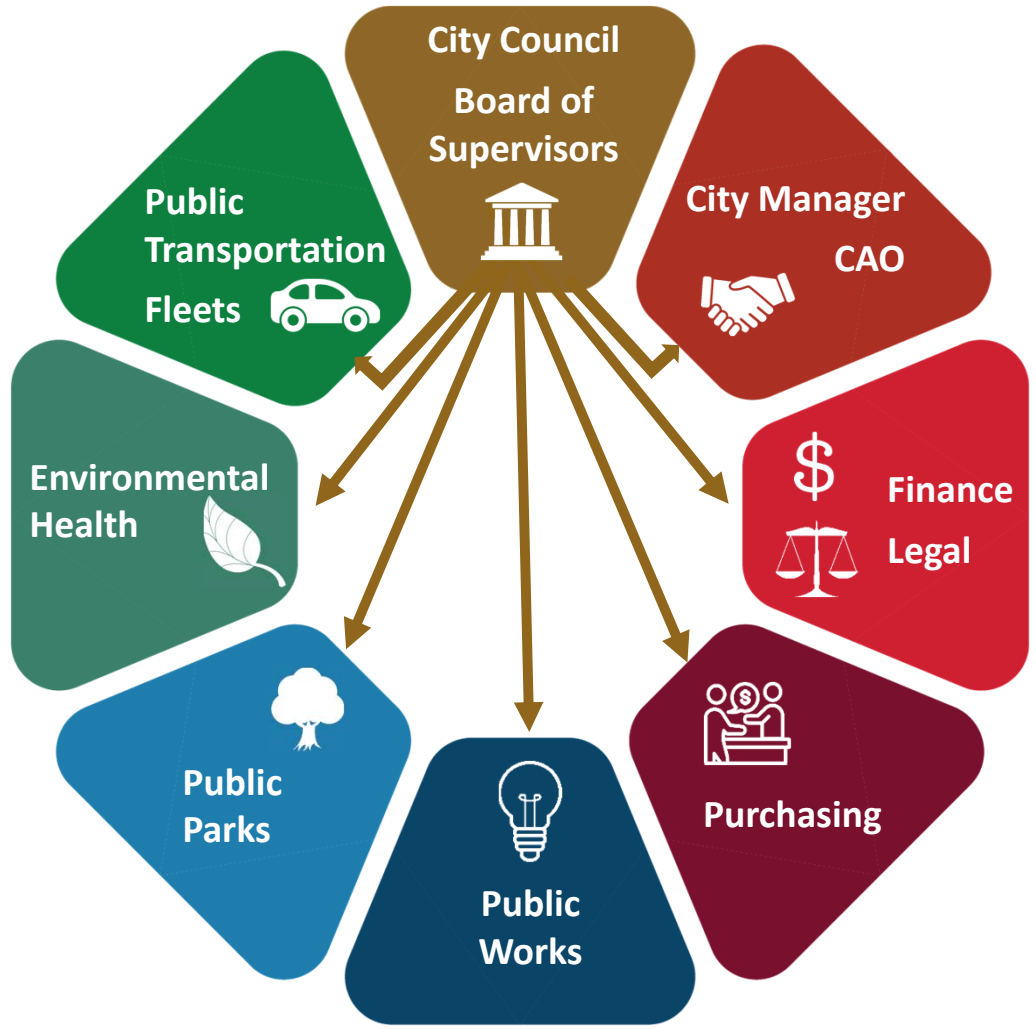


**Monitor Compliance
and Conduct
Enforcement**

SB 1383 IN ACTION

LOCAL GOVERNMENT ROLES AND RESPONSIBILITIES

SB 1383 doesn't just apply to waste management and recycling departments. Every local department plays a role in SB 1383 implementation.



SB 1383 IN ACTION

JURISDICTION REQUIREMENTS



Provide organics collection service to all residents and businesses

Organic Waste Collection Services



Three-Container “source separated” Collection Service

- Organics prohibited from black container
- All organic waste segregated for collection and recycling



Two-Container Collection Service

- One container for collection of segregated organic waste
- One container for collection of mixed waste (subject to 75% organic content recovery standard)



One-Container Collection Service

- One container for collection of mixed waste (subject to 75% organic content recovery standard)

- Minimum contamination monitoring and reduction requirements
- Collection waivers authorized for certain documented circumstances

SB 1383 IN ACTION

EDIBLE FOOD RECOVERY PROGRAM



Establish Edible Food Recovery Program

JURISDICTION REQUIREMENTS

Identify Existing Food Recovery Capacity

Expand Existing Food Recovery Capacity (if needed)

Monitor Commercial Edible Food Generators for Compliance

Ensure Commercial Edible Food Generators Have Access to Food Recovery Services



SB 1383 IN ACTION

EDUCATION REQUIREMENTS



**Conduct Education and
Outreach to Community**

JURISDICTION REQUIREMENTS

Annually educate all organic waste generators, commercial edible food generators, and self-haulers about relevant requirements

Jurisdictions must provide print or electronic communication.



Jurisdictions May Supplement with Direct Communication.



**Appropriate educational material must be provided to
linguistically isolated households**

Model Signage

回收 RECYCLE RECICLAR

紙
Paper
Papal



塑膠
Plastic
Plástico



金屬
Metal
Metal



玻璃
Glass
Vidrio



Collect all clean plastic bags and wrap inside one bag.
將所有乾淨的塑膠袋和包裝紙放進袋子裡
Meta todas las bolsas y envolturas de plástico limpias en una bolsa.

SFRecycles.org

SF Environment
Our home. Our city. Our planet.
A Department of the City and County of San Francisco



customerservicesf@recology.com
(415) 330-1300

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堆肥 COMPOST COMPOSTAR

廚餘食物
Food scraps
Restos de comida



髒的紙盒
Dirty paper containers
Recipientes sucios de papel



擦手紙和紙巾
Paper towels & tissues
Toallas y pañuelos de papel



植物
Plants
Plantas



可有機分解的產品
Compostable products
Artículos compostables



BPI Must be labeled "compostable" or BPI
物品必須標有 "compostable" (可分解)
或 BPI
El artículo debe estar etiquetado como
"compostable" o BPI

SFRecycles.org

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Our home. Our city. Our planet.
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Signage for AB 827 (2019) and SB 1383:

<https://www.calrecycle.ca.gov/Recycle/Commercial/Organics/PRToolkit/>

CalRecycle

SB 1383 IN ACTION

PROCUREMENT REQUIREMENTS



Procure Recycled and Recovered Organic Products

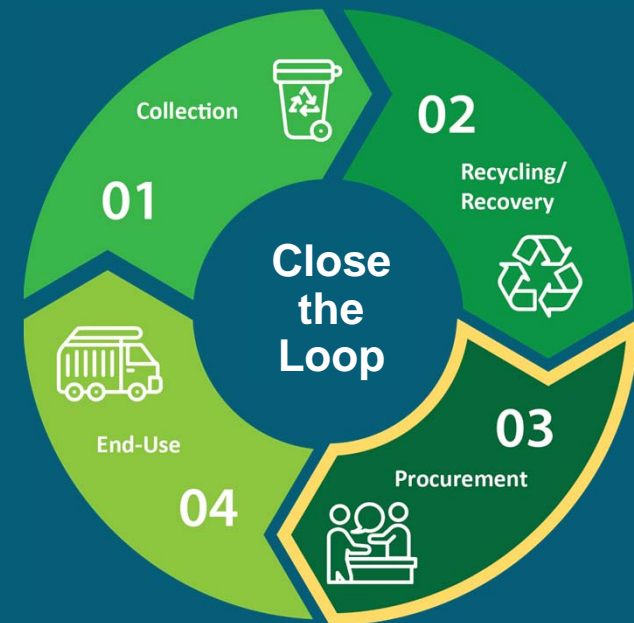
JURISDICTION REQUIREMENTS

COMPOST, RNG & ELECTRICITY

- Minimum Procurement

PAPER PROCUREMENT REQUIREMENTS

- Recycled Content
- Recyclability



Construction & Landscaping Requirements



Recycling organic waste commingled with C&D debris, to meet CalGreen 65% requirement for C&D recycling in both residential and non-residential projects

Model Water Efficient Landscape Ordinance (MWELO) requirements for compost and mulch application.



SB 1383 IN ACTION

INFRASTRUCTURE REQUIREMENTS



Evaluating Current Infrastructure and Planning New Compost and AD Facilities and Edible Food Recovery



SB 1383 IN ACTION

INSPECTION AND ENFORCEMENT REQUIREMENTS



Monitor Compliance and Conduct Enforcement

JURISDICTION REQUIREMENTS

Ordinance 2022



Adopt an Ordinance
(Enforceable Mechanism)
Including Enforcement

Compliance Monitoring & Education 2022-2024



Annual Compliance Reviews, Route Reviews, Inspections

Educate Violators

Compliance Monitoring & Enforcement 2024



Annual Compliance Reviews
Route Reviews, Inspections,
Notice of Violations,
Penalties for Violators

JURISDICTION ENFORCEMENT REQUIREMENTS



Must Have Enforcement and Inspection Program that Includes:

- **Annual Compliance Review**
 - Commercial Businesses that Generate ≥ 2 Cubic Yards/week
 - Verify Businesses are:
 - Subscribed to Service or Self-hauling
- **2 or 3 Container Collection Service: Route Reviews of Commercial/Residential Areas to Verify Service and Inspect for Contamination**
- **Single Unsegregated Collection Service: Verify Businesses are subscribed to a service that is Transporting Contents to a High Diversion Organic Waste Processing Facility**

Requirements Harmonize with AB 1826 and Don't Establish a Minimum Quantity of Physical Inspections

JURISDICTION ENFORCEMENT REQUIREMENTS ON COMMERCIAL FOOD GENERATORS



Must Have Enforcement and Inspection Program that Includes:

- Inspections to verify:
 - Edible food Recovery arrangements
- Tier 1 Commercial Edible Food Generators by 2022
- Tier 2 Commercial Edible Food Generators by 2024

Commercial Edible Food Generator Inspections Can Be Combined with Existing Mandatory Inspections

SB 1383 IN
ACTION
JURISDICTION
REQUIREMENTS



**Maintain Records and
Report to CalRecycle**

Recordkeeping Requirements:



Organic
Collection
Services



Hauler
Program



Contamination
Minimization



Waivers



Education &
Outreach



Edible Food
Recovery
Program



Recycled
Organic Waste
Procurement



Recycled
Paper
Procurement



Commercial
Edible Food
Generators



Jurisdiction
Inspection &
Enforcement



STATE ENFORCEMENT



CALRECYCLE OVERSIGHT (BEGINS IN 2022)



Authorize Waivers

- Low Population
- Rural Areas

Emergency Circumstances

Oversee and Monitor

- State Agencies and Facilities
- Local Education Agencies



Oversee and Monitor for Compliance

Jurisdiction Review

- Conduct joint inspections with jurisdictions
- Review Implementation Record



If Violations

- Issue Notices of Violation
- May Authorize Corrective Action Plan
- Allows up to 24 months to address barriers outside of a jurisdiction's control

Model Implementation Tools

<https://www.calrecycle.ca.gov/organics/slcp/education>



Franchise
Agreement



Mandatory Organics Disposal
Reduction Ordinance



Procurement
Policy



Food Recovery
Agreement

Statewide Public Education Campaign

Goals

- Increase Recycling Rate
- Clean Up Recycling System
- Making Organics Recycling Routine

Deliverables

- Research
- Messaging and Branding
- Translation
- Assistance to Jurisdictions

Funding

- 3-Year contract for up to \$15.9 Million

Market Development Opportunities

Greenhouse Gas Grant & Loan Programs

Recycling Market Development Zone (RMDZ) Program

Partnership with the Governor's Office of Business and Economic Development





**STAY
ENGAGED**



<https://www2.calrecycle.ca.gov/Listservs/Subscribe/152>



<https://www.calrecycle.ca.gov/organics/slcp>



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SB1383 Case Study: City of Half Moon Bay

Jennifer Chong
Public Works Program Manager



Jurisdiction Responsibilities

**Provide Organics
Collection Services to All
Residents and Businesses**



**Conduct Education and
Outreach to Community**



**Secure Access to
Recycling and Edible
Food Recovery Capacity**



**Establish Edible Food
Recovery Program**



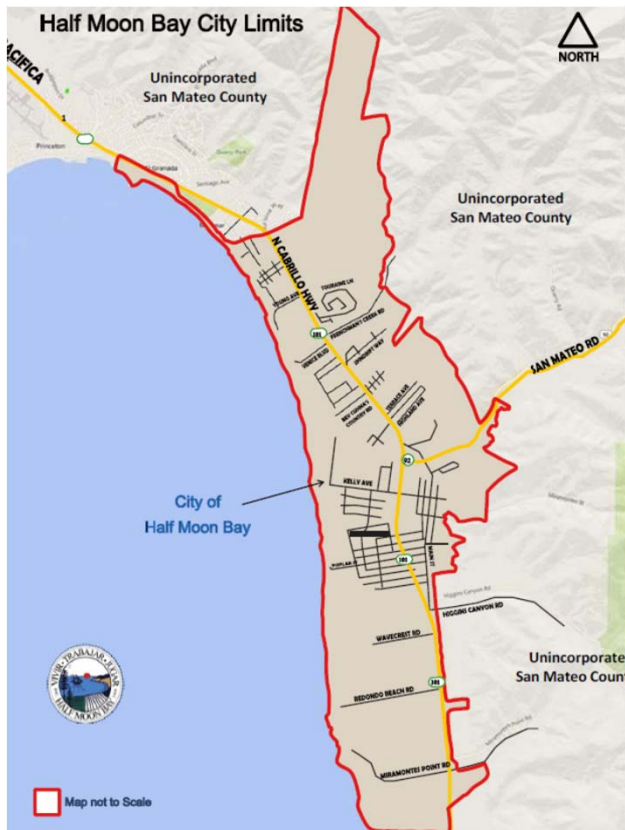
**Procure Recyclable and
Recovered Organic
Products**



**Monitor Compliance
and Conduct
Enforcement**



About Half Moon Bay



- **Population:** ~ 13,000
- **Businesses:** ~ 1,100
- **Waste Hauler:** Republic Services
- **Franchise Agreement:** 10-year with a 5-year extension, at City's option
- **Franchise Agreement Start Date:** April 1, 2018

Highlights of Franchise Agreement

- Established a rate structure that incentivized diversion
 - Base service includes minimum level of garbage, recycling and compost
- Added food scraps to compost waste collection
- Included new carts with graphic labeling with color requirements
- Expanded reporting and outreach requirements

Success Through Rate Structures: Single-Family Dwellings



Provide organics
collection service to all
residents and businesses

One rate, three streams

- Rate based on garbage cart size
- Garbage options: 20, 32, 64 gallon
 - Default is 64-gal recycling, 96-gal organics



Success Through Rate Structures: Multi-Family Dwellings



Provide organics
collection service to all
residents and businesses

All-inclusive base level service

- Garbage service includes...
 - 20-gallon organics per MFD unit*
 - 32-gallon recycling per MFD unit*
- Recycling free up until 10 CY Debris Boxes
- Additional organics cost \$

*Services can be combined into larger bin



Success Through Rate Structures: Commercial Businesses



Provide organics
collection service to all
residents and businesses

All-inclusive base level service

- Garbage service includes...
 - 32-gallon organics
 - 96-gallon recycling
- Recycling free up until 10 CY Debris Boxes
- Additional organics cost \$



New Carts and Refurbished Bins



Cart and Bin Labeling

Garbage/Basura

RepublicServices.com/hmb
650-592-2411 | InfoHMB@RepublicServices.com



This banner illustrates items that belong in the Garbage/Basura bin. It includes various types of waste such as plastic gloves, red and blue trash bags, broken ceramic dishes, white plastic cups, straws, food wrappers, and other non-recyclable debris.

Recycle/Reciclado

RepublicServices.com/hmb
650-592-2411 | InfoHMB@RepublicServices.com



This banner illustrates items that belong in the Recycle/Reciclado bin. It features newspapers, cardboard boxes, plastic bottles, metal cans, and other materials that can be recycled.

Compost/Abono

RepublicServices.com/hmb
650-592-2411 | InfoHMB@RepublicServices.com



This banner illustrates items that belong in the Compost/Abono bin. It shows organic waste such as food scraps, vegetable peels, coffee grounds, and other materials that can be composted.

Education and Outreach

The collage features several key educational materials:

- Garbage, Recycling, and Organics Residential Collection Services Guide:** A bilingual guide (English and Spanish) explaining collection services, including kitchen recycling, battery recycling, and motor oil recycling.
- Garbage:** A poster with a 'Yes' (green) and 'No' (red) list for what can and cannot be placed in the garbage bin.
- Recycling:** A poster with a 'Yes' (green) and 'No' (red) list for what can and cannot be recycled.
- Compost:** A poster with a 'Yes' (green) and 'No' (red) list for what can and cannot be composted.
- Abono (Compost):** A poster with a 'Sí' (green) and 'No' (red) list for what can and cannot be added to the compost bin.
- Basura (Garbage):** A poster with a 'Sí' (green) and 'No' (red) list for what can and cannot be placed in the garbage bin.
- Mobile App Information:** Details about the 'My Resource' mobile app, available in both English and Spanish.
- Customer Service:** Information on how to reach customer service via email, phone, or in-person.
- Extra Recycling:** Information about recycling services for items like tires, appliances, and large furniture.
- Cart Set-Out Guidelines:** Instructions on how to properly set out recycling and garbage carts.



Conduct education and outreach to community

Bilingual Posters, Meetings, Posters, Bilingual Brochures, Workshops

Education and Outreach



Conduct education and outreach to community

Exciting Changes Are Coming to Your Recycling and Garbage Collection Services!

New Programs Start April 2, 2018

Half Moon Bay Residents

Starting Monday, April 2, 2018, your curbside recycling and garbage collection programs will be enhanced, providing you with more opportunities to recycle and protect the environment. More details will be provided to you soon, but look below and throughout this brochure for a preview of these exciting service enhancements!

Garbage Cart Size	Monthly Rate Starting April 2
20 Gallon	\$31.01
32 Gallon	\$36.99
64 Gallon	\$67.34
96 Gallon	N/A

Green Cart Compost
Place food scraps and food-soiled paper products in your green cart along with your yard trimmings for composting.

Blue Cart Recycle
Place all of your recyclables in this cart.

Gray Cart Garbage
Place only those items that you cannot recycle or compost in this cart.

New Carts On Their Way
In preparation for the new services next year, we will be exchanging your old carts for new carts in March 2018. These new carts will include images on their lids of what can and cannot go in each cart. All residents will receive three carts, including a 64-gallon Recycle Cart and a 96-gallon Compost Cart. Your Garbage Cart will remain the same size unless you currently have a 96-gallon Garbage Cart, in which case you will receive a 64-gallon Garbage Cart. There will no longer be a 96-gallon Garbage Cart size option and we encourage residents to fully participate in the recycling and compost programs to reduce their waste.

More Programs Coming Your Way
The following highlights some of the other convenient programs that will be available to you at no additional cost.

Kitchen Pail
To make composting easier, we will be providing each household with a kitchen pail. You can use it to collect your food scraps and then in your green Compost Cart.

HHW, E-Waste & Shred Events
Get rid of your unwanted hazardous waste (HHW), e-waste (E-Waste) and confidential documents at our drop-off twice each year. Stay tuned next event!

On-Call Bulky Goods Collection
Schedule up to two On-Call Goods collections annually, rid of unwanted items for recycling or disposal.

Used Motor Oil & Oil Filter Recycling
Continue to recycle used oil and oil filters curbside. Place oil and filters in sealed cans and plastic bags and place next to your Recycle Cart.

Battery Recycling
Continue to recycle household batteries curbside. Please place batteries in a sealed plastic bag on the lid of your Recycle Cart.

Compost Giveaways
Use the compost from our giveaways to enrich your garden and save water. Stay tuned next event!

Join us!
Come to our Community Meeting to learn more about the upcoming changes.
Date: January 11, 2018
Time: 6-7 pm
Location: Ted Adcock Community Center, 535 Kelly Avenue, Half Moon Bay

Bilingual Mailers and Community Meetings

Education and Outreach



Conduct education and outreach to community

GARBAGE, RECYCLING & ORGANICS 101 with **THREE DATES!**

Learn about your upcoming garbage and recycling services, including the brand new residential food scraps program!

UPCOMING WORKSHOP DATES

- 1) Tuesday, February 27, 2018 at 6:30pm
- 2) Monday, March 5, 2018 at 1:00pm
- 3) Monday, March 12, 2018 at 6:30pm
Spanish translation available at this meeting

All workshops will be held at the **Ted Adcock Community Center at 535 Kelly Avenue**

Can't make one of these sessions?
Visit www.republicservices.com/hmb or call (650) 592-2411 to learn about your new services.



Compost food pail to be provided to all residential customers



City of Half Moon Bay Public Works Department
501 Main Street, Half Moon Bay, CA, 94019
Phone 650-726-8270 • Fax 650-726-8261 • www.hmbcity.com

Post Implementation Workshops

Education and Outreach



Conduct education and outreach to community

Garbage, Recycling, and Organics Residential Collection Services Guide

Guía de los servicios de recolección de desechos residenciales de Half Moon Bay

REPUBLIC SERVICES
We'll Handle It From Here™

HALF MOON BAY

New Programs Start April 2, 2018
This guide explains what items are accepted, not accepted, and what other programs are included in the service.

Los programas nuevos comenzarán el 2 de abril del 2018
Esta guía explica qué artículos se aceptan y cuáles no se aceptan, y qué otros programas están incluidos en el servicio.

Additional Services (Included with service subscription)

Kitchen Pail
Use your new kitchen pail as a convenient way to collect food scraps. Check full empty the contents of your kitchen pail into your Green Compost Cart. Use newspaper paper bags, towels, or 100 approved compostable bags to line your kitchen pail and Compost Cart. Kitchen pails are for collection use ONLY. Do not use this pail for food collection.

Cubos de cocina
Utilice su nuevo cubo de cocina como una manera conveniente de recolectar los restos de comida en su cocina. Cuando esté lleno, vacíelo en el bote verde para abono natural. Puede usar bolsas compostables como aprobadas por OFP para forrar el cubo de cocina o el bote para abono natural. También puede usar papel de periódico, toallas o toallas de papel para forrar el cubo de cocina y el bote para abono natural, y para recoger los restos de comida. No intente utilizar el cubo o el bote para su recolección.

Battery & Cell Phone Recycling
Place used household batteries in your battery and cell phones in a clear rigid-plastic plastic bag for use in your Blue Recycle Cart on your collection day. Bring household batteries individually with their caps. DO NOT place batteries and cell phones inside the cart.

Usad Motor Oil & Oil Filter Recycling
Place up to five, one-gallon clear plastic jugs (with no new jugs of used motor oil) and up to one one-gallon clear plastic jug with used oil filters curbside on your collection day. Jugs must be labeled "Used Motor Oil" and oil filters next to your Blue Recycle Cart.

On-Call Bulky Goods Collection
Get rid of unwanted items for reuse, recycling or disposal at no fee times per year.

Accepted items include:

- Garbage - Up to three cubic yards for the equivalent of 10 32-gallon used garbage bags (or bigger, based on rounded garbage dimensions) and other items.
- Bulky items - Up to two large items not exceeding 8 feet by 8 feet, including appliances, freezers, and other items.
- Free trucks or branches must not exceed 21 feet in length.

Call Republic at 800-552-2611 to schedule a collection. Consider donating items that can be reused.

Extra Recycling
Items recycling beyond what fits in your blue bin: set in brown paper bags or cardboard boxes 100% Recycled and boxes must be labeled with an R0 ground.

Cart Set-Out Guidelines
Set out your carts by 6 AM on your collection day. Do not curbside, but must be fully closed. Place carts curbside with wheels against the curb.

Reciclado de baterías y teléfonos celulares

El día de su recolección, coloque las baterías domésticas usadas (las baterías de coche) y los teléfonos celulares en una bolsa transparente con cierre y ponga el bote verde a la base de su cubo azul para reciclado. Aplique esta adhesiva transparente individualmente a las baterías que tendrán su carga entre 4-140 cuando las use en teléfonos celulares o dentro del bote.

Reciclado de aceite de motor y de filtro

Reservado to:

- Un máximo de 5 contenedores.
- Bases de aceite de motor.
- Plus un máximo de cinco filtros de aceite de motor.

Reservado:

- Un máximo de 5 cubos de aceite de motor.
- Un máximo de 5 cubos de aceite de motor.
- Plus un máximo de cinco filtros de aceite de motor.

Reservado:

- Un máximo de 5 cubos de aceite de motor.
- Un máximo de 5 cubos de aceite de motor.
- Plus un máximo de cinco filtros de aceite de motor.

Recycle

Yes: Clean, dry household items that are in good condition. Examples include: books, magazines, newspapers, old toys, small appliances, and other household items.

No: Stained, soiled, or damaged items. Examples include: paint cans, aerosol cans, car tires, and other hazardous materials.

Reciclado

Si: Limpio, seco, artículos domésticos que están en buenas condiciones. Ejemplos incluyen: libros, revistas, periódicos, juguetes pequeños, electrodomésticos pequeños y otros artículos domésticos.

No: Manchas, sucios, o artículos dañados. Ejemplos incluyen: latas de pintura, aerosoles, neumáticos y otros materiales peligrosos.

Compost

Yes: Fruit and vegetable scraps, coffee grounds, tea bags, eggshells, and other kitchen scraps.

No: Meat, dairy, oils, fats, and other animal products.

Abono

Si: Restos de frutas y verduras, posos de café, bolsitas de té, cáscaras de huevo y otros restos de cocina.

No: Carne, lácteos, aceites, grasas y otros productos animales.

Garbage

Yes: Household trash, including paper, plastic, glass, and metal.

No: Appliances, electronics, and other bulky items.

Basura

Si: Residuos domésticos, incluyendo papel, plástico, vidrio y metal.

No: Electrodomésticos, electrónicos y otros artículos voluminosos.

Bi-lingual Brochures

Securing Capacity for Recycling and Compost



Evaluating current infrastructure and planning new compost and AD facilities and edible food recovery

- RFP required identification of disposal and processing facilities for recycling and organics
 - Ownership or signed agreement with facility
 - Compliance with all rules, regulations, and laws
 - **Ability to accept 100% of material generated from jurisdiction**

Procurement



**Procure recyclable and
recovered organic
products**

- Franchise Agreement includes two, 15-yard compost giveaways per year
- City adopted a Sustainable Purchasing and Operations Policy in September

Compliance and Enforcement



**Monitor compliance and
conduct enforcement**

- City working on adopting the ordinance using CalRecycle models
- Leverage Franchise Agreements to support implementation and enforcement

Food Recovery Programs



**Establish edible food
recovery program**

- County of San Mateo currently piloting food recovery programs
- County Contact: Jack Johnson, Senior Sustainability Specialist,
jejohnson@smcgov.org

Contact Information



Jennifer Chong

Public Works Program Manager

jchong@hmbcity.com

(650) 712-5835

Scrap Your Fears About Food Waste Regulations: Preparing for SB1383

October 2020



We'll handle it from here.™

Key Recycling Legislative Milestones

1989 AB 939 (Sher) sets a diversion rate of solid waste from landfills at:

- 25% by 1995
 - 50% by 2000
-

2011 AB 341 (Chesbro) sets a recycling rate of solid waste from landfills at:

- 75% by 2020
 - Requires businesses to arrange for recycling services
-

2014 AB 1826 (Chesbro) requires:

- Local governments to adopt an organic waste recycling program
- Generators of organic waste to arrange recycling services by 2019

AB 1594 (Williams) eliminates:

- Diversion consideration for green waste as alternate daily cover
 - Effective January 1, 2020
-

2016 SB 1383 (Lara) sets a diversion rate of organic waste from landfills at:

- 50% by 2020
- 75% by 2025
- CalRecycle estimates more than \$21 billion to implement

Update on Achieving Recycling Milestones

1995 25% diversion of solid waste



2000 50% diversion of solid waste



2016 44% actual diversion rate



2019 Lower projected rate



2020 75% recycling of solid waste



50% recycling of organic waste



2025 75% recycling of organic waste

HIGHLY UNLIKELY

2018

*China Sword
destroys
commodity
market*

What Happened?

Major Structural Changes in the Recycling Marketplace

Changes in the Stream

Newsprint has declined from 18 million tons in 2000 to only 2 million tons in 2015.



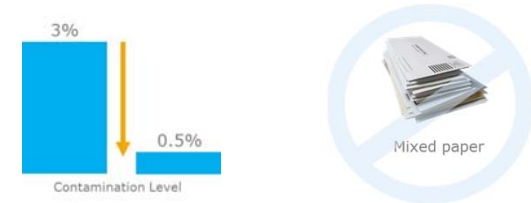
Material Light-weighting

It takes twice as much effort to recycle 1 ton of plastic bottles in 2015 as it did in 2000.



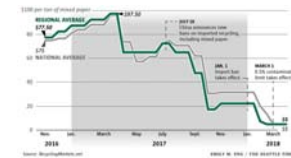
China Sword (2018)

Total ban of recyclable imports in 2020- US lost 1/3 of our recycling markets –
Processing cost double



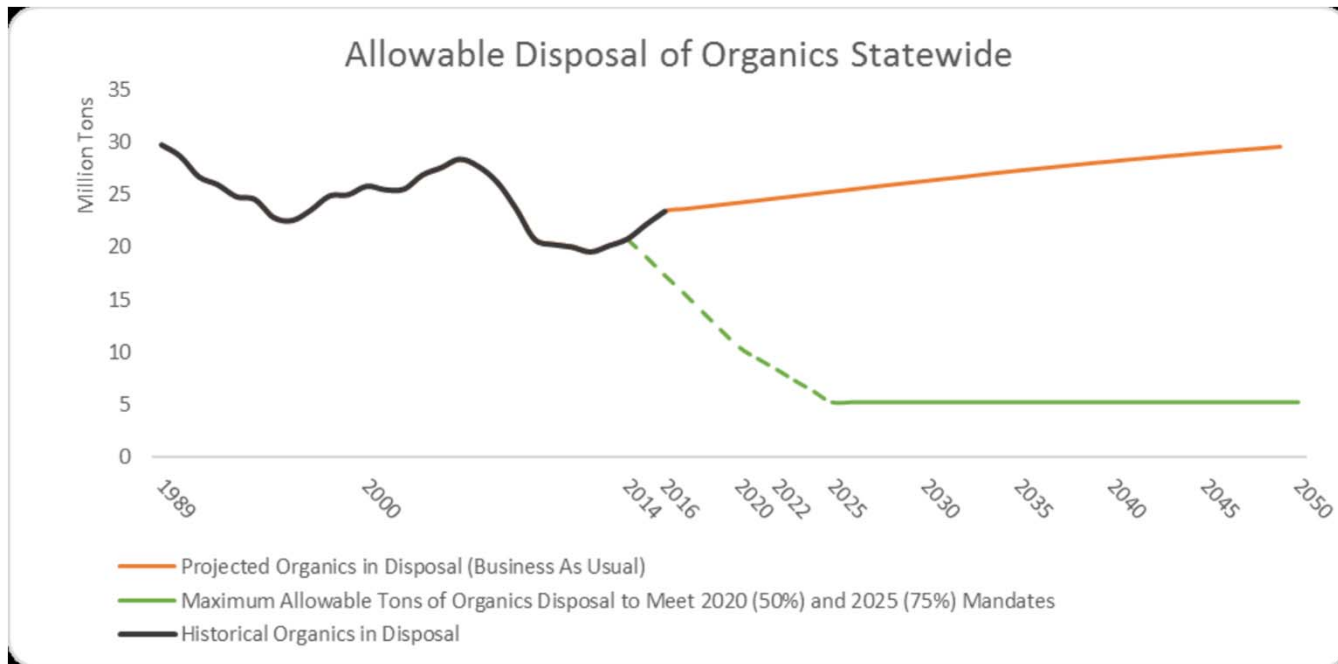
Commodity Markets Crash

Mixed paper is down 95%, corrugated cardboard is down 70%. Glass has negative value.



SB 1383 Disposal Baseline and Targets* :

50% below 2014 level by 2020
75% below 2014 level by 2025



What Will Happen?

An Unfunded Mandate has Created a Looming Problem

- **Achieving California's organic waste diversion goals will require \$41 B to implement SB 1383 Organics diversion goals**
- **\$400 million per year over the next 10 years (\$4 billion) for infrastructure/processing upgrades and markets:**
- **Local garbage rates triple!!!**

Currently, no funding source has been identified.

Funding Sources for Recycling Renewal– Key Objectives.

- Funding Must Be Adequate To Support State Imposed Recycling Mandates
- Offset Increased Recycling Costs and Declining Commodity Prices
- Fund Upgrades to Recycling Infrastructure and Markets
- Stable Long-Term Funding Source

Conclusion – Action Needed!

Without a stable state funding source, California will not meet the state-imposed recycling and GHG reduction goals!

- \$400,000,000 Annually for 10 Years
- COVID 19 and Worst Wildfire Season on Record
- Shared Responsibility – We can only do this if we work together!
- Recycling is Imperative... But, No Longer Free



City of Stockton Contract – It Can Be Done!

– Republic held contract since 1981/Extension Due

- Escalator of 50% CPI fell far short of cost recovery
- City Switched billing - led to 15% bad debt on garbage bill
- Recycling Market collapse - Regional recycler went from paying \$40/ton in 2017 to charging \$110/ton in 2019
- Contamination a major issue
- SB 1383

City of Stockton Contract Terms

- ❖ Roughly a 30% Increase
- ❖ Commercial Base Rate includes 1 Cu/Yd Recycling /96 Gallon Organics = Automatic Compliance
- ❖ Contract Covers SB 1383 Obligation Except:
 - ❖ Local Enforcement/Procurement/edible Food Recovery
- ❖ Increased Contamination Monitoring Budget
- ❖ Bad Debt Costs Millions \$\$\$ – Tax Lien
- ❖ Residential/Commercial Bin Replacement
- ❖ Contamination Fee BUT...Heavy Focus On Education/Front End Contamination
- ❖ Reasonable Annual Increase



We'll handle it from here.™

THANK YOU!

Chuck Helget

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Group Discussion



What does COVID-19, wildfires, climate impacts and other uncertainty mean for organic waste recycling?



How is your agency responding?



What are the opportunities you see?

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THANK YOU!

