



# Resource Recovery

## About DPW

Department of Public Works provides garbage and recycling collection for all 1-4 unit households in the City of Milwaukee (181k+ residences).

Operates two solid waste transfer stations, two drop off centers, and a materials recovery facility (MRF).

The MRF is jointly-owned through an intergovernmental agreement with Waukesha County, operated under a third party contract.

- Utilized an existing City site for the 2015 retrofit to single stream recycling

# Responsible Unit

WI state law requires every municipality in the state to operate a recycling program to manage materials banned from landfill.

The City of Milwaukee Dept. of Public Works is the “responsible unit” or “RU” for the City of Milwaukee, responsible for planning, operating, and funding a recycling program.

As RU for the City of Milwaukee, DPW is responsible for enforcing recycling programs to ensure that residents, businesses, and special event managers comply with state and local recycling requirements.

# Recovery & Climate

## **DPW Services and Climate Impact**

- Yard debris and food waste diversion from landfill and emissions reduction
- Recyclables recovery reducing need for raw materials extraction and processing

# Residential Recycling

181k+ households serviced (1-4 units), five schedule types

Recycling Service Type		Number of Eligible HHs	Percent of City HHs
1 Every Other Week	Carts	18,095	10%
2 Twice per Month	Carts	7,220	4%
3 Weekly (mostly in bins, with some carts)	Bins	18,615	10%
4 Every Three Weeks (Guaranteed April-November) (No guaranteed/set schedule December-March)	Carts	121,078	67%
5 Every Three Weeks (Guaranteed year round)	Carts	16,125	9%
<b>Totals</b>		181,133	100%

## Goals

- 40% diversion by 2020 (25.7% in 2018)
- Uniform every other week recycling collection schedule in carts
- Contamination reduction

# Drop Off Centers

Providing safe and convenient disposal and recycling for a variety of materials

Serving all City of Milwaukee residents and now providing access to small businesses in the community

<p><b>Recycled</b></p> <ul style="list-style-type: none"> <li>• Antifreeze</li> <li>• Car batteries</li> <li>• Motor oil and filters</li> <li>• Tires (5 passenger tires per trip)</li> <li>• Appliances</li> <li>• Scrap Metal</li> <li>• Asphalt Shingles</li> <li>• Concrete</li> <li>• Electronics (3 TVs per trip)</li> <li>• Cooking oil</li> <li>• Shoes</li> <li>• Curbside recyclables</li> <li>• Large corrugated cardboard</li> </ul>	<p><b>Composted</b></p> <ul style="list-style-type: none"> <li>• Brush and branches</li> <li>• Grass clippings</li> <li>• Garden debris</li> <li>• Leaves</li> <li>• Logs</li> </ul> <p><b>Landfilled</b></p> <ul style="list-style-type: none"> <li>• Construction and remodeling debris*</li> <li>• Old furniture and mattresses</li> <li>• Garbage</li> </ul> <p>*Routinely sent to private construction &amp; demolition debris processing facility for recovery of a large portion and landfill disposal of rest.</p>
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## DROP OFF CENTER

### Fee Guide

<b>Approximately 1 cubic yard (yd<sup>3</sup>)</b> Passenger Car		<b>Free</b>
<b>Approximately 1-3 yd<sup>3</sup></b> Truck • Minivan • SUV		<b>\$20</b>
<b>Approximately 3-6 yd<sup>3</sup></b> Small Trailer • Tall Truck		<b>\$30</b>
<b>Approximately 6-10 yd<sup>3</sup></b> Large Trailer • Small Box Truck		<b>\$50</b>
<b>Approximately 10-18 yd<sup>3</sup></b> Large Box Truck • Enclosed Trailer		<b>\$90</b>
<b>Brush (6 yd<sup>3</sup> +)</b> Less than 6 yd <sup>3</sup> free!		<b>\$20</b>
<b>Televisions</b> Maximum of 3		<b>\$5 each</b>
<b>Tires</b> Maximum of 5		<b>\$3 each</b>

All loads are priced separately. Load size is determined by staff and is non-negotiable. Staff reserves the right to deny access depending on load, vehicle type, or conduct.

# Organics

## Fall leaf collection

- 19,278 tons in 2019

## Brush collection

- 1,415 tons in 2019

## Organics pilot program

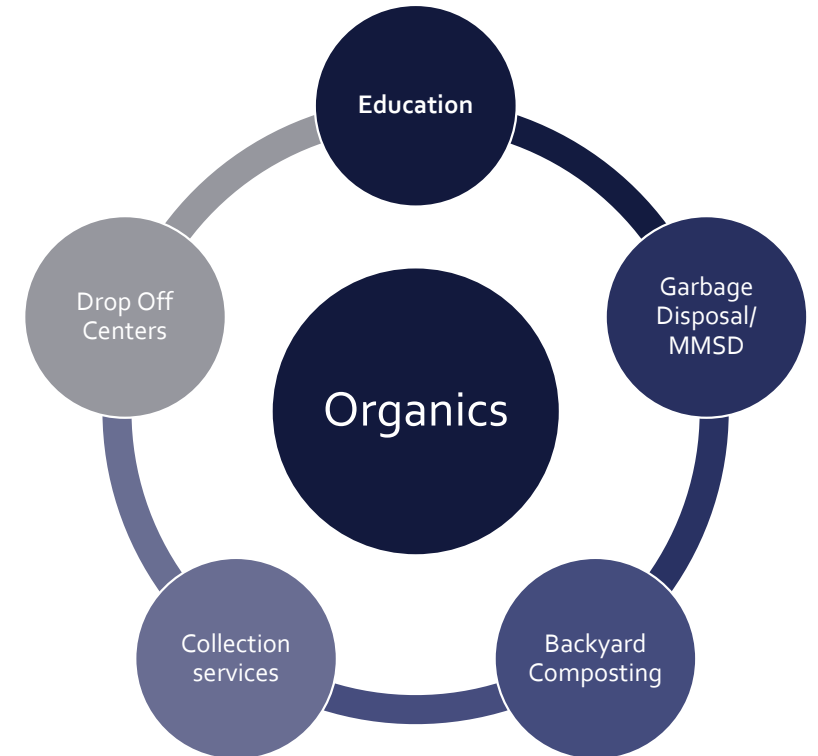
- 575 tons collected (since Q4 2016)
- 2020 RFP for release Q1

## Compost bin sale

- 945 compost bins sold since 2012

## Backyard composting classes

- City, KGMB, MPL partnership
- Six classes, 137 attendees



# Public Outreach & Education

## **Tours**

- Keep Greater Milwaukee Beautiful
- Doors Open Milwaukee

## **Online**

- 2019 website update
- Facebook, Twitter
- E-notify

## **Enforcement & resources**

- Apartment & Business Recycling Guide

## **Presentations**

- Landlord training, public presentations, conference presentations

## **Partnerships**

- KGMB, Core el Centro, MPL, UWM



