



# Department of Public Works: Environmental Services Bureau, Waste Diversion & Recycling Division

Long Beach Sustainable City Commission  
January 27, 2022

# Presentation Overview

- Environmental Services Bureau and Waste Diversion and Recycling Division Overview
- Waste Diversion and Recycling Division 2021 Highlights
- SB 1383 Overview
- SB 1383 Implementation Efforts
- Priorities for 2022



# Environmental Services Bureau (ESB)

## What is ESB?

- Provides direct services for:
  - Refuse to all single-family homes and some commercial & multifamily properties.
    - Food Scraps Only Pilot Program for Commercial accounts
  - Manages contract for recycling for all city-serviced accounts.
  - Street Sweeping and Parking Enforcement.
  - Citywide Clean Team program.
- Manages Private Waste Hauler Contracts
  - Services commercial and multi-family locations for trash, recycling, and organics.
- Work to comply with State laws.
- Lead City-wide efforts to reduce waste and implement programs and policies to work towards achieving zero waste.



# Waste Diversion and Recycling Division

- Implement State laws and report annually to CalRecycle.
- Administer City Serviced Residential Recycling Contract and the Citywide Commercial non-exclusive franchise agreements for the collection of recycling, organics and solid waste.
- Develop & implement City's Residential recycling, organics, waste reduction and household hazardous waste programs.
- Provide public outreach and education to residents, businesses, schools and City staff.
- Implement City polices to reduce waste, such as the Expanded Polystyrene Ordinance.



# Continuation of Recycle Right Campaign





# Recycle Right



**YES!** **RECYCLE** these items in your purple recycling cart. Place directly into cart. Do not put in plastic bags.

## Plastic Bottles, Jugs and Tubs

**Bottles:** Water, Soda, Juice

**Jugs:** Laundry Detergent, Milk

**Tubs:** Margarine, Yogurt, Sour Cream

**Lids on!**



## Metal Cans and Aluminum

**Cans:** Soda, Soup, Meat, Juice, Vegetable, Pet Food, Aerosol (tip removed)

**Aluminum:** Trays, Pie Tins, Clean Foil



## Paper and Cardboard

**Paper:** Newspapers, Magazines, Catalogs, Brochures, Office, Envelopes

**Cardboard/Boxes:** Cereal, Shoe, Tissue, Shipping Boxes, Paper Tubes

**Flatten Boxes!**



## Glass Bottles and Jars

**Bottles:** Wine, Beer, Oil, Soda

**Jars:** Sauce, Pickle, Preserves



**ONLY REFUSE** goes in your gray refuse cart. No recyclables or hazardous waste.

## Refuse/Trash



Plastic and Plastic-Lined  
Cups, Plates, Containers

Plastic Bags, Plastic Wrap,  
Snack Bags, Candy Wrappers

Beverage and Food Cartons,  
Pouches, Freezer Boxes

Padded Envelopes,  
Foam Packaging Material

Plastic and Foam Containers, Utensils, Cups,  
Lids, Straws, Compostable Plastics

Diapers, Pet Waste

Hoses, Wires, Cords, Hangers,  
Strapping

Ceramics, Broken Glass

# LB Recycler

Launched 2021

## The LBRECYCLER





### IN THIS ISSUE

Recycling Refresh 1

Ask an Expert! 2

Upcoming Events 3

Health & Safety 3

In the Community 3

Recycle YES! Flyer 4

### Long Beach Recycling has been Refreshed!

Whether you're a recycling expert or just getting started, our updated guidelines make it easier to recycle right!

**What's new?**

The City of Long Beach has updated our recycling guidelines to make recycling easier, safer and more beneficial for our community. The new guidelines clarify the specific types of items that should go into your recycling cart as well as those that should be disposed of as garbage.

**Updated guidelines**  
Check [longbeach.gov/librecycles](https://longbeach.gov/librecycles) for printable guidelines

**Paper and Cardboard?** Yes!

**Metal?** Cans and aluminum. Yes!

**Glass?** Jars and bottles. Yes!

**Plastics?** Just recycle bottles, jugs, and tubs—no need to look for numbers.

**Why does Recycling Right matter?**

Non-recyclable items in the recycling cart are considered "contamination." Contaminants keep recyclables from being recycled.

In fact, a handy rule to remember is: "If in doubt, find out." Long Beach has lots of ways to learn more. You can review our recycling guidelines on our website, attend a workshop to learn how to Recycle Right, and even email a Recycling Specialist at the City.

If you're still unsure, ask us your questions on social media by following @LBRecycles or email [librecycles@longbeach.gov](mailto:librecycles@longbeach.gov).

If we all follow these guidelines, we can reduce wear and tear on our recycling equipment, protect the safety of workers, and recycle more.

Translations available on website.  
Traducciones disponibles en el sitio web.  
Magagamit ang mga pagkasalin sa website.  
ດິດທາງຂໍສອບຖາມຫຼືຖາມຂໍສອບຖາມ  
[longbeach.gov/librecycles](https://longbeach.gov/librecycles)



Have questions or need more information? Visit [longbeach.gov/librecycles](https://longbeach.gov/librecycles) or call 562-570-2876



## The LBRECYCLER





### IN THIS ISSUE

Low-waste Holiday 1

Eco-friendly Gifts 2

Upcoming Events 3

Sustainable Meals 3

Tips for Leftovers 3

Recyclables Flyer 4

### A Waste-Free Holiday Season

Let's close out the year by continuing to recycle right and helping create a low-waste holiday season!

**Annual Treecycle Event**

The City of Long Beach's annual treecycle program provides residents with convenient drop-off locations to dispose of live holiday trees, free of charge. The live trees are sent to a chipping facility and turned into landscaping mulch or a biomass conversion facility for energy generation.

Drop off your holiday tree at one of 12 convenient locations citywide:  
12/26/21 - 1/7/22

Curbside Pickup:  
1/8/22

Learn more at:  
[longbeach.gov/librecycles](https://longbeach.gov/librecycles)



### Holiday Service Reminders

On Saturday, December 25, 2021 (Christmas) and Saturday, January 1, 2022 (New Year's Day):

- Refuse and recycling collection will NOT occur.
- Street sweeping and associated parking control will NOT occur.
- Parking meters will be enforced unless the meter states "Except on Holidays."

There will be no service changes on Friday, December 24, 2021 (Christmas Eve) and Friday, December 31, 2021 (New Year's Eve).

Please remember to not overload recycling and trash carts. Reduce and reuse items whenever possible!

Translations available on website.  
Traducciones disponibles en el sitio web.  
Magagamit ang mga pagkasalin sa website.  
ດິດທາງຂໍສອບຖາມຫຼືຖາມຂໍສອບຖາມ  
[longbeach.gov/librecycles](https://longbeach.gov/librecycles)



Have questions or need more information? Visit [longbeach.gov/librecycles](https://longbeach.gov/librecycles) or call 562-570-2876



# Virtual Workshops

## Waste Reduction and Recycling Public Education

- Topics:
  - Composting at Home
  - Do It Yourself (DIY) Green and Safe Cleaning
  - Recycle Right LB
  - Reduce Waste at Home: Kitchen Edition
  - Reduce Waste at Home: Holiday Edition
- Reached 251 people in CY 2021

### VIRTUAL WORKSHOPS

Recycling, Waste Reduction, and More!



**FREE!** The City of Long Beach Environmental Services Bureau (ESB) is hosting free virtual workshops to help residents reduce waste and recycle right.

Register now: [longbeach.gov/lbrecycles](https://longbeach.gov/lbrecycles)

#### Workshops Offered

- Composting at Home:** Learn how to turn your food scraps and yard debris into a valuable soil amendment for your garden or landscape.
- Do It Yourself (DIY) Green & Safe Cleaning** Learn how to make non-toxic cleaning supplies with safe, natural ingredients while saving money and reducing waste.
- Recycle Right LB:** Learn about the City's curbside recycling program! We'll teach you what can and cannot be recycled and how to prepare your trash and recyclables.
- Reduce Waste at Home: Holiday Edition** Celebrate sustainably this holiday season! We'll teach you how to reduce food waste, give gifts with little to no packaging, and sustainable ways to decorate your home for the holidays.
- Reduce Waste at Home: Kitchen Edition** Learn strategies to reduce food waste and packaging waste in the kitchen.



#### Workshop Schedule



Reduce Waste at Home: Holiday Edition	Saturday, 11/6/21	10:00 am - 11:00 am
Composting at Home	Saturday, 11/13/21	10:00 am - 11:00 am
Composting at Home	Saturday, 1/8/22	10:00 am - 11:00 am
Recycle Right LB	Thursday, 1/13/22	6:00 pm - 7:00 pm
Reduce Waste at Home: Kitchen Edition	Thursday, 2/10/22	6:00 pm - 7:00 pm
Composting at Home	Saturday, 2/12/22	10:00 am - 11:00 am
Composting at Home	Saturday, 3/12/22	10:00 am - 11:00 am
Do It Yourself (DIY) Green & Safe Cleaning	Thursday, 3/17/22	6:00 pm - 7:00 pm
Composting at Home	Saturday, 5/14/22	10:00 am - 11:00 am
Recycle Right LB	Saturday, 5/21/22	10:00 am - 11:00 am

Have questions or need more information? Visit [longbeach.gov/lbrecycles](https://longbeach.gov/lbrecycles) or call 562-570-2876



To request this information in an alternative format or to request a reasonable accommodation, please contact Department of Public Works at [lbrecycles@longbeach.gov](mailto:lbrecycles@longbeach.gov) or 562-570-2850. A minimum of three (3) business days is requested to ensure availability. Reasonable attempts will be made to accommodate requests made within less than three (3) business days.





# Food Scraps Only Commercial Pilot Program



- Initial pilot launch severely delayed due to impacts of Covid.
- Available to City-serviced trash customers.
  - City identified high generators of food scraps to participate.
- \*\*Customers with Private Hauler service, already have the service available to them.

# Business Outreach and Education

## May 2021

- City met with all pilot customers.
- City provided multi-lingual in person and virtual training.
- City staff delivered:
  - One (1) indoor container.
  - One (1) 95-gallon outdoor green collection cart.
  - Initial roll of clear bag for lining carts.
  - Multi-lingual educational materials.



# Food Scraps Commerical Collection Pilot Program

## Commerical Pilot Began June 2021

- Wednesday & Thursday service days
- Approx. 110 service locations
  - Servicing approx. 130 restaurants/locations that generate food
- Material hauled to Puente Hills Material Recovery Facility
- Pilot length - TBD





# Where Do Our Food Scraps Go?

## Puente Hills Material Recovery Facility (MRF)

- Processes up to 30 tons per day (tpd) of source separated food waste.
- Contaminants are removed from food waste and created into a slurry.
- Delivers up to 165 tpd of slurry is to JWPCP.



# Where Do Our Food Scraps Go?

## Joint Water Pollution Control Plant (JWPCP)

- Owned and operated by the Los Angeles County Sanitation Districts (LACSD).
- Converts slurry into renewable energy through anaerobic digestion.
- Digests 300 to 550 tpd of source separated food waste.
- Produces 760,000 gasoline equivalent gallons of renewable natural gas per year.



# Food Scraps Pilot

## Program Status

- The program continues to divert food scraps.
- As of 1/13/22, 145 tons have been diverted.
- LGX has onboarded all 6 of their restaurants and began participating in the program in the end of December 2021.
- City is in process of identifying next round of pilot customers.
- City staff continues to monitor containers for contamination and plans to provide another educational blitz to all customers in early Spring of 2022.



# SB 1383 Overview

## Short-Lived Climate Pollutants: Organic Waste Methane Emissions Reductions

- SB 1383 is the most significant waste reduction mandate to be adopted in California in the last 30 years.
- Requires the state to reduce organic waste [food waste, green waste, paper products, etc.] disposal by 75% by 2025.
- Requires the state to increase edible food recovery by 20 percent by 2025.
- This has significant policy and legal implications for the state and local governments.



## City's Efforts towards Compliance

- Citywide Interdepartmental Task Force
- Contracted with Consultants to develop work plans for impacted Departments
- Lead a Study Session with City Council on 8/3/21
  - Reviewed requirements of the law
  - Highlighted lack of funding and infrastructure in the state to meet program requirements
- Developed and implemented required municipal code changes
  - First reading – 11/16/21; Second reading – 12/7/21
  - Municipal Code updated 1/1/22 to reflect the requirements of SB 1383 for managing organics and recycling.
- Developed and launched commercial food scraps pilot program
  - Supports both SB 1383 and AB 1826

## Timeline for full implementation

- City is developing a tentative timeline to fully implement SB 1383.
- City must implement several program and practices that do not have direct impacts on residents.
  - City hopes that most of these programs will be implemented by the end of 2022.
- City is working to estimate a timeline for the beginning of residential collection of food scraps and yard debris.
  - Challenges:
    - Limited infrastructure
    - Long timeline to obtain new trucks to provide the service
    - Ongoing staffing impacts due to Covid
    - Development of rate for service



# Waste Diversion and Recycling Division

## 2022 Priorities

- Continue efforts to implement SB 1383.
- Increase staffing to implement required programs due to SB 1383.
- Continue virtual bi-lingual workshops.
- Implementation of a Master Recycler and Composting Program
- Educate residents:
  - LB Recycler
  - Focus on Multi-Family properties through new education packet to be mailed
  - Increase followers and subscribers to our virtual platforms
- Increase partnerships with non-profits and local community groups





Thank you

**Erin Rowland**  
Waste Diversion & Recycling Officer

**Diko Melkonian**  
ESB Manager/Deputy Director Public Works  
Environmental Services Bureau, Public Works

# Public Education - Virtual

## LB Recycles on Social Media

@LBRecycles followers:

Facebook: 5,234

Twitter: 2,790

Instagram: 2,503



## Monthly EcoGuide

The EcoGuide is a monthly newsletter to keep community members informed of upcoming events, service changes, waste reduction tips, and any other news from the Environmental Services Bureau.

- 9,170 subscribers
- 29% email open rate
- 4% click rate