

# Proposed Single-Use Plastic & Polystyrene Ban – County Properties/Facilities

Broward Climate Change Task Force  
August 20, 2021

Natural Resources  
(Environmental Planning & Community Resilience Division)





What goes up



Will come  
down

**Balloons are meant to be a symbol of joy and of celebration but pose dangers to wildlife long after celebrations have passed.**



**Single-use plastics may be convenient for us, but they are not so “convenient” for wildlife.**





What goes up



Will come down

**Balloons are meant to be a symbol of joy and of celebration but pose dangers to wildlife long after celebrations have passed.**



See Through Canoe



Photo courtesy of FWC.



**Single-use plastics may be convenient for us, but they are not so “convenient” for wildlife.**





# 2020 INTERNATIONAL COASTAL CLEANUP BROWARD COUNTY

## FINAL RESULTS



**801 VOLUNTEERS**  
WAY TO GO, TEAM!

**23,758 POUNDS**  
TRASH COLLECTED



**192.23 MILES**  
COVERED BY FOOT  
OR WATERCRAFT



### CIGARETTE BUTTS

ALWAYS IN THE LEAD AT **2,737**  
(12.53% TOTAL TRASH)



### TINY TRASH

**5,937 PIECES**  
OF PLASTIC <2.5 CM







## 2020 INTERNATIONAL COASTAL CLEANUP BROWARD COUNTY

### FINAL RESULTS



**801 VOLUNTEERS**  
WAY TO GO, TEAM!

**23,758 POUNDS**  
TRASH COLLECTED



**192.23 MILES**  
COVERED BY FOOT  
OR WATERCRAFT



### CIGARETTE BUTTS

ALWAYS IN THE LEAD AT **2,737**  
(12.53% TOTAL TRASH)



### TINY TRASH

**5,937 PIECES**  
OF PLASTIC <2.5 CM

[BROWARD.ORG/NATURALRESOURCES](https://www.broward.org/NaturalResources)

Plastic cups/plates

Cig

Bott

Plastic beverage

Balloons



es & masks (PPE)

stic takeout containers

Plastic lids

Tires

Tnvs

**Saturday, September 18, 2021 at 9AM**

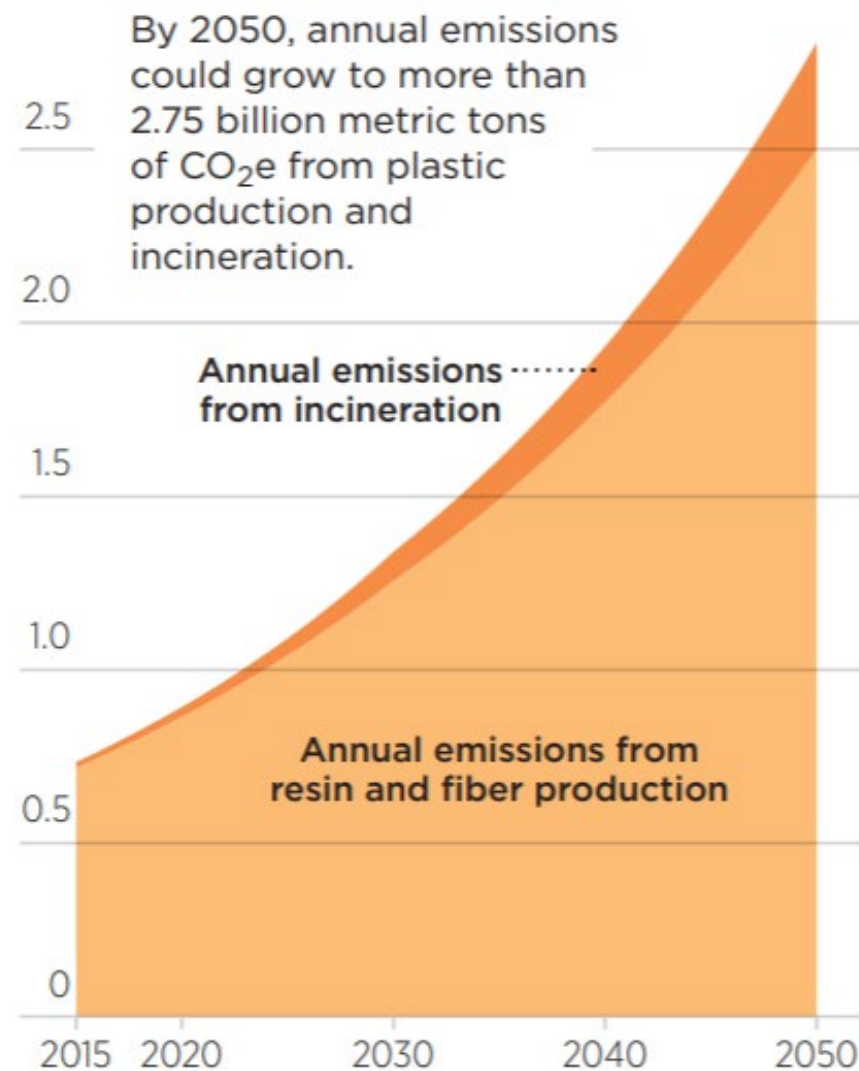
<https://www.broward.org/NaturalResources/BeachAndMarine/Pages/CoastalCleanup.aspx>

“At current levels, greenhouse gas emissions from the plastic lifecycle threaten the ability of the global community to keep global temperature rise below 1.5°C degrees.”

Plastic & Climate: The Hidden Costs of a Plastic Planet 2019

## Annual Plastic Emissions to 2050

3.0 billion metric tons



Source: CIEL

# State Preemptions

- 403.7033 Departmental analysis of particular recyclable materials.
  - “...no local government, local governmental agency, or state government agency may enact any rule, regulation, or ordinance regarding use, disposition, sale, prohibition, restriction, or tax of such auxiliary containers, wrappings, or disposable plastic bags.”
- 500.90 Regulation of polystyrene products preempted to department.
  - “...does not limit the authority of a local government to restrict the use of polystyrene by individuals on public property, temporary vendors on public property, or entities engaged in a contractual relationship with the local government for the provision of goods or services...”

## F.S. 379.233 Release of balloons

- the release into the atmosphere of large numbers of balloons inflated with lighter-than-air gases poses a danger and nuisance to the environment, particularly to wildlife and marine animals.
- It is unlawful for any person, firm, or corporation to intentionally release, organize the release, or intentionally cause to be released within a 24-hour period 10 or more balloons inflated with a gas that is lighter than air



# Other Florida Polystyrene/Plastic Bans

Alachua County (2020)	Key Biscayne (2014-2018)	Palm Beach Gardens (2021)
Bal Harbour Village (2019)	Key West (2019)	Palmetto Bay (2016-2019)
Bay Harbor Islands (2019)	Largo (2019)	Pinecrest (2018-2019)
Boca Raton (2021)	Lauderdale by the Sea (2019)	Pompano Beach
Boynton Beach (2021)	Marco Island (2018)	St. Petersburg (2018-2019)
Coral Gables (2016*-2019)	Miami Beach (2015-2019)	Sanibel (2018)
Dania Beach (2018-2020)	Miami Shores Village (2020)	Sarasota (2019)
Deerfield Beach (2017-2018)	Miami Dade County (2018)	Stuart (2019)
Delray Beach (2019)	North Bay Village (2015-2019)	Sunny Isles Beach (2019-2021)
Fort Lauderdale (2020)	Oakland Park (2019)	Surfside (2018)
Fort Myers Beach (2017)	Orlando (2019)	Tampa (2020)
Gainesville (2020)	Orange County (2020)	West Palm Beach (2019)
Hallandale Beach (2019)	Ormond Beach (2019)	Wilton Manors (2019)
Hollywood (2020)	Palm Beach Town (2019)	Winter Park (2021)

# Proposed Polystyrene Admin. Code

## *Who & Where Regulation Applies*

- County personnel (e.g., purchases, distribution).
  - County vendors, contractors, licensees, or permittees.
  - Individuals on any County property.
- 
- County properties/facilities, public parks, boat ramps or docks.
  - Balloons and confetti - any outdoor area on County property.



# Proposed Polystyrene Admin. Code

## *What is Regulated*

### Prohibited from County Property and County Facilities

- Polystyrene foam (incl. packing materials, food ware e.g., clamshell containers)
- Single-use plastic beverage straws, single-use plastic stirrers
- Unencapsulated polystyrene foam products (coolers, beach/pool toys)

### Prohibited from Outdoor Areas of County Property

- Confetti
- Balloons

Questions?



Dr. Stephanie Molloy  
Director, Natural Resources  
[smolloy@broward.org](mailto:smolloy@broward.org)