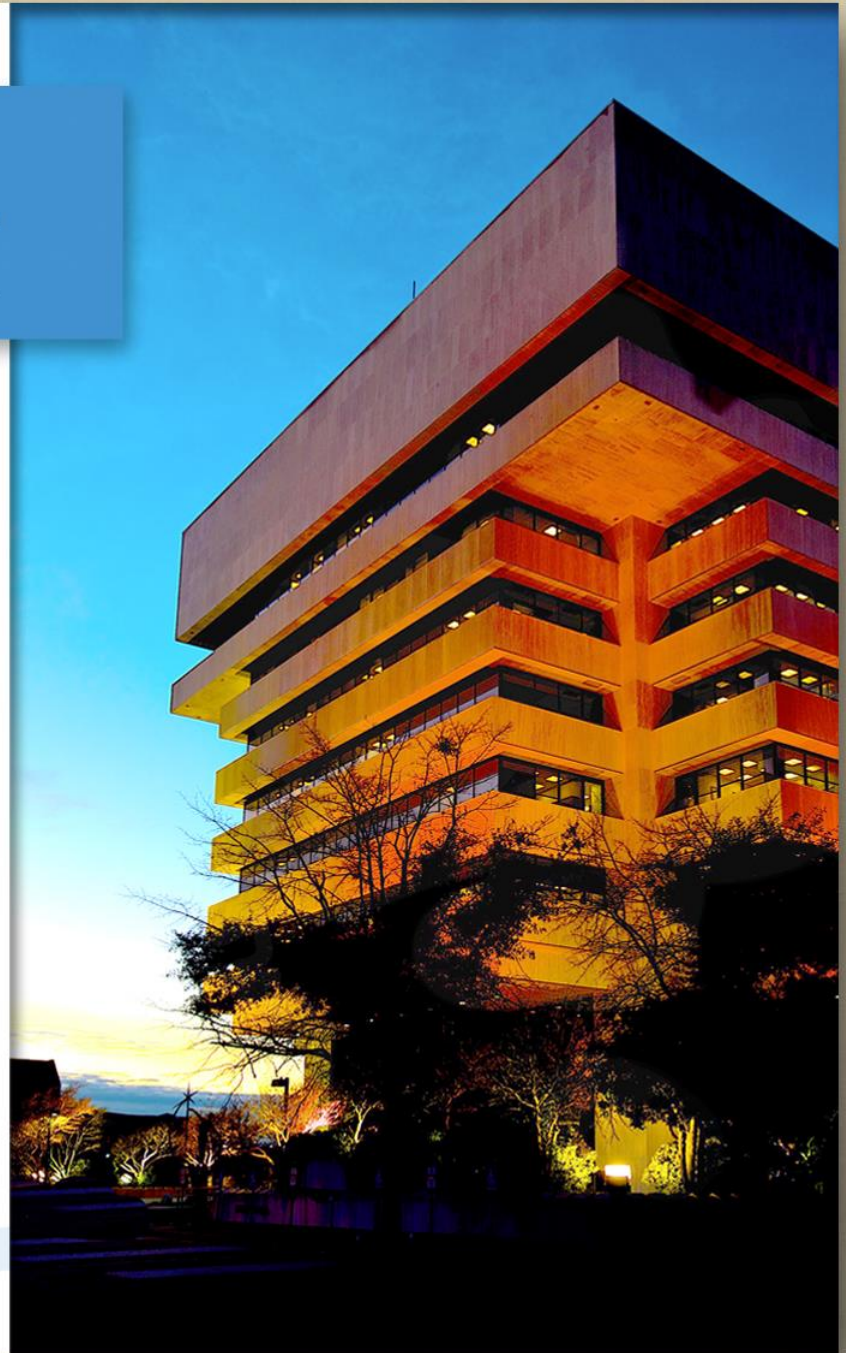


HAMPTON VA

RECYCLING SERVICES

October 24, 2018

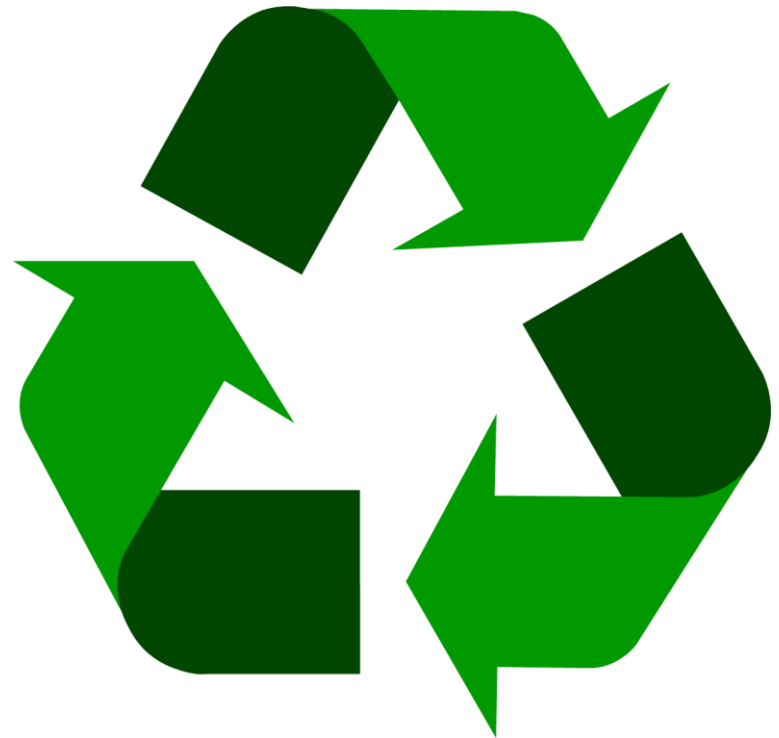


Background

Movement began nationally in the 1970s

- Reduce litter
- Prolong life of landfills
- Save energy, materials

Separating and dropping off recyclables



Background

- Household collection began in the 1990s.
- Replaced 18-gallon bins with 65-gallon containers in 2001.
- Switched from a private contractor to staff with bi-weekly collections.



Current status

- Hampton collects 6,000 tons of recyclables per year
 - Would cost \$198,000 for tipping fees at landfill
- Hampton recycles more types of materials than other localities in region



Cost of Recycling

- Residents bear cost of household collections (as part of the solid waste fee)
- *Historically*, re-use of materials has paid for most of sorting, cleaning and disposal (dependent on market for materials)
 - \$13,000-\$49,000/year for 2012-15
 - \$0 for 2016-17 under contract with Tidewater Fibre Corporation (TFC Recycling)
- That is no longer the case

Now ...

Plastics Pile Up as China Refuses to Take the West's Recycling

Jan. 11, 2018

A giant wave of plastic garbage could flood the U.S., a study says

[Kate Furby](#)



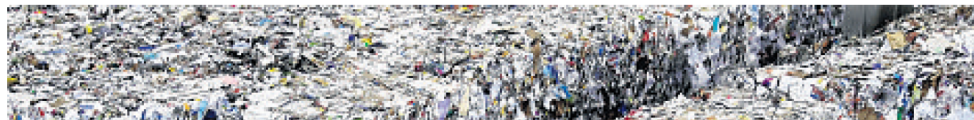
Above: New York Times, 1/11/2018

Right: Washington Post, 6/20/18

Below: Daily Press, 10/16/18

Recycling industry in the dumps

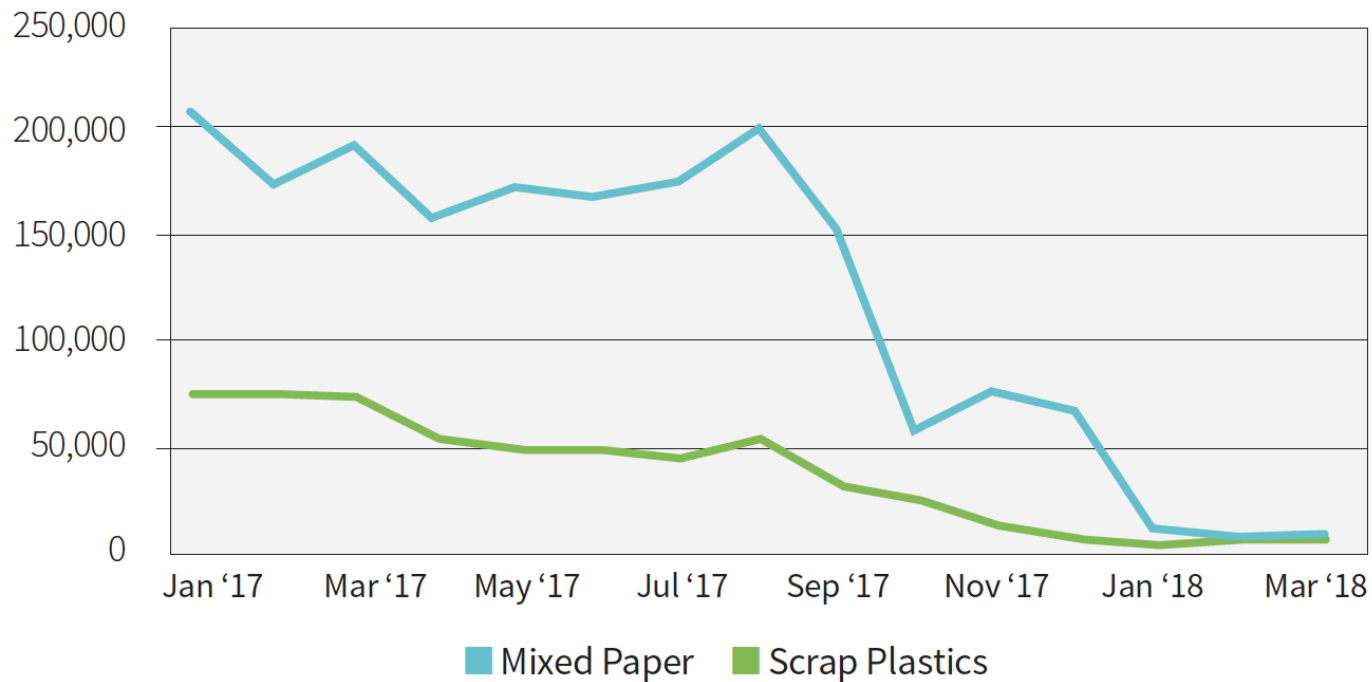
Communities
forced to weigh
practicality



lenges clear. A third of the material dumped by collection trucks is non-recyclable "contaminants" such as garden hoses, picnic coolers and broken lawn-


Resale Market Plummet

U.S. Exports to China of Scrap Plastics & Mixed Paper



Source: Waste 360 trade publication

Results

- Tidewater Fibre Corporation (TFC Recycling) terminating recycling processing services agreement, effective September 2018.
 - Services being re-bid; estimating annual cost in the range of \$600,000 - \$750,000.
 - Not included in current (FY2019) budget.
- 
- A decorative wavy line in a light blue color, spanning the width of the slide near the bottom.

This Year

- Requesting City Council to approve an appropriation of \$600,000 from the Solid Waste retained earnings fund to cover recycling costs for the remainder of FY2019.
- 

Next Year

- A recommendation will be made in 2019 to Hampton City Council regarding how best to address this issue going forward.
- 

Long-term Options

Residents get better at recycling

“A third of the material dumped by collection trucks is non-recyclable ‘contaminants’ such as garden hoses, picnic coolers and broken lawnmowers. Workers have to pull that out and truck it to a landfill, adding to overall costs. Plastic bags contaminate bales of other materials and tangle machinery. Spilled ketchup and greasy pizza boxes turn otherwise marketable material into garbage.”

Daily Press, 10/16/18

What Are Others Doing?

Some are doing less recycling

- Norfolk considering not recycling glass; recycling scaled back in Flagstaff, Ariz.; La Crosse, Wis.; and Kankakee, Ill.
- Recycling suspended in Gouldsboro, Maine; DeBary, Fla.; Franklin, N.H.; Adrian Township, Mich.
- That comes at a cost:
 - Landfill tipping fees for disposal
 - Filling landfill & needing new one
 - Environmental damage

What Are Others Doing?

Change culture, lifestyle

- Britain proposing plastic-free grocery aisles where all food is loose.
- The European Union may tax plastic bags and packaging.

“In 1960, plastic accounted for just 1 percent of junk in municipal landfills across the world. As single-package containers led to an explosion in convenience and use, that number grew to 10 percent in 2005.”

- Washington Post

Questions?

“What we’re advocating is to step back and re-look at recycling. This is the new normal. The model no longer funds itself.”

- Richard Coupland, vice president,
Phoenix recycling company
Daily Press, Oct. 16, 2016