

ECUA



The Future of Recycling

ECUA

Recycling Program

Program Launch:
January 2009



Accepted Materials:

The MRF accepts everything currently in ECUA's established recycling program, including glass and mixed 1 through 7 plastics

Customer Benefits:

Lowers and/or eliminates "tipping-fees" and allows ECUA to stop disposing of recyclables in the landfill and resume the environmentally-friendly recycling process





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Materials Recycling Facility

- **Groundbreaking:** January 22, 2016
- **MRF Operational:** September 26, 2016
- **Facility Definition:** A "clean" Materials Recycling Facility (MRF) , processing recyclables sorted by the customer and placed in a single stream curbside recycling cart.



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Materials Recycling Facility



53,460 square-foot fabric building



Located on 120,000 square feet

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Materials Recycling Facility



55,000 Tons
Annual
Capacity

25
Tons Hourly

175
Tons Daily



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Recycling Territory



- City of Pensacola
- Santa Rosa County
- Escambia County
- City of Milton
- Okaloosa County (Including Destin)
- City of Atmore, Alabama

- City of Ft. Walton Beach
- City of Mobile, Alabama
- City of Andalusia, Alabama
- City of Jay
- South Baldwin County, Alabama
- Gulfport/Biloxi, Mississippi

ECUA Customers

70% of ECUA
Customers
Recycle

75% statewide recycling goal by 2020 and decreasing curbside contamination by helping Floridians **rethink** what they **recycle** and **reset** their behavior to focus on the basics.



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Material Analysis Report-November

Source: Escambia County Landfill



Distributed:

3,072 Tons
145 Semi-Trailer Loads
Average 6.5 per day
(Max per day 14)

Note:

Consideration of an additional loading dock and onsite scale, will allow more outbound loads to be distributed per day.

MRF Accepted: 4,464 Tons

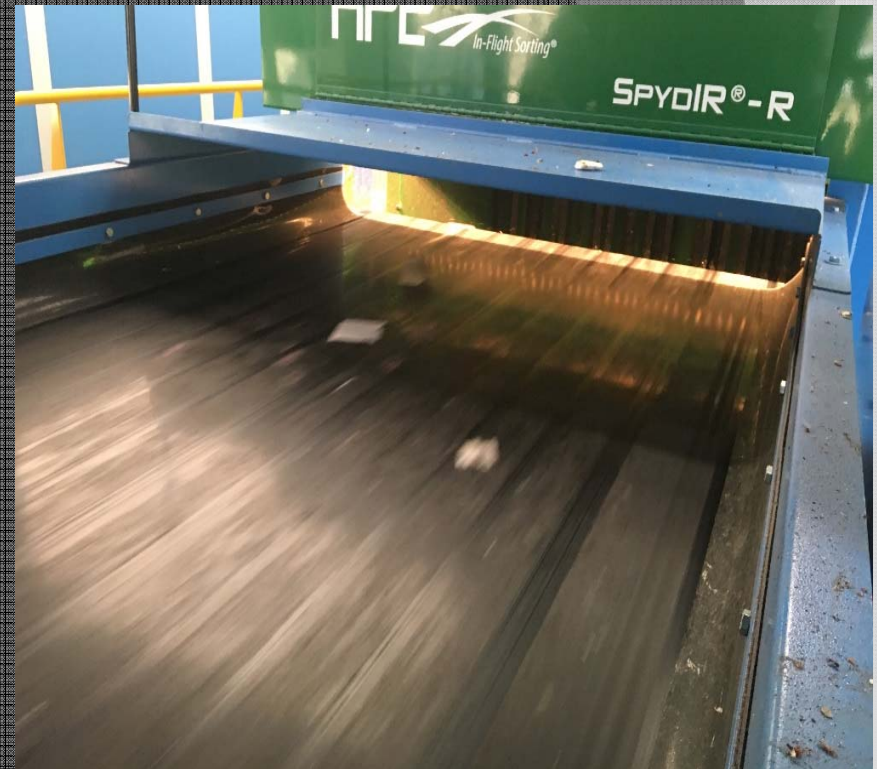
Contamination: 1,288 Tons 29% of Stream

Allowable

Contamination: 25%

Myth:

ECUA MRF is landfilling 50% of materials delivered to the facility.



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Recycling Contamination



"Recycling is in trouble and it might be your fault..."
USA TODAY



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Environmental and Health Concerns

*Styrofoam Products
Banned on ECUA
Campus...*



- Styrofoam takes 500 years to decompose
- Styrene leaches into foods and drinks served in Styrofoam, causing respiratory and environmental issues
- Styrofoam takes-up 30% of landfills
- Styrofoam is made with petroleum, which is a non-sustainable resource and is harmful to the environment



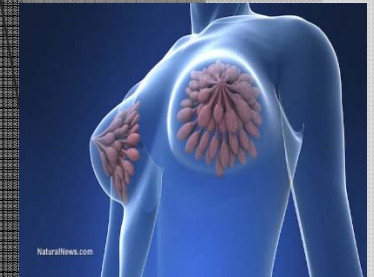
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Health Concerns

Why you should say
NO to Styrofoam...



Contributes to a variety of cancers: Breast and Prostrate cancer



Styrene officially linked to cancer

Styrofoam isn't just bad for the environment; it's bad for your health

Styrene (a component of polystyrene) is a harmful chemical *classified as a carcinogen to humans* that can leech into food and drink.

Avoid These Products

Foam cups for holding coffee and hot tea.
Foam plates and bowls that could hold hot foods.
Takeout containers made from foam.

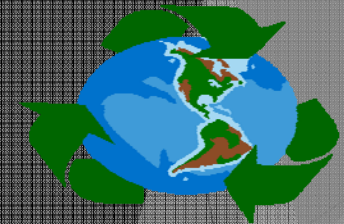
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Plastic Water Bottle Health Concerns

Bottled water in a hot car?
Drink it with caution...



Researchers warn against drinking water from plastic bottles left in hot places such as a car. The heat allows chemicals from the plastic to leach into the water.




Plastic bottles can cause carcinogenic compounds to be released into the water



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Environmental Concern

Plastic pollution
affects us all...



Gulf of Mexico has one of the highest concentrations of
plastics of any body of water...

My **PLASTIC** Free Life

2050 THERE WILL BE MORE PLASTIC THAN FISH IN THE OCEAN

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Plastic Contamination



9 million tons of plastic waste ends up in the ocean every year...

An estimated 100,000 turtles and/or marine animals die each year after being entangled in plastic marine litter

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Environmental Concern

Plastic Bags
Affect the **Local**
Environment...

Environmental Damage Caused by Plastic Bags

Wildlife Harm

88% of plastic bags are sent to landfills or end up in the local environment



© John Cancalosi

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Environmental Damage Concern

Clogged Sewage
Storm Water
Drainage Systems

Plastic bags clogs waterways, drains, and sewers

Aesthetic Deterioration



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Plastic Bag Facts

*A trillion plastic bags
are
used worldwide
every year...*



*12 million barrels of petroleum used in the US to make
plastic bags*

Plastic bags take up to 1000 years to decompose

Average family takes home 15 bags per shopping trip

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Plastic Straw Facts

Americans toss millions of plastic straws every day.



Skip the straw. Tell your server, "no straw, please" when you order a drink.

ECUA Recycling Matters

Reset Your
Recycling
Behavior...

Eliminate 30% of contaminated materials in curbside recycling bins, Floridians will save \$100 million in recycling costs in one year.





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Just Say NO ...

*Choose reusable
bags rather than
single use plastic
bags...*



Reduce Plastic Contamination

- Plastic bags don't go in curbside bins
- Return plastic bags to retailer for recycling

Remove Litter and Reduce Marine Debris

- Plastic netting
- Empty water bottles
- Plastic straws

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Programs That Make a Difference

Retail Participation
and Messaging Begins
January 24, 2019



RECYCLE

empty, clean & dry
plastic film,
bags & wraps

HERE

NOT in Curbside Recycling

Produce Bags	Plastic Shipping Envelopes	Bread Bags	Dry Cleaning Bags	Case Wrap
Air Pillows	Newspaper Bags	Food Storage Bags	Product Overwrap	Bubble Wrap

**NO candy bar wrappers • chip bags • six-pack rings
• degradable bags • prewashed salad bags**

Recycle if Clean & Dry
Store Drop-off
PLASTIC WRAP
how2recycle.info

Also look for any packaging with this How2Recycle label

PlasticFilm Recycling
www.plasticfilmrecycling.org

rethink. reset. recycle. FloridaRecycles.org

W.R.A.P. WRAP RECYCLING ACTION PROGRAM

ECUA EMERALD COAST UTILITIES AUTHORITY



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Programs That Make a Difference

Recycle Where You Shop...

Publix offers customers recycling of paper and plastic bags at all retail locations.

Customers can drop off any brand paper or plastic shopping bag for recycling, and they can also recycle plastic sleeves from dry cleaning and newspapers.



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Programs That Make a Difference

Eliminate Single-Use Plastic Bags

Canvas and jute bags—an even better choice for the environment.

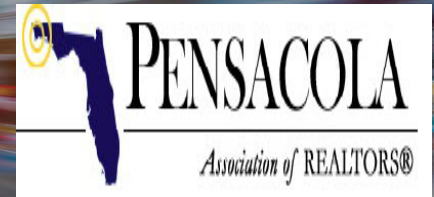


Ever'man Eliminates Single-Use Plastic Bags

All paper bags are made in the USA from 100% recycled material, are compostable/recyclable, use starch-based adhesives, and printed with water-based inks.

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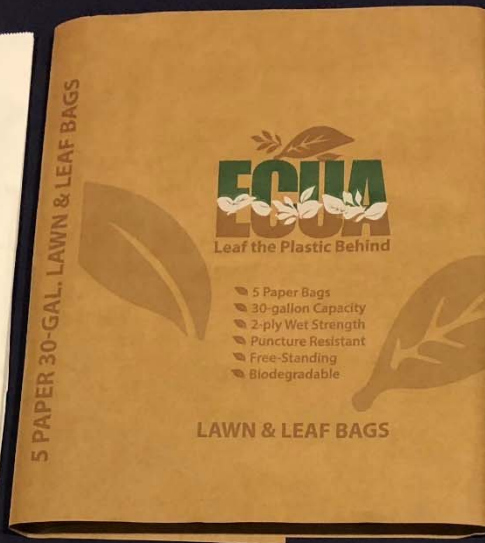
Programs That Make a Difference



Recycled Paper Bag



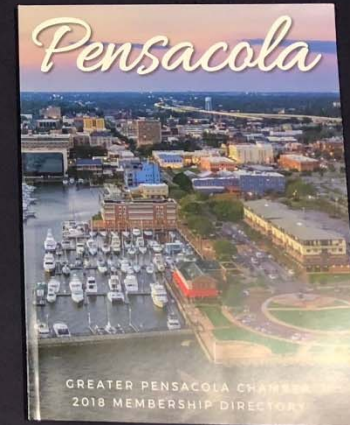
Yard Waste Bag



ECUA Customer Directory



Cooking Oil Container



Greater Pensacola Chamber Directory

Environmental Refrigerator Magnets

ECUA Calendar

2019 ECUA Welcome Kit...

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Questions

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