

Sustainable Waste Management Strategies

Parkland Health & Hospital System



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Objectives

Starting a program

- Determine established recycling and reuse programs
- Establish a baseline
- Track Data
- Next steps
 - Determine opportunities for new programs
 - OR red bag waste reduction
- Education
- Case Study: Results of recycling and reuse programs at Parkland Health & Hospital System

Determine Recyclables & Reusables

Begin with programs that provide revenue or are cost neutral.

Already implemented or easy to implement

- Medical Equipment
- Device reprocessing
- Reusable Sharps containers
- Batteries (lead-acid)
- Cooking and Diesel Oil
- Shredded paper
- Pallets
- Cardboard
- Metal
- E-waste

Establish a Baseline

Waste

- Solid
- Biohazard
- Hazardous

Recycling

- Reuse
- Recycle



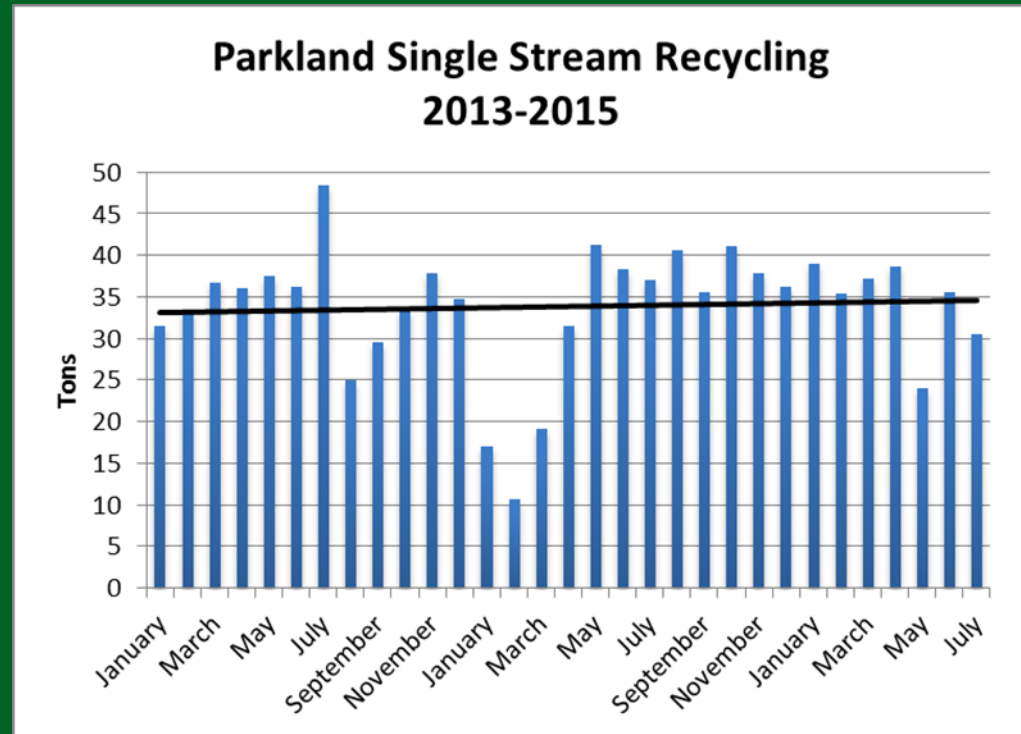
Tracking Data

Dedicate staff to track waste and recycling

- Monthly
- Quarterly

Spreadsheets

- Monthly data
- Quarterly and yearly totals
 - Graphs
 - Track progress



Additional Recycle & Reuse Programs

Next Steps

Programs that may require more coordination

- Single stream
- Furniture
- Toner
- Batteries (alkaline)
- Light bulbs
- Xylene
- Food waste
- Other

Improving Waste Management Practices in the OR

OR red bag waste reduction

- Very little waste actually biohazard
- Replace excess red bags with trash bags
- Right-size the remaining red bags
- Fluid management system



Sterile hard cases

- Purchase for on-site use
- Vendor requirement

Education

Who?

- Current employees
- New employees
- Environmental Services
- OR staff

How?

- In-person
- Online
- Email
- Newsletters

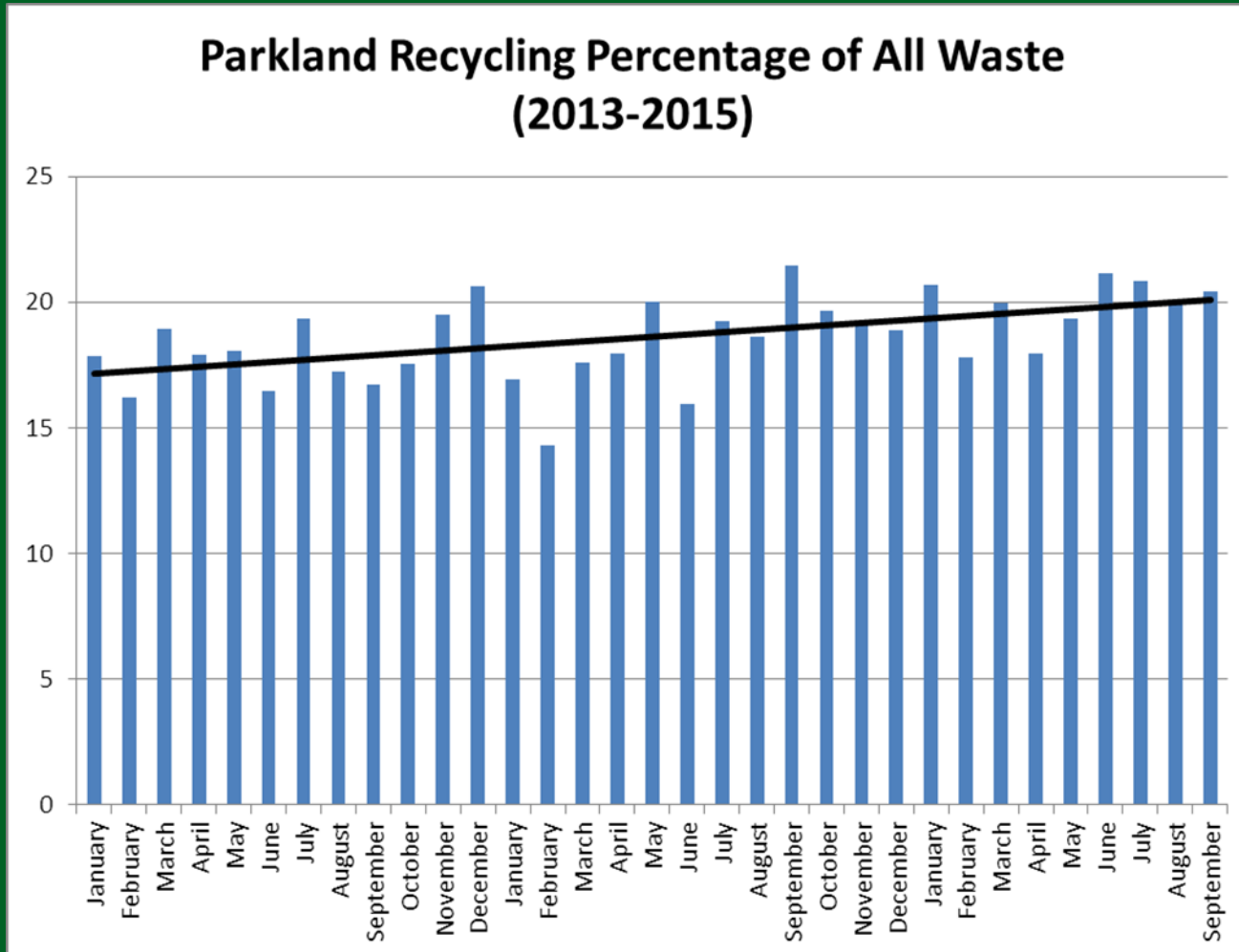
Parkland Recycling Program
Recycle this, not that.



- Non-confidential Paper
- Plastic Bottles
- Aluminum Cans
- Cardboard
- PDI Wipe Containers
- Sticky-Notes
- Magazines
- Newspaper
- Folders/Hanging Folders
- Paperboard (i.e. glove boxes)
- Periodicals
- Spiral Notebooks/Manuals
- Rinsed Food Containers
- Food/Dirty Food Containers
- PPE
- Styrofoam (#6 plastic)
- Paper towels
- Gloves
- Tissues
- Pizza boxes
- Glass
- Bubble Envelope
- Chip bags

For Questions, please call Waste Stream Coordinator at ext. 21342

Parkland Health & Hospital System Recycling and Reuse Program Results



Parkland Health & Hospital System Recycling and Reuse Program Results

Rebates, Cost Avoidance & Landfill Diversion

- 2013: \$225,000
- 2014: \$171,000
- 2015: \$216,000 (9 months)

Total: \$612,000 savings

Reduce, Reuse, Recycle by weight

- 2013: 1,234 tons
- 2014: 1,157 tons
- 2015: 887 tons (9 months)

Total: 3,278 tons diverted

Thank you!