



Materials Management:

THE NEXT GENERATION

MRN/SWANA-MA 2016 CONFERENCE



COMBATING CONTAMINATION

Step by step process against an ongoing issue

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Assistant Solid Waste Manager
Department of Public Works
Springfield, MA

1.) Identify your current resources.

- Drivers
- Foreman
- Recycling Enforcement Coordinator
- Dispatch/Customer Service

Most communities and or haulers will have 3 out of 4 of these resources at their disposal.

2.) Education

- Create or use readily available Single Stream Recycling information.
- Pick tools with clear pictures and less text
- Keep message direct and simple
- Items that will be less likely to be thrown out(Magnets, Calendar etc.)
- Have material placed in easily accessible areas (ie. City Website, local paper etc.)
- Media can be a productive way to disseminate information



SINGLE STREAM RECYCLING

ACCEPTABLE ITEMS

ARTÍCULOS RECICLABLES



Phone Books
Guías telefónicas



Newspapers
Periódicos



Junk Mail
Propaganda



Office Paper
Papel de oficina



Brown Paper Bags
Bolsas de papel



Flattened Cardboard
Cartón Aplastado



Magazines
Revistas



Aluminum / Steel / Tin Cans
Latas de aluminio o estaño
y latas de aerosol vacías



Glass Bottles & Jars
Botellas y frascos
de vidrio



Plastic Bottles
Botellas de plástico



Paperboard
Cartulina

NO TRASH - NO BASURA

Single-Stream Recycling Guide

Save
and Post

THE RECYCLING BARREL'S TEN MOST UNWANTED

Below is our ten most Unwanted recycling contaminants that must **NOT** go in the recycling barrel.

Please make single stream recycling a success by keeping these materials **OUT**.

Plastic Bags: Public Enemy #1



Most unwanted for endangering workers, and for wrapping around & destroying recycling equipment

No Plastic Bags

**Please do NOT
put plastic bags in
your recycling bin.**



No Clothes



No Pots or Pans



No Dishes



No Leaves



No Wood



No Food Waste



No Styrofoam



**No Hazardous
Waste**



No Trash

**PLASTIC
BAGS
WILL
NOT
GET
RECYCLED**



For Curbside Recycling Information Call (413) 736-3111
For Drop-off Recycling Information Call (413) 787-7840

This project is funded in part by a grant from the Massachusetts Department of Environmental Protection

3.) Communication

- Let the Mayor or City Manager know the stakes-(Fines from recycling plant and lost revenue)
- Let them know your goal is to clean up the stream not to issue fines
- With everyone on the same page, there is no misleading information being handed out.

City of Springfield, MA

- Population of 150,000
- 3rd largest city in Massachusetts
- 4th largest in New England.
- Unemployment of 8.8%
- 23.1% of population at or below poverty line

Resources:

- Drivers
- Waste Compliance/Recycling Enforcement
- Foremen
- Customer Service/Dispatch
- Tracking system (Intelligov)

Your Recycling Barrel(s) were not picked up because the following Non Recyclable Items were in the barrel:

- Lawn Trimmings/Leaves
- Clothing
- Wooden Planks
- General Garbage
- Dead Animal
- Motor Oil
- Batteries (all sorts)
- Hazardous Waste/Materials*
- Other

Please Remove these items and set out your barrel on your next recycle day

Have Questions? Please Call: 886-5111

Comments:

* If marked for Motor Oil, Batteries and/or Hazardous Waste/Materials. Please call the **Springfield HHW Depot at (413)-787-7840** on how to properly dispose of those materials.

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How a barrel is left behind

- Driver pulls up to barrel-"Lifts the Lid"
- If the contents on top are non-recyclable he fills out an orange slip naming at least one non-recyclable item on the slip
- He then calls in the address to dispatch/customer service
- If customer service/dispatch cannot be reached, then they log it on a sheet.
- The sheets are turned into our Recycling Enforcement person and then entered into our Intelligov system so they can be tracked and categorized











Challenges and Success

- Servicing 20,000 properties (single, dual and 3 family homes) every week.
- April 2015: Averaged 60 barrels/day of recycling left behind due to contamination.
- This past January: 591 barrels left behind. Avg. of 36/day.
- 691 tons of clean recyclable material collected in January 2016.