



ANNUAL SOLID WASTE UPDATE NOVEMBER 2019

City of Key West

Utilities Department Solid Waste Division

Dee Dee Green, Solid Waste Coordinator

November 2019

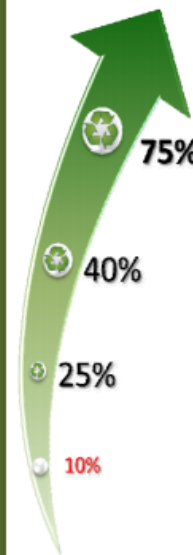


ANNUAL SOLID WASTE REPORT 2019

- Solid Waste Master Plan: Establishing a Pathway to Zero Waste!
 - Adopted by Commission: August 2012
- State of Florida's 2020 75% solid waste reduction goals
 - Florida Statue 403.706
 - 2018 Annual Solid Waste Report Monroe County 67% recycle rate

Recommended Solid Waste Policy Statement

To develop an environmentally and economically sustainable solid waste management system that maximizes waste diversion and minimizes waste disposal, the City Commission of Key West hereby adopts the following policies and directs staff to implement these policies:



1. Hire a full-time Recycling Program Manager to provide the technical, educational, and oversight support necessary to implement effective recycling programs.
2. Adopt a tiered recycling goal starting at 25%, followed by 40%, and then 75%.
3. Establish a program to collect and process yard waste separate from other solid waste.
4. Receive compensation for City recyclables that are resources having value.
5. Become a Green City through programs that lead by example, including waste reduction, reuse, recycling, and environmentally preferable procurement (EPP) programs.
6. Establish public-private partnerships with companies that will help carry out these policies.
7. Provide periodic updates to City Commissioners and the public regarding the status of activities and accomplishments toward meeting these policies.

2012 SOLID WASTE MASTER PLAN RECOMMENDATIONS ACCOMPLISHED AS OF 2018

Phase 1 Accomplishments

- Single stream collection with expanded materials
- Collection / processing yard waste
- 1-1-1
- Multifamily units recycling
- Outreach and education
- Lowered Commercial Recycling costs
- Monitor commercial recycling

Phase 2 Accomplishments

- * Business recycling program toolkit



OTHER 2012 SOLID WASTE MASTER PLAN RECOMMENDATIONS ACCOMPLISHED AS OF 2018

- Full time Recycling Program Manager, July 2015
- Mandatory residential recycling
- Recycling collection at all City facilities and increased public outreach
- 6 day a week collection of commercial recyclables
- Special events recycling plans
- Special events worksheet
- One source for special events containers, signs and collection
- Continuing to work with Fantasy Fest organizers to improve recycling
- Key West Recycles branding with logos and slogan
- Monthly collection of Household Hazardous Chemicals and Electronics



RECYCLE OFTEN.
RECYCLE RIGHT.



RECICLE SEGUIDO.
RECICLE BIEN.



KEEP **KEY WEST**
BEAUTIFUL
KEEP AMERICA BEAUTIFUL AFFILIATE

SOLID WASTE ACCOMPLISHMENTS IN 2019

- 7 Day a week collection for commercial recyclables
- June City Commission passed resolution for policy prohibiting single use plastic for all City Properties, special events, leases, vendors
- September City Commission passed ordinance banning single use and distribution of plastic straws and stirrers
- November stopped collecting yard waste in plastic bags
- Started process of new Solid Waste Analysis
- Starting process for RFP for compost collection program for residential and commercial. This would be a signup program
- Yard waste compost facility in design to use City's yard waste
- Increased outreach and messaging to residential and commercial customers



TIMELINE OF GOALS SET IN 2018 FOR RESIDENTIAL & COMMERCIAL SOLID WASTE PROGRAM

2018

- ★ Manage plastic straws, plastic cutlery, plastic bags and polystyrene on City property, City permitted special events and with City vendors



- Implement new special event application

2019

- Weekly survey of residential routes before pickup. Garbage and Recycling



- Pending Appeal: Ban single use plastic straws, plastic cutlery, plastic bags and polystyrene in the City of Key West. (Moved forward with Straw Ban)



- Green City Certification (Gold)



- Green business program

2019 (continued)

- Mandate Commercial Recycling
- Pursue a mixed waste facility in Monroe County

2020

- Require commercial C&D waste to be recycled



- Enforce single use plastic straws, plastic cutlery, plastic bags and polystyrene ban (on City property. Straws are City wide ban)



- Reduce, reuse or eliminate commercial glass

2021

- Design Pay-As-You-Throw system



- Implement commercial and residential compost collection as part of PAYT option

2018 STAFF OUTLINED PLANS FOR REACHING RECOMMENDED GOALS ~ COMMERCIAL ~



1. *7 Days a week recycling collection

2. *Ordinance requiring Mandatory Commercial Recycling

3. Require or offer separate yard waste collection for commercial



4. *Ban single use plastics



5. *Add compost collection

2018 STAFF OUTLINED PLANS FOR REACHING RECOMMENDED GOALS ~ COMMERCIAL ~

6. Ordinance requiring Construction and Demolition Debris recycling



7. *Reduce or eliminate glass and/or find a glass reuse

Some suggestions:

- Roads / sidewalks
- Glass Flexipave
- Recycled glass mulch
- Canals / channel filling
- Preferential procurement



2018 STAFF OUTLINED PLANS FOR REACHING RECOMMENDED GOALS ~ RESIDENTIAL ~



1. Don't accept yard waste in plastic bags.



2. *Design compost collection

- RFP for pricing
- Full services vs opt in service



3. More outreach tuned in to community

- Increased advertising all types of media
- More door to door notices
- More neighborhood type events

4. Enforce mandatory recycling

- 1st Year: Education / Noticing
- 2nd Year: Enforcement / Fines

**IT AIN'T EASY
BEING GREEN**



TIP #1 Paper Cups Are NOT Recyclable. The paper is degraded after holding liquid and many have a thin plastic liner. Please place in garbage or use a reusable container.

www.KeyWestRecycles.com 

RECYCLING FACT: Aluminum lids that you find on food products cannot go into your curbside recycling. They are too small and become part of the garbage.



www.KeyWestRecycles.com 

2018 STAFF OUTLINED PLANS FOR REACHING RECOMMENDED GOALS ~ STREET RECYCLING ~



1. Improved street can signage/messaging



2. Manage street vendors

- No single use plastic straws, cutlery, or bags
- No polystyrene
- Compostable or recyclable materials only
- Categorize street vendors



2018 STAFF PLANS FOR REACHING RECOMMENDED GOALS ~ SPECIAL EVENTS ~



1. Manage materials used at special events

- No single use plastic straws, cutlery, or bags
- No polystyrene
- Compostable or recyclable materials only



2. Implement special event application

- Citywide updates for safety, transportation and recycling
- No single use plastic straws, plastic cutlery, plastic bags, polystyrene
- Survey vendors

SINGLE USE PLASTIC STRAW WORKSHOP

*Save
The Date*

December 2, 2019 from 2pm-6pm

The City of Key West will host a workshop answering questions about the Citywide Single Use Plastic Straw/Stirrer Ban and the Ban on Single Use Plastics on City Property passed in June 2019. Workshop to be held at City Hall in the Commission Chambers on **December 2, 2019 from 2pm-6pm**. We encourage all restaurant owners/managers, retailers, event coordinators, City leases, City vendors and public to attend.

City staff will be on hand to answer questions and there will be vendors with examples of products on hand.

For more information contact Solid Waste Coordinator Dee Dee Green at 305-809-3776 or dgreen@cityofkeywest-fl.gov

STRAWLESS KEY WEST

**Key West banned the use, distribution, and sale
of plastic straws and stirrers**

Public Workshop

**December 2, 2019 at City
Commission Chambers**

2pm-6pm