



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

Long Beach Sustainable City Commission
August 27, 2020

Environmental Services Bureau (ESB)

What is ESB?

- Oversee operations of:
 - Solid Waste Collection City-wide (refuse, recycling, organics), Street Sweeping, Parking Enforcement, Clean Team
- Ensures compliance with State laws.
- Leads City-wide efforts to reduce waste and implement programs and policies to work towards achieving zero waste.



Waste Diversion and Recycling Division

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



2019 Accomplishments



Polystyrene Ordinance Amendments

Timeline of Ordinance

May 4, 2018	Ordinance signed into law.
Sept. 3, 2018	1st phase – City Facilities and Special Events
March 3, 2019	2nd phase – Large Food Providers (101+seats), Franchise Restaurants, Food Trucks, Grocers
Dec. 3, 2019	3rd Phase – All remaining Food Providers; Restricts sale of PS ice chests, toy filler, and crafts; Straws & Utensils upon request for to-go
February 2020	City Council votes to amend Ordinance
March 28, 2020	Removes exemption for cup-lids; Straws & Utensils only given upon request; Straws may not be plastic or bio-plastic
Oct. 1, 2020	Additional retail sales of polystyrene products.



Public Education - Online

LB Recycles on Social Media



Twitter - @LBrecycles

- 2,568 followers



Facebook - @LBRecycles

- 4,377 followers



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.

- 7,909 subscribers



Public Education - Events

Recycling Outreach at Community Events

- Attended 169 events
- Reached approx. 67,348 people

Community Compost Workshops

- Provided 6 in-person Compost Workshops
 - 4 Workshops in English
 - 2 Workshops in Spanish

Taste of Sustainability

- Promoted Foam Free LB and Certified Blue Restaurants through partnership with LB Water



Public Education: LBUSD

2019 LBUSD Green Schools Program

- ESB worked with teachers, parents, local environmental associations, and LBUSD administration to create a green schools program with financial incentives for various goals around recycling and waste diversion.
- First Annual Green Summit

School Assembly Program

- Partnership with the Water and Energy Resources Departments
- Interactive school assembly program developed by the National Theatre Company.
- Two unique performances were created (elementary and middle school)
- Message focused on sustainability and the conservation of natural resources.



Public Events

Residential Recycling Contract Programs

- Annual “Recycle Your Bicycle” program
 - 191 bicycles collected, 120 refurbished & donated
- Annual “Shoe Recycling” donation program
 - 162 pairs of shoes donated
- Semi-Annual Document Shredding event
 - 3/02/19 event – 6.16 tons of documents shredded, 288 cars attended
 - 9/21/19 event – 6.38 tons of documents shredded, 271 cars attended



Household Hazardous Waste Collection

HHW/E-Waste Drop-Off Events

- 2nd and 4th Saturdays of each month at EDCO
- HHW Collected in 2019
 - 967,990 lbs
 - 9,939 cars at events

2020 – HHW events were closed from March until July 25 due to COVID-19.



The graphic features a purple border containing the text "Free Disposal" in large green letters, followed by "Household Hazardous Waste" in smaller purple letters. Below this, on the left, are the logos for "PW" (with a gear icon) and "LONGBEACH RECYCLES" (with a recycling symbol). On the right is an illustration of various hazardous waste items: a blue car battery, a black tire, a red oil jug, a yellow spray bottle, a brown paint can, a purple bottle, and a pink paint can. At the bottom, a purple banner contains the text "Learn more: www.longbeach.gov/lbrecycles".

Motor Oil and Filter Collection

- The City offers free pickup to refuse customers through Waste Management.
- 544 gallons of used oil and 137 used filters collected through curbside pick-up in 2019

Battery Collection

- The City also provides battery buckets for residents to drop off batteries for free at 6 locations throughout the City.

Food Recovery & Green Waste Diversion

Food Recovery

- Food Finders is a recovery non-profit organization in Long Beach
 - 205 Long Beach businesses/schools participating
 - 71 Schools
 - 134 Businesses
 - **Total of 1,569,168.49 lbs donated**
- ESB also identified several additional food recovery agencies in the City. ESB is working to bring the larger group together to identify additional strategies and promotion for food recovery.

Green Waste Diversion

- Holiday “Treecycling” Program:
 - 143.3 tons, approx. 10,375 trees
- City street tree mulching: 3133.28 tons
 - Includes Office of Sustainability Mulch Delivery/Pickup program



2020 Priorities

Organics



Recycling Campaign



RECYCLE

EMPTY • CLEAN • DRY

RECICLAR: VACÍO • LIMPIO • SECO

PLACE DIRECTLY INTO RECYCLING CART. DO NOT PUT IN PLASTIC BAGS.
NO UTILICE BOLSAS PLÁSTICAS. COLOQUE DIRECTAMENTE EN EL CONTENEDOR.

Plastic Bottles, Jugs and Tubs

Botellas, Frascos y Envases de Plástico
¡Con Tapa!



Metal Cans and Aluminum

Latas de Metal y Aluminio



Paper and Cardboard

Papel y Cartón
¡Aplanar Cajas!



Glass Bottles and Jars

Botellas y Frascos de Vidrio



Need more information on which items go in each cart? Visit LongBeach.gov/LBRecycles
¿Necesita más información sobre qué artículos van en cada contenedor? Visite LongBeach.gov/LBRecycles

Translations available on website. Traducciones disponibles en el sitio web. Magagamit ang mga pagsasalin sa website. ព័ត៌មានដែលបានបកប្រែហើយមាននៅលើគេហទំព័រ។

Organics

SB1383 - 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.



Organics Planning

Requirements of the City

- Jurisdictions are required to provide an **organic waste collection service** to residents and businesses.
- Implement **Edible Food Recovery Program** with new recordkeeping and inspection tasks.
- **Procurement** of compost, mulch, biomass derived electricity, or renewable gas, as well as recycled content paper. Procurement target is calculated based on population.



Organics Preparation

- **Waste Characterization Study**

- In 2019, ESB oversaw an expansive waste study to analyze what was in our City-serviced waste streams.
- Results for Organics:
 - 39% of Commercial Refuse
 - 37.2% of Multifamily Refuse
 - 57.2% of Single-Family Refuse

- **Cart and Organics Route Audit**

- Research and determine a potential organics route for commercial City-serviced accounts
- *Identified Summer 2020 target to launch*

- **COVID-19 Challenges**

- Commercial Organics Pilot postponed
- Food generators not opened
- Unable to do in-person education and outreach
- Working to identify new timeframe



Organic Waste Collection Services



Three-Container “source separated” Collection Service

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

Recycle Program



Let's 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



Let's Recycle Right



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

Outreach Campaign

Developed an expansive outreach campaign to inform the public about these changes in 3 Phases.

Phase 1

- Website Content Updates
- Multilingual flyers
- Direct Mailer (postcard) to every City-serviced recycling customer
- Educational Social Media Campaign across Facebook, Twitter and Instagram (new account for campaign)
- Information in ESB's monthly Ecoguide



Outreach Campaign

Phase 2

- Virtual Workshops (English & Spanish)
- First quarterly mailer to City-serviced customers
- Cart labels

Phase 3

- Ongoing Education
 - Continuation of Virtual Workshops (English & Spanish)
 - Continuation of Educational Social Media Campaign across Facebook, Twitter and Instagram
- Quarterly mailer to City-serviced customers
- Monthly Ecoguide updates





Thank you

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Questions?

