

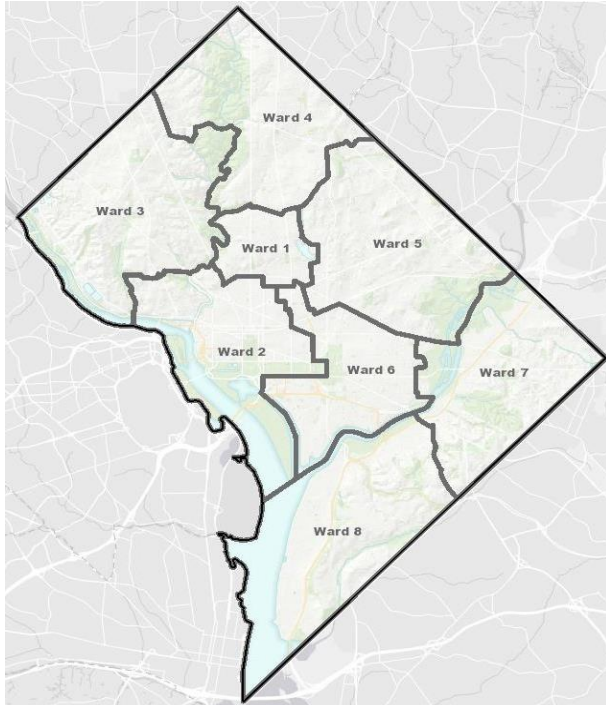


WASHINGTON D.C.: ORGANICS RECOVERY

October 24, 2018

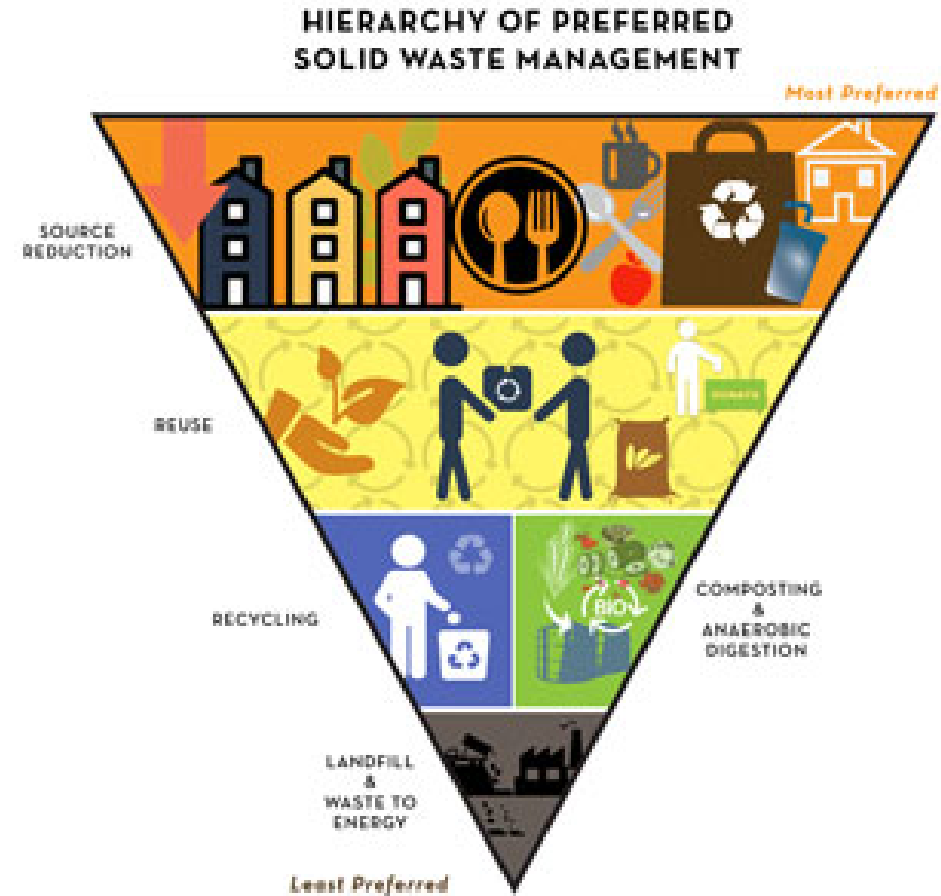


The District of Columbia

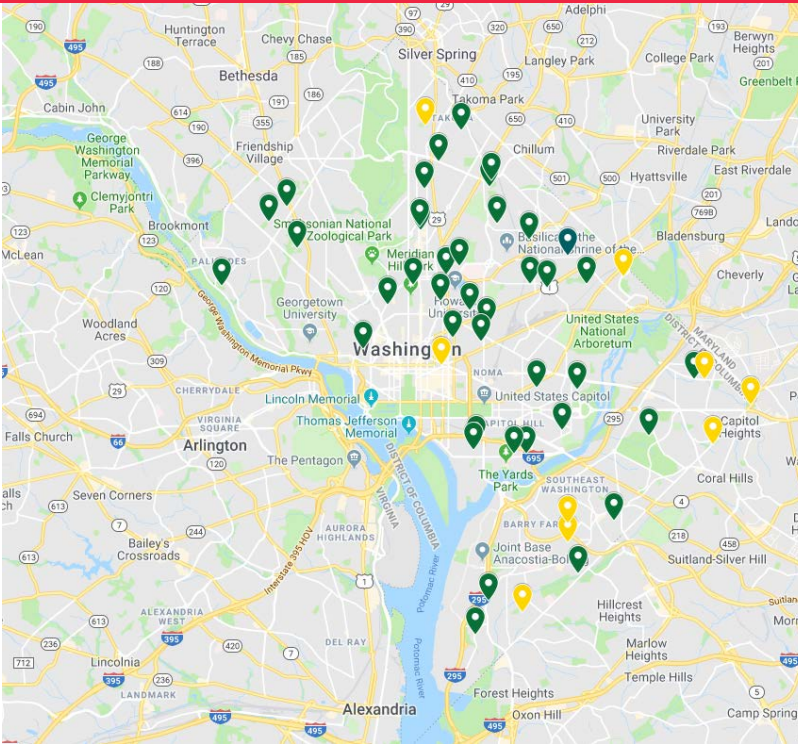


- 700,000+ Residents & Growing
- 313,718 Households (1/3 serviced by DPW)
- 5M+ Regional Population
- 68 square miles
- Bisected by two rivers
- 8 Wards

Food Waste Prevention and Compost Benefits and Sustainable DC



ORGANICS RECOVERY IN THE DISTRICT



- 56 community composting bins installed with capacity to serve 5,000 residents. Cafeteria composting in 39 public schools; to expanding to 60 schools this school year.

FOOD WASTE DROP-OFF



- Launched in April 2017 (Earth Month)
- Free composting service for District residents
- Available all eight wards with 3-year round & 6- seasonal sites.
- Located at farmers markets



PARTICIPATING FARMERS MARKETS

Columbia Heights Farmers Market
14th and Kenyon St NW
April 21 - Dec 8 | Saturday's 9 am - 1 pm

14th and Kennedy Farmers Market
14th and Kennedy St NW
Apr 14 - Nov 17 | Saturday's 9 am - 1 pm

University of District of Columbia
Farmers Market (in front of the law school)
4340 Connecticut Ave NW
May 5 - Nov 24 | Saturday's 9 am - 1 pm

Brookland Farmers Market (Monroe St)
716 Monroe St NE
April 14 - Dec 8 | Saturday's 9 am - 1 pm

Dupont Circle Farmers Market
1500 20th Street, NW
Year Round | Sunday's 8:30 am - 1:30 pm

Ward 7 Farmers Market (Minnesota Ave)
3701 Hayes Street, NE
June 2 - Nov 17 | Saturday's 9 am - 1 pm

Glover Park Burleith Farmers Market
34th St and Wisconsin Ave
May 19 - Nov 17 | Saturday's 9 am - 1 pm

Ward 8 Farmers Market
3200 6th St SE
June 2 - Nov 17 | Saturday's 10 am - 2 pm

Eastern Market
635 North Carolina Ave SE
Year Round | Saturday's 9 am - 1 pm

**For the most up-to-date information on the market locations and times, please visit our website: dpw.dc.gov/foodwastedropoff*



DISTRICT DEPARTMENT OF PUBLIC WORKS



WASTE LESS
COMPOST
MORE

Site Locations &
More Information:
dpw.dc.gov/foodwastedropoff

#ZeroWasteDC

WASTE LESS COMPOST MORE



ACCEPTED ITEMS



Fruits and Vegetable Scraps



Breads, Grains, Cereals,
Rice and Pasta



Egg Shells



Coffee Grounds, Coffee Filters
and Tea Bags



Nutshells



Household Flowers



NOT ACCEPTED ITEMS



Dairy
(Milk, Cheese, Yogurt)



Meats, Fish, Bones,
Oil and Grease



Plastic Bags,
Wraps or Film



Foam
Polystyrene



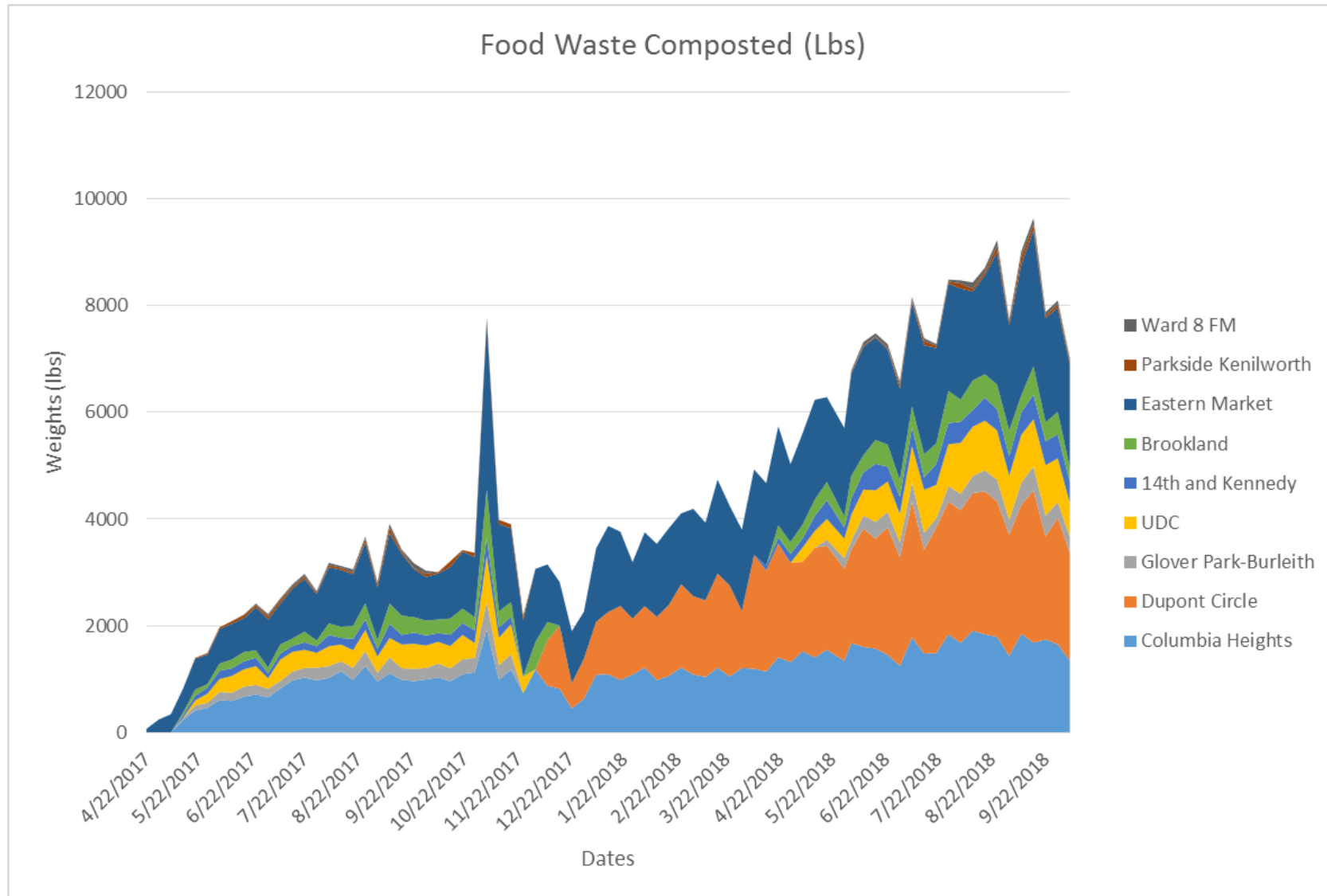
Recyclables
(Plastic, Metal, Glass, Foil)

The District is committed to achieving zero waste through waste diversion and reduction.

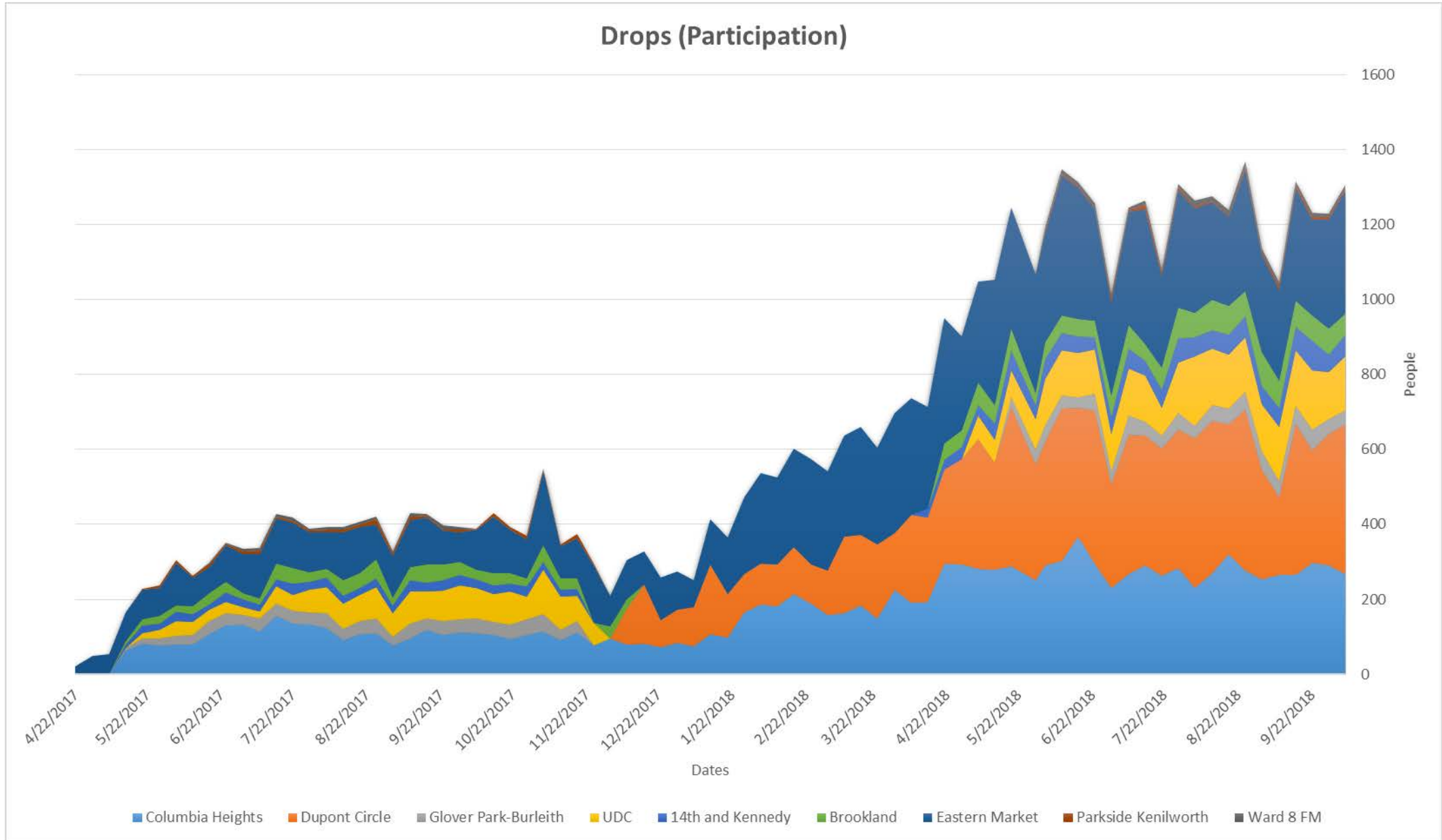


GOVERNMENT OF THE
DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR

Food Waste Drop-Off



Food Waste Drop-Off



PLANNED STUDIES TO ASSIST WITH ZERO WASTE & INFRASTRUCTURE PLANNING



COMMUNITY
COMPOSTING,
DROP-OFF,
SCHOOL
COMPOSTING



BACKYARD
COMPOSTING



CURBSIDE
COLLECTION
AND IN-
DISTRICT
COMPOST SITE



BLUE PLAINS
CODIGESTION
STUDY

ORGANICS GENERATION AND RECOVERY POTENTIAL

SECTOR	GENERATION (TONS/YEAR)	RECOVERY POTENTIAL LOW (TONS/YEAR)	RECOVERY POTENTIAL AVERAGE (TONS/YEAR)
SSO Curbside Collection Program	21,056 to 59,221	10,719	30,490
Commercial Landscapers Drop-off Potential	13,427	13,427	13,427
Multi-family Diversion Potential	17,962 to 47,761	7,185	19,105
Commercial and Institutional	114,365	57,183	85,774
Total Generation	234,774		
Total Diversion Potential		88,513	148,796

RESIDENTIAL COMPOSTING IDEAL STATE



- Residential co-collection of Food Waste and Yard Waste is recommended
- Food Waste & Yard Waste should not be transferred
- There is currently limited regional capacity to accept food waste
- In-District Organics Processing Facility is preferred

CURBSIDE COMPOSTING FEASIBILITY STUDY FINDINGS

DIVERSION POTENTIAL

- 30k tpy of commingled food and yard waste from DPW serviced households
- 40% - Projected residential diversion rate with adoption of collection program
- Opportunity to recover 150k tpy with policy and new infrastructure

JOB CREATION

- 6 – 12 fulltime facility operation jobs plus additional staff required for collection

ANNUALIZED COST OF CURBSIDE PROGRAM

- \$5.9M - \$9.0M

INFRASTRUCTURE

- Proposes in-city covered aerated static pile facility
- 10-20 acres
- Capacity: 30k – 150k tpy
- \$7-\$12M

ROLL-OUT SCHEDULE

- Five year roll-out plan to all DPW-Serviced households



THANK YOU

Questions or Feedback

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