

# Baltimore City 10-Year Solid Waste Management Plan

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## Final Draft Review Meeting

10 April 2023



# Team Introductions



# Agenda

**1. Webex Functionality & Testimonial Instructions**

**2. Background & Purpose**

**3. Current Waste Infrastructure & Programs**

**4. Plan of Action**

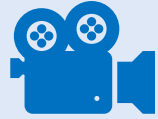
**5. Resources & Community Input**

**6. Testimonials**



# Webex Functionality & Testimonials

# Webex Functionality



This meeting is being recorded. The recording will be publicly available on the webpage



Please check your device's audio settings, if you are unable to hear audio or are having other technical issues, please use the chat feature to request assistance



# Webex Functionality Continued



Interpretation services are available on Webex by clicking on the globe button on the bottom left of your screen



Live transcription is available on Webex by clicking on the "CC" button on the bottom left of your screen

# Testimonials



Attendees will have the opportunity to provide a 2-minute oral testimony at the end of the presentation



If you would like to submit written testimony, please use the “chat to all panelists and interpreters” Webex feature



Further instructions on how to give testimony will follow the presentation

# Testimonials Continued



Your name will be called on if you decide to provide verbal testimony and therefore will be made public via the recording



If you are joining us in person, a testimonial option was included in the sign-in process. If you did not check this option during sign-in there may be time at the end



# Testimonials Continued



We will not be responding to questions or comments during this meeting to allow for the maximum number of comments to be received



DPW will be responding to comment themes on the webpage by 4/17



**All** written and oral testimony received will be considered for incorporation into the plan



# Background & Purpose

# What is the Solid Waste Management Plan?

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- Describes the state of Baltimore City's solid waste infrastructure and programs
- Discusses strategies to reduce waste, decrease illegal dumping and litter, manage landfill, and sustain solid waste operations for the next decade
- The content of the Plan follows a strict set of guidelines outlined by Maryland regulations and is submitted to the Maryland Department of the Environment

**Section 1**  
**Overview of Goals,  
City Structure, &  
Regulatory Guidelines**

**Section 2**  
**Background  
Information**

**Section 3**  
**Overview of  
Existing System**

**Section 4**  
**Assessment of  
Needs &  
Constraints**

**Section 5**  
**Plan of Action**

# Sources of Information

**Population  
Estimates**



**Historical  
Data**



**Tonnage  
Reports**

**City  
Planning  
Documents**



**Public  
Input**

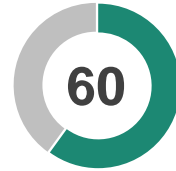


**Regulatory  
Guidelines**

# Plan Stages

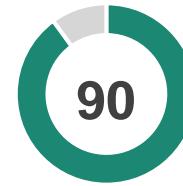
## 1. 60% Draft

- Draft Sections 1-4
- Public Meeting



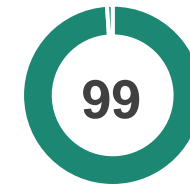
## 2. 90% Draft

- Completed with feedback from 60% considered
- Draft Sections 1-5
- Public meeting



## 3. 99% Draft

- Plan and supporting documents will be completed with feedback from 90% draft considered
- Public meeting will review pre-final version of Sections 1-5



## 4. Final Draft

- Plan will be completed with feedback from 99% draft considered
- Two public final reviews of the plan will be completed
- Plan sent for State approval and adoption by Baltimore City Council





# Schedule of Public Meetings

Date	Time	Description
Wednesday, 2/22/2023	6 PM - 7:30 PM	60% Draft Public Review Meeting (Virtual)
Monday, 3/13/2023	2 PM - 3:30 PM	90% Draft Public Review Meeting (Virtual)
Monday, 3/27/2023	6 PM - 7:30 PM	99% Draft Public Review Meeting (Virtual)
Monday, 4/10/2023	6 PM – 7:30 PM	Final Draft Public Review Meeting 1 (In Person & Virtual)
Monday, 4/24/2023	6 PM – 7:30 PM	Final Draft Public Review Meeting 2 (In Person & Virtual)

Please Register at: [bit.ly/10YearSWMP](https://bit.ly/10YearSWMP)

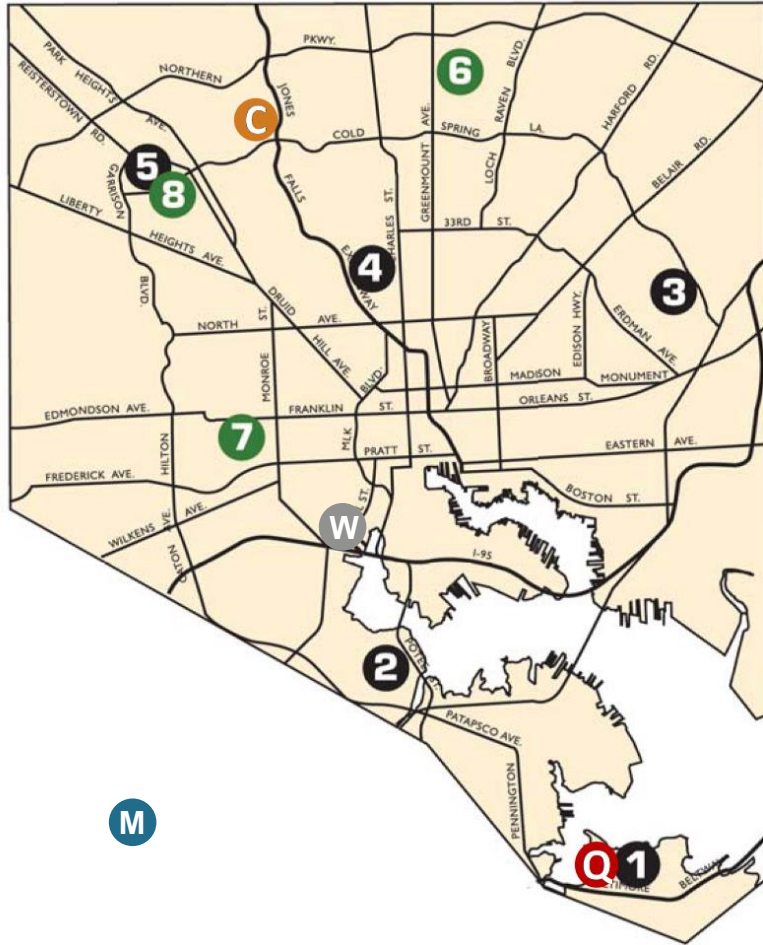
# Key Events

Time Period	Description
April 24 <sup>th</sup> 2023	Last day to submit feedback
May 2023	Draft Plan Submitted to the State
August 2023	Response From the State
December 2023	Submitted to Mayor & City Council for Formal Adoption
January 2024	Plan goes into Effect



# Current Waste Infrastructure & Programs

# Existing Solid Waste Facilities



- (1) Quarantine Road Landfill
- (2) Reedbird Ave. Convenience Center
- (3) Bowley's Lane Convenience Center
- (4) Sisson St. Convenience Center
- (5) Northwest Transfer Station
- (6) York Road Substation\*
- (7) Calverton Road Substation\*
- (8) Lewin Ave. Substation\*
- (C) Camp Small
- (Q) Quarantine Road Landfill
- (W) WIN Waste
- (M) Materials Recovery Facility

\*Recyclable items only





# Existing Recycling & Diversion Efforts

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## Source reduction and diversion initiatives

- Polystyrene ban
- Plastic bag ban
- Recycling can program
- Recycling initiatives in city schools
- Outreach events and social media



## Curbside Single Stream Recycling

- Biweekly curbside collection of single-stream recyclables
- Materials accepted in the collection program include aluminum and steel/tin cans, cardboard, glass containers, mixed paper, and plastic bottles and jars

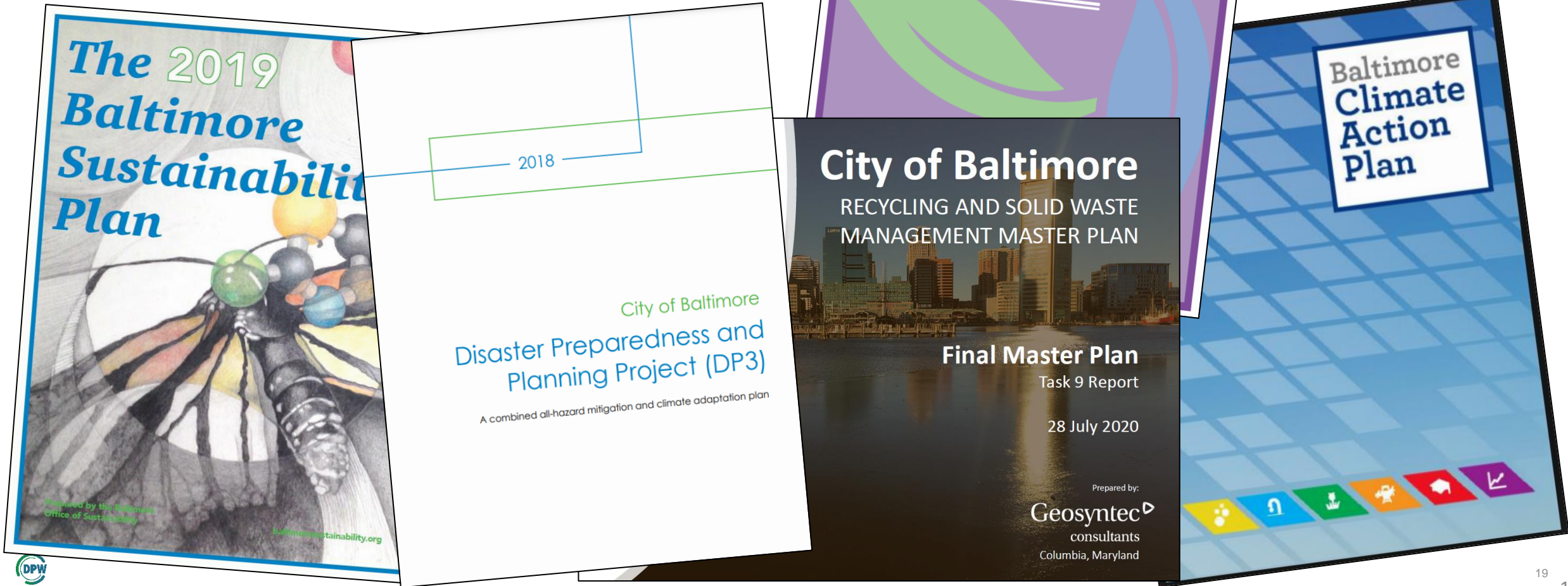
## Organics Diversion and Composting

- Public education program promoting grass-cycling and at-home composting
- Food scrap collection at residential drop-off centers and at the Farmer's Market

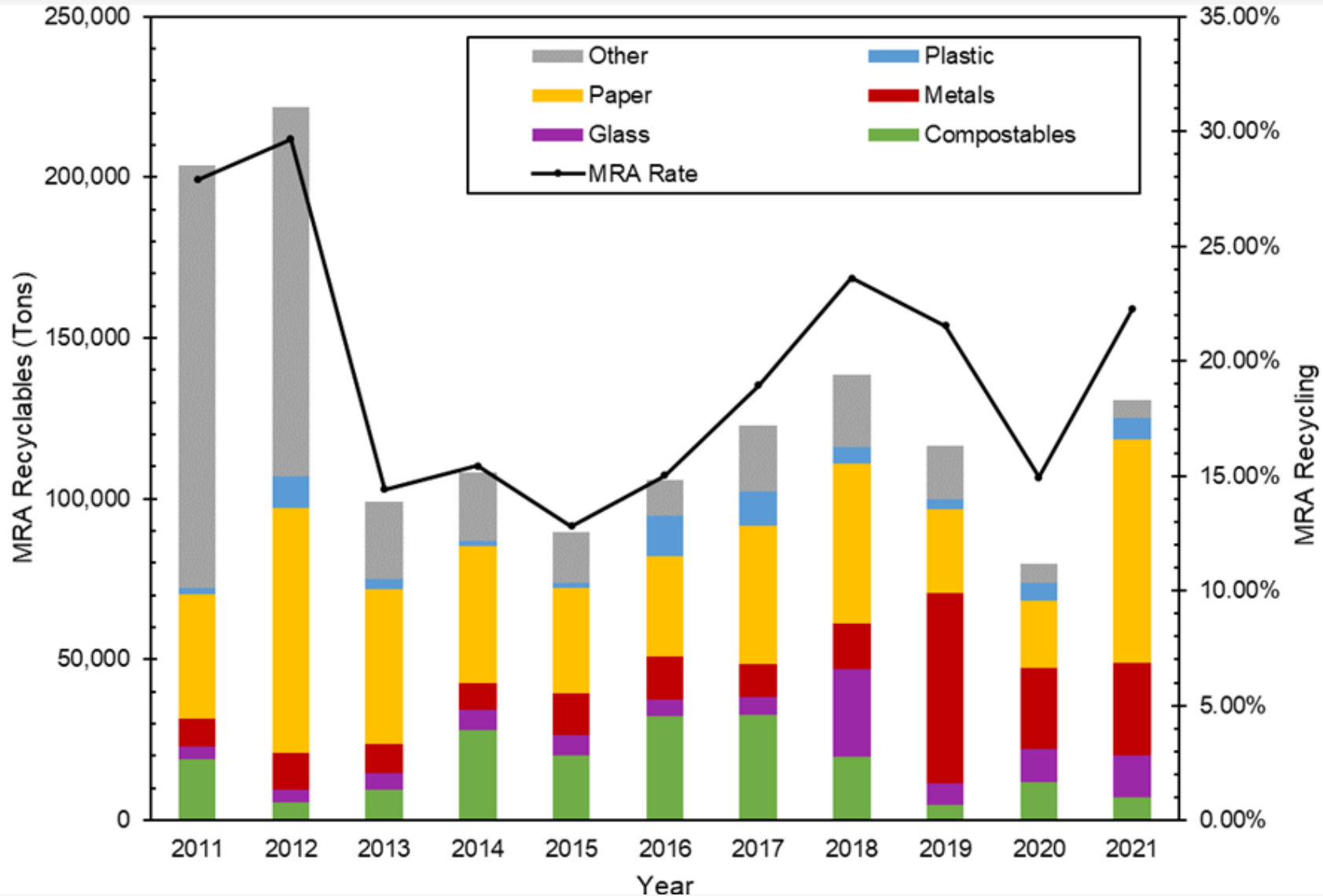


# Existing City Plans

The 10-Year Solid Waste Management Plan integrates information and long-term goals presented in other City planning documents, including:



# Baltimore City Recycling Rates



# Long-Term Solid Waste Goals

Waste Category	Sector	2020 Diversion Rate	City Reduction Goal	City Diversion Goal
Food Waste	Residential	0.6%	80%	80%
	Commercial	2.1%	50%	50%
Yard Waste	Residential	8.8%	N/A	80%
	Commercial	6.4%	N/A	50%
Recyclables	Residential	15.9%	N/A	90%
	Commercial	36.5%	N/A	90%
C&D	Residential	100.0%	N/A	90%
	Commercial	35.5%	4%	90%
Bulk and Special Waste	Residential	40.0%	50%	60%
	Commercial	93.2%	50%	60%
Other Waste	Residential	0.0%	N/A	90%
	Commercial	61.6%	N/A	90%



# Plan of Action

# Overview of the Plan of Action

1. Waste Reduction and Diversion
2. Residential Drop-off Centers
3. Waste Collection System
4. Waste Transfer System
5. Waste Processing and Recycling
6. Waste Disposal System





# Highlights of the Plan: Improving Recycling

## Legislative Actions

- Support legislation that bans recyclables from disposal
- Support legislation requiring mandatory commercial recycling and reporting
- Support legislation that creates enforcement mechanisms for recycling mandates

## Administrative Actions

- Improve education and outreach
- Incentivize growth of local recycling markets
- Assess funding mechanisms for waste diversion initiatives

## Programmatic Actions

- Improve recycling in public spaces
- Reinstate weekly recycling collection and optimize collection routes
- Offer green business certification



**DIVERSION POTENTIAL: 125,300 tons/year**



# Highlights of the Plan: Increasing Organics Diversion

## Reducing Food Waste

- Consult Baltimore Food Waste & Recovery Strategy
- Improve education and outreach
- Support state mandates banning food waste disposal

## Increasing Organics Diversion Efforts

- Encourage and support backyard and community composting
- Initiate pilot organics collection program
- Improve education and outreach

## Encouraging In-City Composting

- Engage private and public sector to construct in-city composting facility
- Offer community workshops and training opportunities
- Support residents interested in obtaining compost operator certification



**REDUCTION POTENTIAL: 25,500 tons/year**  
**DIVERSION POTENTIAL: 19,600 tons/year**





# Highlights of the Plan: Emphasis on Education & Outreach

## Community Engaged Planning

- Community-engaged seminars focusing on underserved communities
- Zero Waste Coalition

## Resource Development and Strategic Messaging

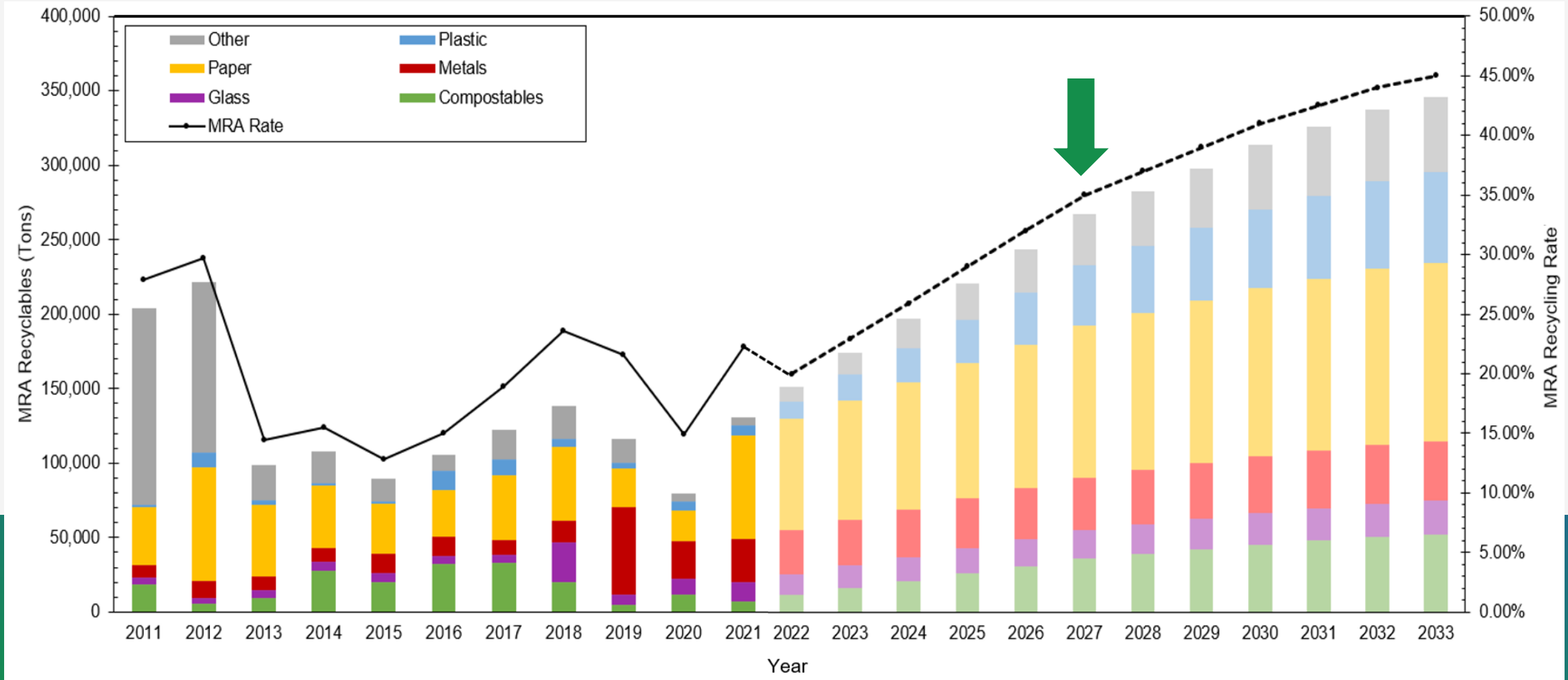
- Guides for hard-to-recycle materials, food waste, and reuse directory
- Four-part educational module on recycling/reuse for public schools
- Community-based social marketing campaign

## Workshops

- Repair clinics
- Creative reuse classes
- Circular cooking classes
- Composting
- Community recycling sorts



# Projected Recycling Rate



# Highlights of the Plan: Improving Waste and Recycling Collection

## Recycling



- Update equipment (trucks)
- Improve worker retention
- Reinstate weekly collection
- Improve residents' drop-off centers
- Improve education and outreach

## Trash



- Update equipment (trucks)
- Improve worker retention
- Support waste reduction initiatives
- Improve education and outreach

## Litter and Illegal Dumping



- Improve cleanup
- Engage local community members
- Improve reporting and enforcement
- Support vulnerable communities



# Highlights of the Plan: Improving Waste Disposal and Transfer

## Waste Disposal

- Expand Quarantine Road Landfill
- Improve landfill operations
- Improve waste diversion efforts
- WIN Waste contract ends in 2031
- No additional in-city waste disposal options

## Waste Transfer

- Improve Northwest Transfer Station operations
- No room to expand Northwest Transfer Station
- Construction of additional transfer capacity as out-of-city disposal option





“

Feedback from Baltimore City residents will continue to be encourage through online, in-person, and community outreach efforts.

Comments from stakeholders are being gathered and considered as part of the next draft.

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# Resources & Community Input

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Please Register at: [bit.ly/10YearSWMP](https://bit.ly/10YearSWMP)

# Final In-Person/Virtual Meeting

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**Date:** Monday, 4/24/2023

**Location:** Arlington Elementary School (3705 W Rogers Ave, Baltimore, MD 21215)

**Time:** 6 PM – 7:30 PM

**4/24 will be the final day to submit all feedback for consideration into the plan!**

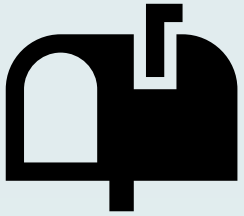
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To read the draft, provide feedback, or read the Frequent Questions and Comments section, scan QR code or visit:  
[bit.ly/10YearSWMP](https://bit.ly/10YearSWMP)

To provide questions or feedback:  
[SolidWastePlan@BaltimoreCity.gov](mailto:SolidWastePlan@BaltimoreCity.gov)



To provide written feedback:  
[Solid Waste Management Plan](#)  
[200 Holliday St.](#)  
[10th Floor](#)  
[Baltimore, MD 21201](#)

Feedback received during [meetings](#), [via email](#), [mail](#), and those [posted on the draft](#) will be considered for incorporation into the draft

# Community Resources

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For general questions, City services, or other non-plan related questions, please dial 311 to reach a City operator for assistance

For additional support related to current City services please contact the Community Liaison for your district

District(s)	Liaison	E-mail Address
1, 5 & 10	Larry Nunley	<a href="mailto:Larry.Nunley@baltimorecity.gov">Larry.Nunley@baltimorecity.gov</a>
2 & 13	Lakesha Laury	<a href="mailto:Lakeisha.Laury@baltimorecity.gov">Lakeisha.Laury@baltimorecity.gov</a>
3 & 4	Raquel Robbins	<a href="mailto:Raquel.Robbins@baltimorecity.gov">Raquel.Robbins@baltimorecity.gov</a>
6 & 7	Anthony Greene	<a href="mailto:AnthonyLGreene@baltimorecity.gov">AnthonyLGreene@baltimorecity.gov</a>
8, 9 & 11	Charles Jackson	<a href="mailto:Charles.Jackson@baltimorecity.gov">Charles.Jackson@baltimorecity.gov</a>
12 & 14	Terrence Brown	<a href="mailto:Terrance.Brown@baltimorecity.gov">Terrance.Brown@baltimorecity.gov</a>



# Testimonials

# Testimonials – Instructions



**If you are joining on Webex:** If you would like to provide a verbal testimony, please raise your hand. You will be given verbal notification when you are next. When it is your turn, you will be able to unmute your microphone

If you would like to submit written testimony, please use the “chat” feature



**If you are joining in-person:** A testimonial option was included in the sign-in process. If you checked this option, you will be called accordingly. If you did not check this option during sign-in there may be time at the end, depending on the volume of testimonies



**All oral testimonies** will be limited to 2 minutes. After the 10-second grace period, microphones will be muted

**Questions included in testimonies will not be answered at this time**



B A L T I M O R E C I T Y  
**DEPARTMENT OF  
PUBLIC WORKS**