



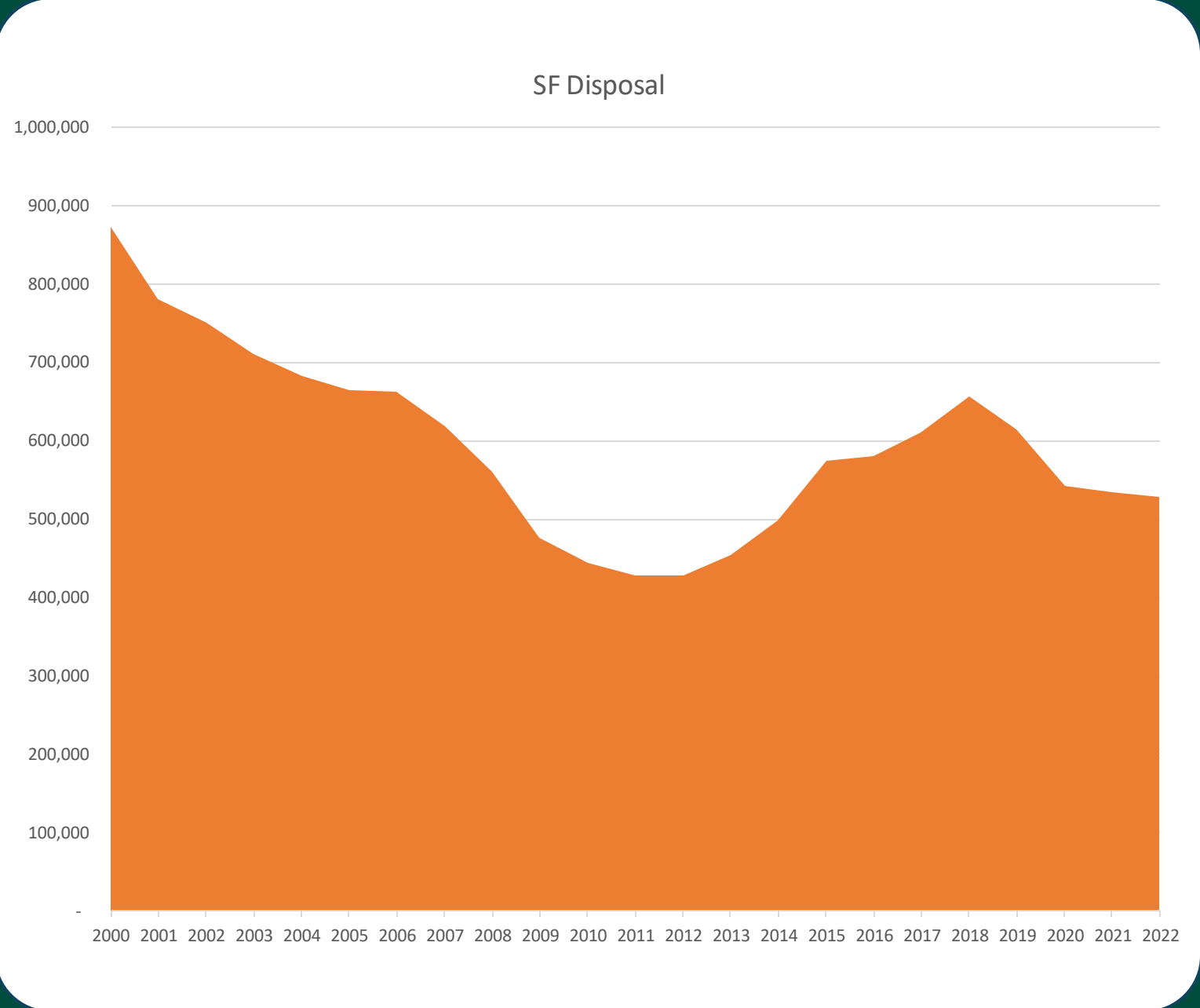
# SF Environment Refuse Rate Update

Alexa Kiely  
Residential Zero Waste Sr. Coordinator

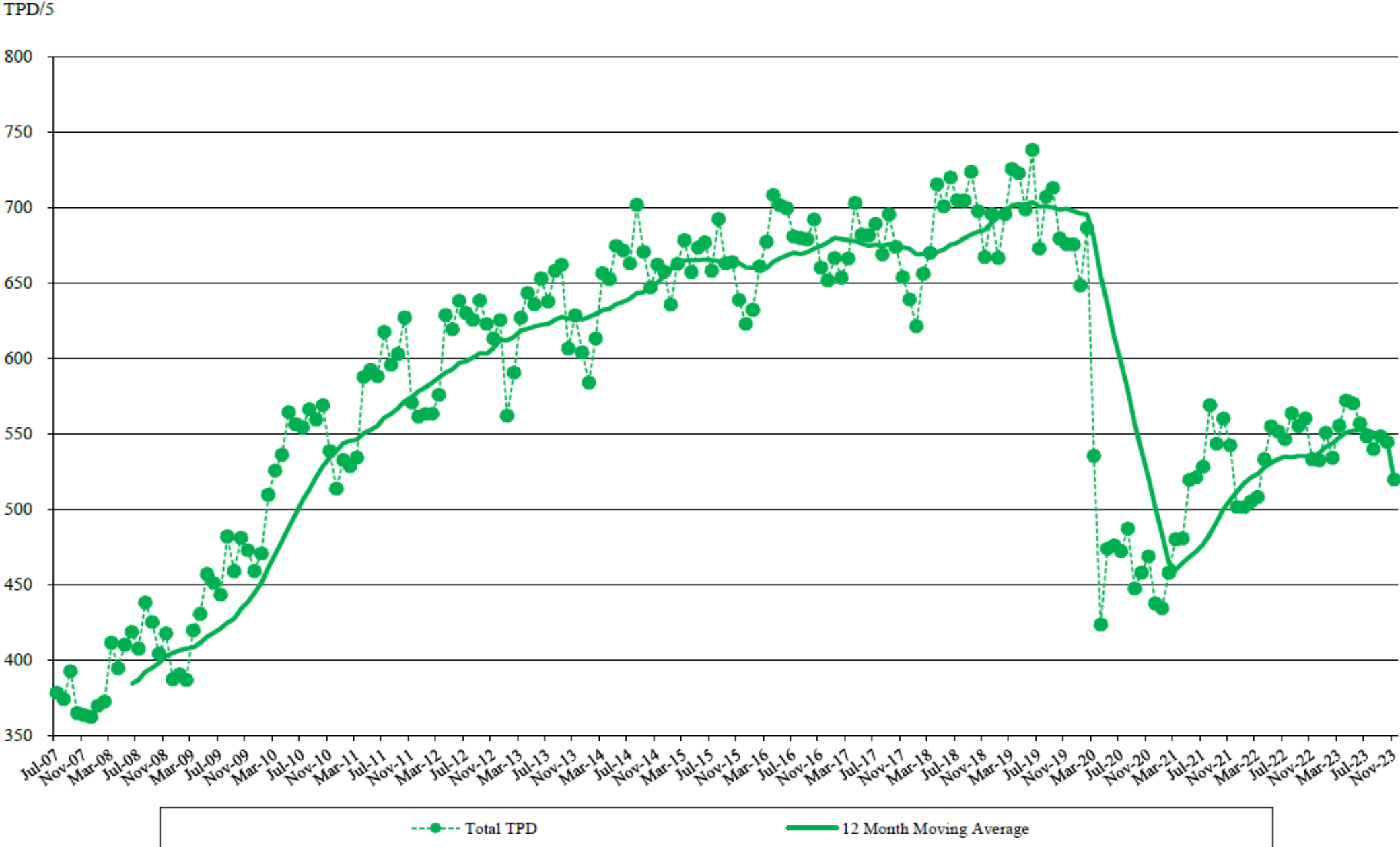
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**ENVIRONMENT**  
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# Zero Waste Status Update

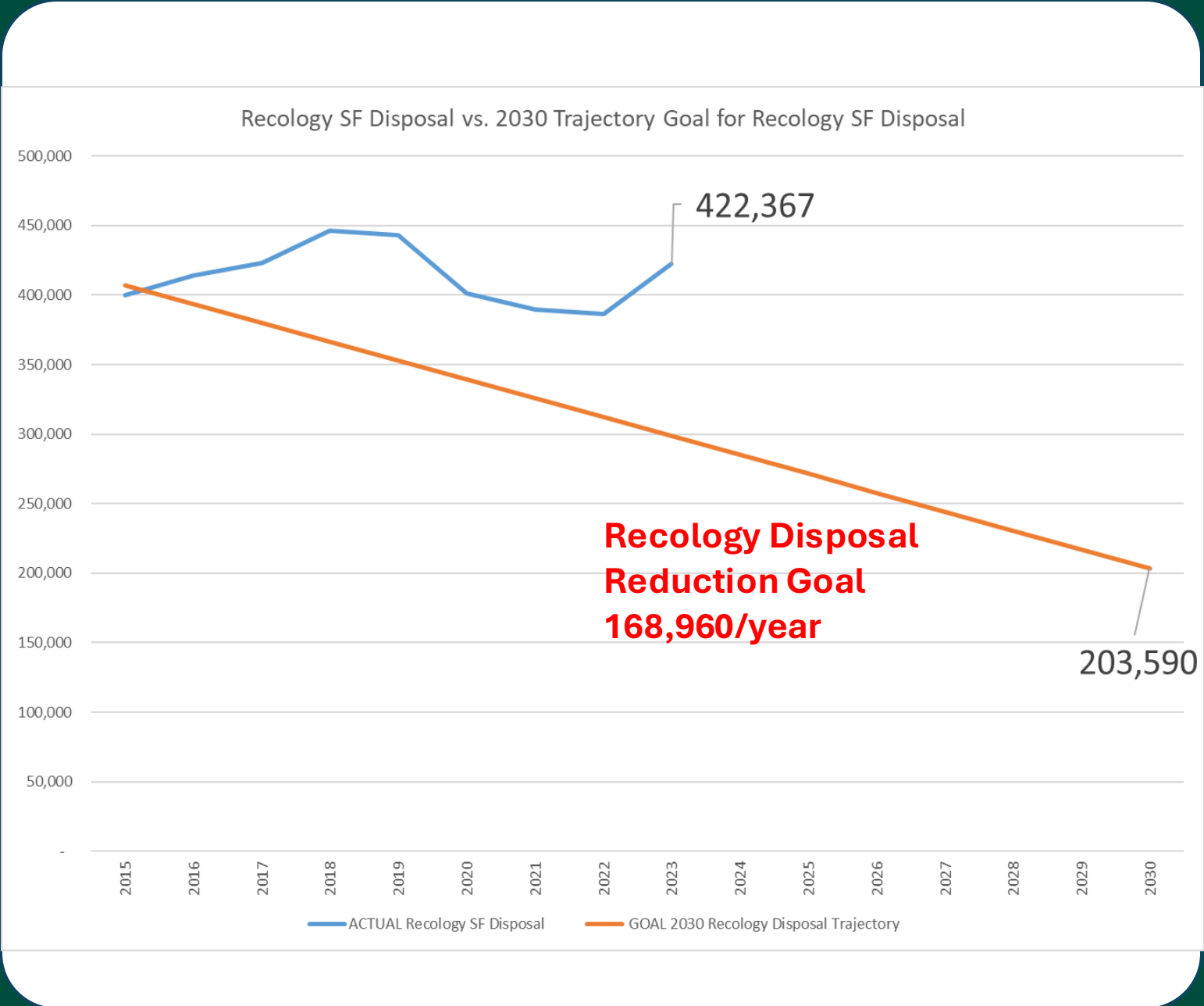
# Total SF Disposal trending down after 2018 Spike



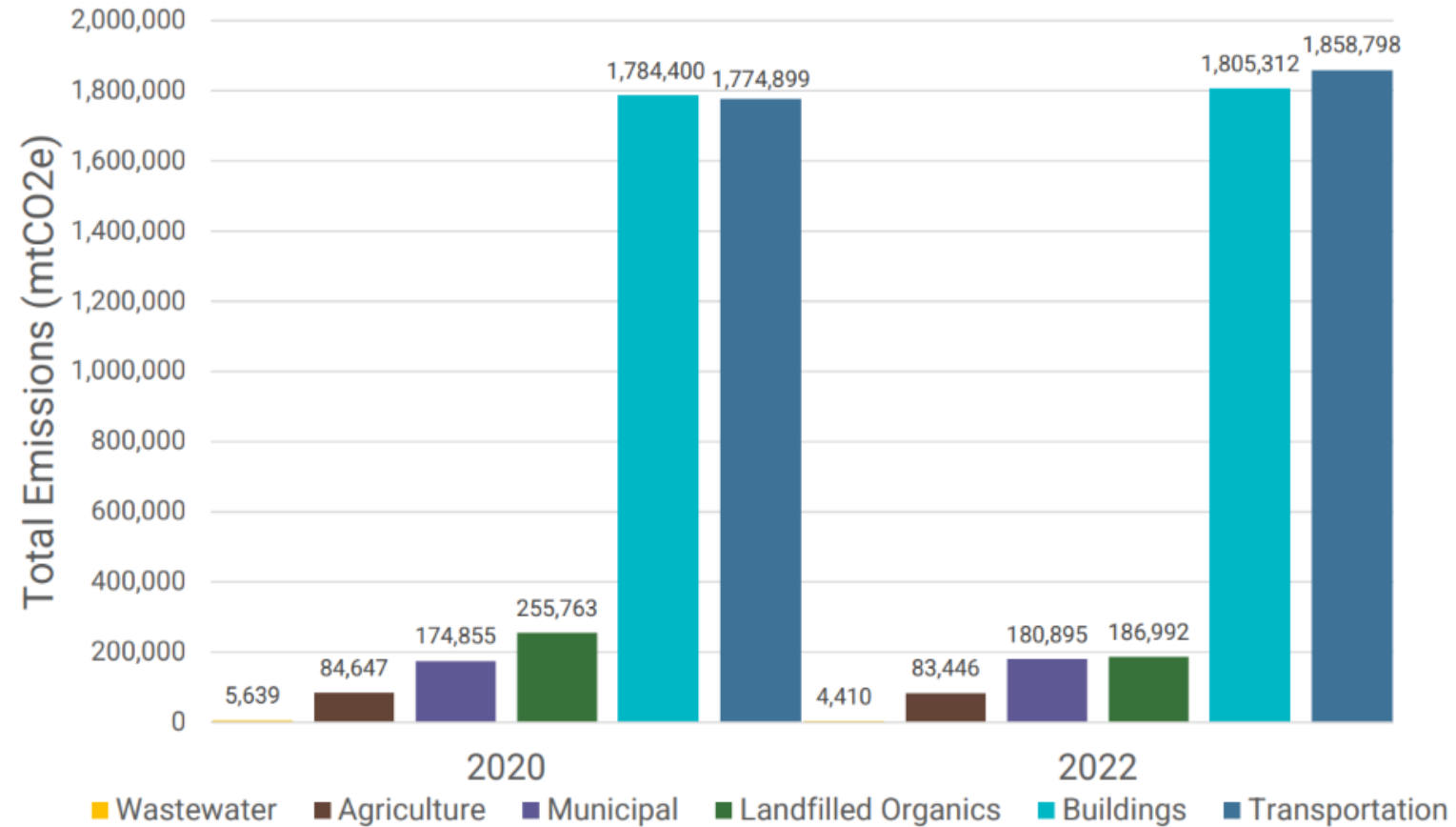
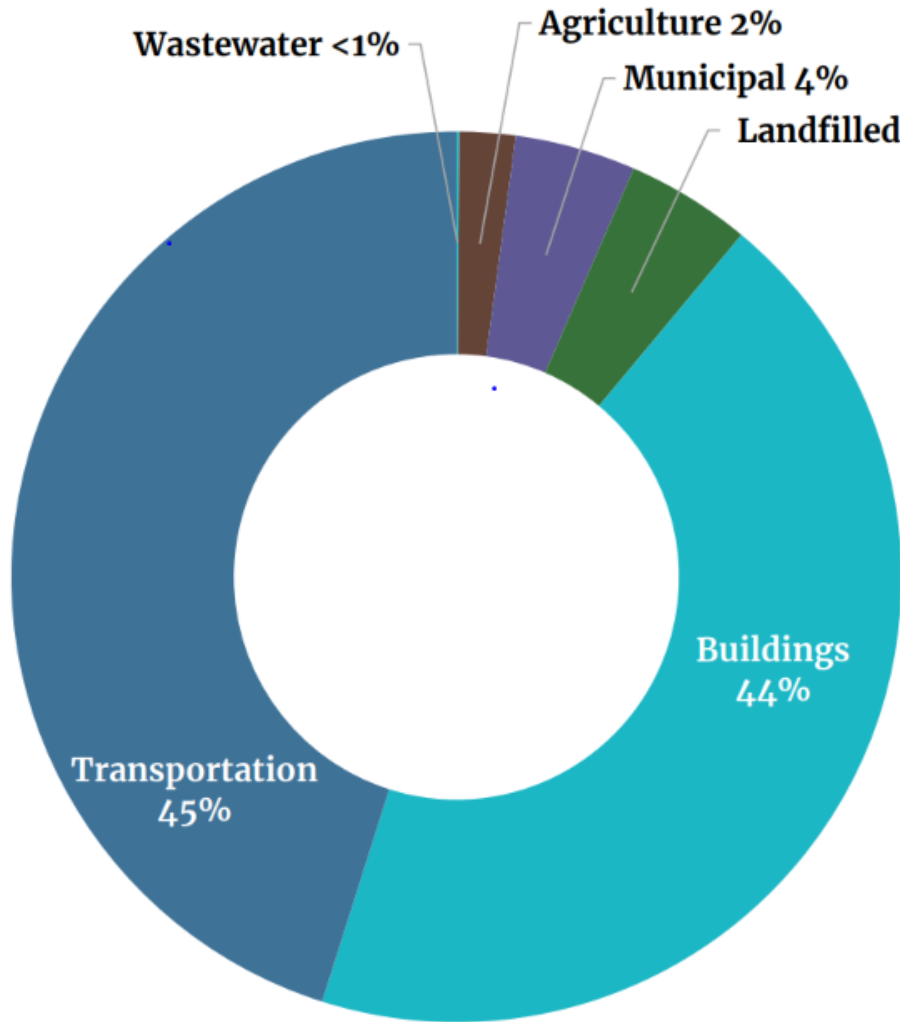
# July 2007-2023 Composting Collection Tons Per Day



# Recology Disposal vs. SF Disposal Target



# Overall Emissions - Breakdown by Sector



**Total Emissions:**  
4,119,853 mtCO<sub>2</sub>e

# **SF Environment Policy Priorities for Recology for New Rate Cycle**



iStock™  
Credit: Animaflora

# Bulky Item Pick Up Reuse Program

(8,000 tons of  
currently landfilled)





# Building Material Reuse

- Landfill capacity preservation
- Cost savings (per ton diverted to reuse markets)
- Climate action (SB 1383)
- Circular (local) economy



# Update and Strengthen Current Incentive Rate Structure

- For business and multi-family properties
- Require higher recovery rates to receive recovery discounts
- Add Recology Waste Zero FTE



# Add Medicine Collection at District Cleanup Events



**Include Residential (1- 5 units) Audits, Outreach and Contamination Charges**

Source: Mark Boyer

**SFE**



**Include Adequately  
Funded Outreach to  
meet Community  
Needs**

# Jurisdiction Responsibilities

**Provide Organics  
Collection Services to All  
Residents and Businesses**



**Conduct Education and  
Outreach to Community**



**Secure Access to  
Recycling and Edible  
Food Recovery Capacity**



**Establish Edible Food  
Recovery Program**



**Procure Recyclable and  
Recovered Organic  
Products**



**Monitor Compliance  
and Conduct  
Enforcement**



**Senate Bill (SB) 1383 Reducing Short-Lived Climate Pollutants**

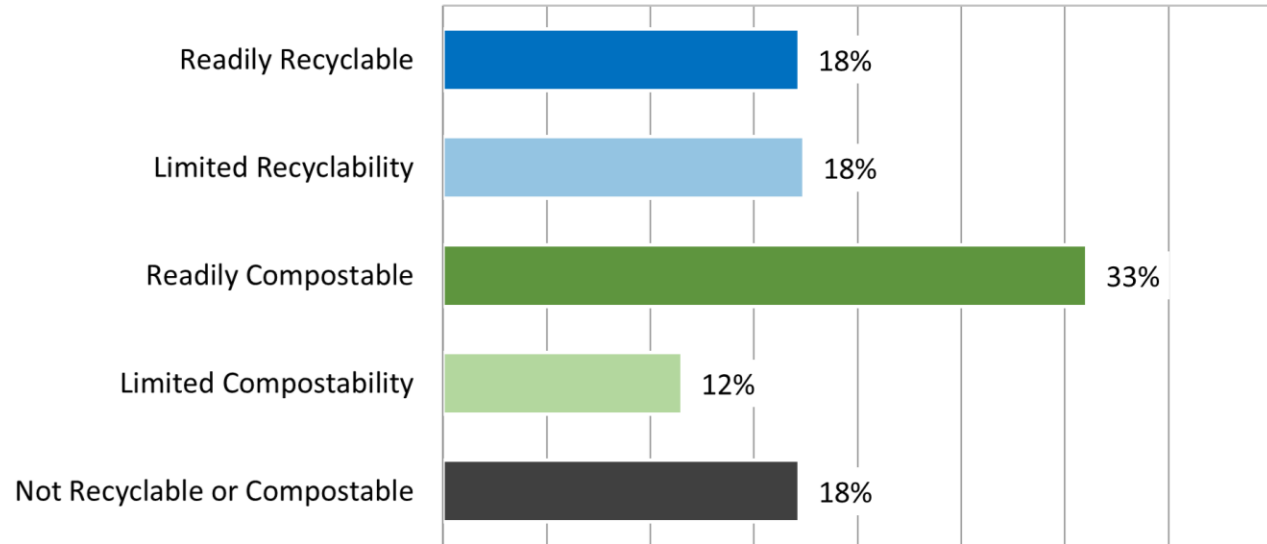
Recology needs to Improve Separation Compliance and

Investigate Trash Processing Options

to meet 2030 Zero Waste Targets



## Characterization of Recology Curbside Trash\*



\* 2020 Covid impacted

# Highlights from Last Refuse Rate Year





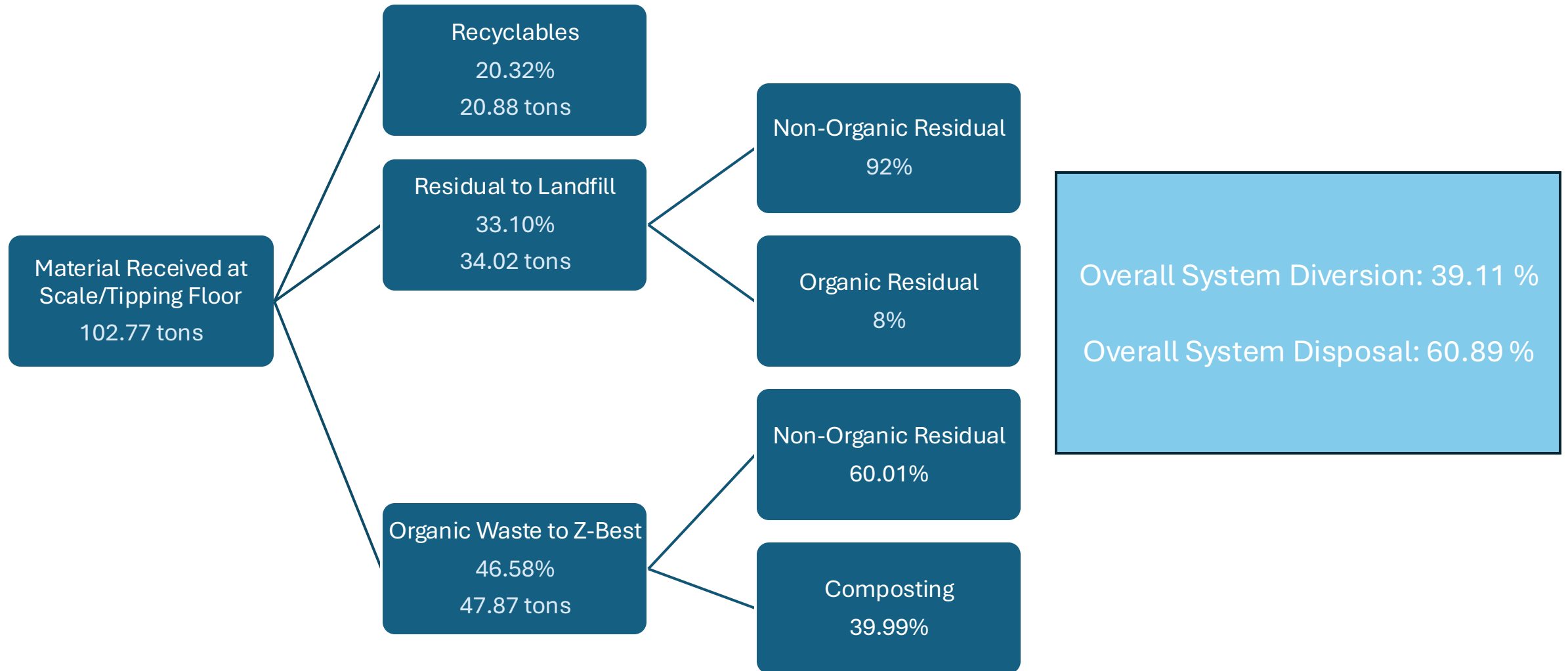
# Trash Processing at Greenwaste

Potential to reduce  
what is sent to landfill  
by at least 39%

# Greenwaste Charles Street + Z-Best

## City of San Francisco Organics Audit 2024

### Organics Materials Mass Balance





# Waste Characterization Study

- Sampling underway
- Report complete Dec 2024



# Green Business Program

- Certified 97 business

**Battery recycling**  
回收電池現在就在你  
Reciclaje de pilas



# Battery Collection and Recycling Outreach

Procured New  
Management for  
Building Material  
Reuse Center  
- 602 tons/year



# Commercial Reuse Program

- Small businesses (92) up to \$700
- Dishwashers (9) up to \$2,500
- Institutions (3) up to \$5,000

SFE



Source: SFE staff



Source: Excelsior Strong

# Edible Food Recovery

- Required by state law SB 1383
- Completed 450 inspections
- Recovered over 4,600 tons of food (CY 22-23)
- Eliminated 5,152 mtCO<sub>2</sub>e



# Fix-it Clinics

- Hosted 13 Events
- 346 items repaired
- Over 330 residents attended

SFE



# Thank you!

**Alexa Kielty**  
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San Francisco Environment Department  
[SFEnvironment.org](https://SFEnvironment.org)



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