Waste & Recycling

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Webinar Housekeeping

1. The presentation will be recorded and both recording and a transcript of the recording can be made available if needed.

2. All participants will be muted and only the presenter may share their screen.

3. The webinar will last 1 hour, including time for questions at the end.

4. If you have questions, please type them into the chat box and we will address them at the end of the presentation.
Waste

- (verb) to use or expend carelessly, extravagantly, or to no purpose
- (adjective) eliminated or discarded as no longer useful or required after the completion of a process
- (noun) an act or instance of using or expending something carelessly; material that is not wanted
What do you think you waste the most?
The types of waste discussed today:

- Trash
- Hazardous Waste
- Recycling
The Average American throws out 7 pounds of materials every day.

That’s 2,555 pounds of waste per American every year.
The average Hallandale Beach resident generates 5,600 pounds of solid waste every year (15.3 pounds per day).

This is more than the average American.
Waste has changed over time.
From our planet’s point of view, there’s no throwing garbage out. Because there is no “out”.

- There is no “away” or “out”
We are not alone
Our household waste in Hallandale Beach gets trucked to the JED Landfill in St. Cloud. The JED Landfill is 3.4 square miles in size, just 1 square mile smaller than HB.
Household Hazardous Waste

- These products can cause physical harm to sanitation workers if thrown in the regular trash
- Proper disposal prevents damage to landfill barrier and reduces leachate contamination of groundwater and surface waters
What Household Hazardous Waste to Drop off*

- Cleaning chemicals
- Used motor oil
- Fertilizer
- Herbicides
- Insecticides
- Fuel
- Household batteries
- Tires (limit to 4)
- Paint (limit 4 gallons)
- Paint thinner

*Quarterly in Hallandale Beach, weekly in Hollywood
What is recyclable in Hallandale Beach and Hollywood?

(954) 457-1612
cohb.org/publicworks
Which of these is recyclable?
You put your recyclables in a garbage bag until they're ready to take out. Is the garbage bag recyclable?

- Yes
- No
- I don't know
How to Recycle in Hallandale Beach

• Required for all single-family homes

• Multi-family: Condo Board needs to request an account and we will provide!
How to Recycle in Hollywood

Required for all single-family homes, multi-family units and businesses within the City

Hollywood has an open market for sanitation services, meaning business owners and multi-family property managers, boards, and/or landlords must choose a permitted private hauler to contract services.
Do you have recycling collection where you live?

Yes

No

Not sure
Recycling by the Numbers

It is easy to wish that 100% of our recycling is always recycled, producing minimal pollution, and that all of our recycling has an end use/market.

Hallandale Beach’s current recycling rate is 5%. That means that only 5% of our total solid waste is diverted for recycling.

Only

9%

Of plastics ever made have actually been recycled

Contractor Determined

5%

The rate of contamination “accepted” at the recycling transfer station

Disappointing

30% +

Hallandale Beach’s current contamination rate
Materials Recovery Facility (MRF)
Materials Recovery Facility (MRF)
“Wishcycling”

- “I’m not sure if this is recyclable, but it should be”
- “It’s plastic right? So it must be recyclable.”
- “I think this is recyclable”
Materials Recovery Facility (MRF)
Where to recycle plastic bags and plastic film

**Kohl's**
4999 Sheridan St Hollywood

**Publix**
3102 Griffin Rd Fort Lauderdale
402 E Dania Bch Blvd Dania Beach
5211 Sheridan St Hollywood
6901 Taft St Hollywood
1735 E Young Circle Hollywood
3251 Hollywood Blvd Hollywood
1400 E Hallandale Bch Blvd Hallandale Beach
2952 Aventura Blvd Aventura

**Winn Dixie**
308 E Dania Bch Blvd Dania
3850 N 46th Ave Hollywood
6775 Taft St Hollywood
1515 E Hallandale Bch Blvd Hallandale
1055 W Hallandale Bch Blvd Hallandale
20417 Biscayne Blvd North Miami Beach

**Wal-Mart Supercenter**
2551 E Hallandale Bch Blvd Hallandale Beach

https://www.plasticfilmrecycling.org/
Which plastics can be recycled?

For more information, visit our website: www.plasticfilmrecycling.org
Which plastics can be recycled?

- Retail, carryout, produce, newspaper, bread, and dry cleaning bags (clean, dry and free of receipts and clothes hangers)
- Zip-top food storage bags (clean and dry)
- Plastic shipping envelopes (remove labels), bubble wrap and air pillows (deflate)
- Product wrap on cases of water/soda bottles, paper towels, napkins, disposable cups, bathroom tissue, diapers, and female sanitary products
- Furniture and electronic wrap
- Plastic cereal box liners (but if it tears like paper, do not include)
- Any film packaging or bag that has the How2Recycle Label
Which plastics not to recycle

- Degradable/compostable bags or film packaging
- Pre-washed salad mix bags
- Frozen food bags
- Candy bar wrappers
- Chip bags
- Six-pack rings
What we like to think recycling is...
From Your Home

- You, and all your neighbors, ideally clean and sort your recycling.

To a Waste Hauler

- The recycling that gets picked up by the truck is then transported to a waste hauler who puts the recycling through a materials recovery facility.
- Heavily contaminated loads are simply thrown out.
- What is deemed acceptable by the hauler is then sold to customers who want the materials for manufacturing.

To Either a Recycling Plant or Foreign Incineration

- Mostly, those recyclables are imported overseas.
- Remember, only 9% of all plastics ever made have been recycled.
Piling Up: How China’s Ban on Importing Waste Has Stalled Global Recycling

China’s decision to no longer be the dumping ground for the world’s recycled waste has left municipalities and waste companies from Australia to the U.S. scrambling for alternatives. But experts say it offers an opportunity to develop better solutions for a growing throwaway culture.

BY CHERYL KATZ • MARCH 3, 2019

“Away” has been China for many decades...but not anymore.
Recycling as part of an international market

If there isn’t a market for recycling imports, there is nowhere for the recycling to be recycled.

The US doesn’t do much recycling domestically, because it had been cheaper to send it to China for so long and they had a healthy manufacturing industry to use the imports.

Now US recycling is being imported to other countries that may or may not have markets to create products made from recycled materials. What is not usable is being burned.
Malaysia Sends Plastic Waste Back to 13 Wealthy Countries, Says It Won’t Be 'the Rubbish Dump of the World'

By Jordan Davidson | Jan. 21, 2020 11:13AM EST

It's no coincidence that China's plastic waste import chart strongly resembles the global export chart.

As China's ban approached, countries in South East Asia saw a temporary uptick in plastic imports.
Malaysia’s Natural Beauty
Protein-rich eggs have been found to be contaminated with heavy levels of dioxins, flame retardants, and PFOS.
How does this make you feel?
Why is it like this?
Brief History of Plastics

**Bakelite**

The first industrial plastic produced in the US (made from coal)

**US Plastic Production tripled**

Between 1939 and 1945 plastic production tripled largely due to World War II and storage of other materials

**Keep America Beautiful Formed**

Mobil and other oil companies founded Keep America Beautiful. KAB actively undermines anti-pollution legislation & shifts responsibility to consumers (recycling).

**NYC tries to tax plastic bottles, gets sued**

Plastics industry sued New York City for their effort to disincentivize disposables

**1907**

**1945**

**1953**

**1970**

**1971**

**Styrofoam is invented**

Dow Chemical invented styrofoam, creating a new market for oil and gas
Brief History of Plastics

1972

Congress tries to ban non-returnable bottles
This ban didn’t pass because of manufacturing jobs

1973

The concept of recycling emerges
Coca Cola funded the first recycling depots but when it found out recycling wasn’t profitable, recycling became publicly funded.

1988

Global plastic production meets global steel production
The production of plastic soared

2015

Business as usual except a few plastic product bans
7 out of the 10 largest plastic producers are still large oil producers. By 2050, it’s estimated 20% of all oil extracted in the world will go toward making plastics

2020

The Blue Planet Effect
The BBC’s Blue Planet II featured an episode about marine plastic debris, leading to an epiphany among many that plastics are sinister and pervasive
Resist

8. Target Your Website Visitors
9. Target Your Email Subscribers
10. Target People In The Process Of Buying Something
11. Target People Based On Their Income
12. Target Parents By The Age Of Their Children (Or Target Expectant Mothers!)
13. Target Someone In A Long-Term Relationship

Refuse

Reduce

Reuse

Recycle
What will you do to produce less waste?
IF YOU'RE NOT FOR ZERO WASTE, HOW MUCH WASTE ARE YOU FOR?
PREMIERING EARTH DAY, APRIL 22, 2020:

THE STORY OF PLASTIC

Now available worldwide! Our first feature-length documentary is a seething exposé of the true cost of plastic pollution – and the heroes and villains at work behind the crisis.
Questions?
Presentation feedback

When survey is active, respond at PollEv.com/alyssajonesw029