



Minneapolis Zero Waste
2019 – 2021 Implementation Plan Update

 www.minneapolismn.gov/zerowaste March 8, 2018

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Zero Waste Plan Timeline

Fall 2014	Zero Waste Summit (Walker Methodist Church)
Spring 2015	City adopted recycling goal & initiated zero waste plan development <ul style="list-style-type: none"> • 50% recycled or composted by 2020 • 80% by 2030
Spring 2016	Convened Community Stakeholder Meetings (prior to plan development)
Spring 2016 – Spring 2017	Commercial Waste Collection Study
Summer 2017	Drafting of Zero Waste Plan
December 2017	Zero Waste plan adopted by City Council
Fall 2017	Community stakeholder meetings (comments to draft Zero Waste Plan)
Spring 2018	Develop 2019-2021 Zero Waste Implementation Plan

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Zero Waste Plan sectors

- Residential
- Commercial, Multifamily, Industrial
- Institutional
 - Hospitals & nursing homes, schools, Minneapolis Public Housing, other governmental
- City Operations
- Public Space
 - Parks, events, mobile food vendors, quasi-public spaces
- Construction and Demolition Debris



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Pathway to zero waste



- Prioritize Strategies for Implementation:
 - Increased Diversion Potential
 - Difficulty of Implementation
 - Ongoing Costs to the City

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Cross sector strategies

- Conduct waste sorts
- Encourage waste reduction and reuse
- Allocate resources for education and outreach
- Clarify City departmental responsibilities
- Establish sustainable program funding



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Existing ordinances / laws

- [City Commercial recycling ordinance](#) (Sept. 2011)
 - Requires adequate containers for at least those materials as recyclable in the building
 - Distribute written information to each business or commercial use located in the building on at least an annual basis
 - Enforced by Fire Inspectors
- [State law](#) (Jan. 2017)
 - Requires collection of at least 3 materials by businesses that generate 4 cubic yards of garbage per week

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Existing ordinances / laws (cont.)

- [Green to Go ordinance](#) (April 22, 2015)
 - Requires food prepared for immediate consumption to be packaged in items that are reusable, refillable, recyclable, or compostable
 - Also includes a requirement to collect and properly dispose of packaging items used for food service. (Ex. If have compostable plastic cup, then must have organics collection container.)
 - Enforced by Health Inspectors during annual inspections.
 - When businesses inform Health Inspectors the building does not have recycling (or organics), the Health Inspectors notify Fire Inspectors to enforce commercial recycling ordinance.

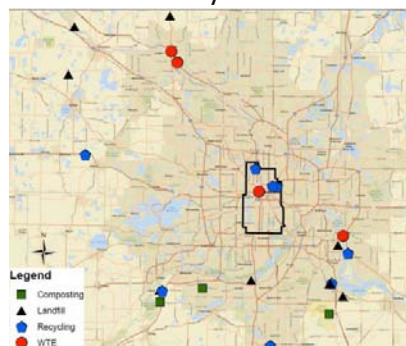


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Baseline program

- Know facilities where waste can be brought to
- Know who is licensed to collect waste
 - Approximately 80 licensed haulers
- Good data for residential (1-4 units)
- Do not have data to determine baseline for CIM sector

Solid Waste System Facilities



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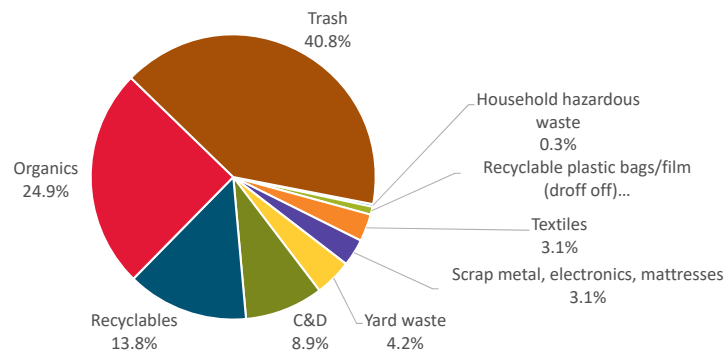


Residential data

(Minneapolis Solid Waste & Recycling)

- 2017 Diversion rate: 37%

Composition of Minneapolis Residential Trash (2016)

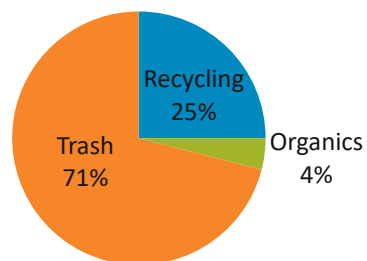


Sort was completed prior to organics roll-out completion.

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Commercial Data

- Per State law, haulers are to report garbage, recycling, and organics (including yard waste) tons collected by City to the Minnesota Pollution Control Agency monthly.
- Many haulers are not yet in compliance with reporting requirements.
- As of 3.5.18, 33 haulers have submitted at least one report for 2017.



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CIM strategies in Zero Waste Plan

- Waste sorts (develop baseline)
- Ad Hoc Committee
- Consistent signage
- Targeted outreach and assistance
 - Hennepin County grants
 - Additional resources from the City?
- Additional resources for education and outreach
- Enforcement of existing ordinances
- Waste diversion and recycling plans



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Ad Hoc CIM waste committee

- Discuss ways to obtain data and improve current diversion and recycling programs
- First meeting Feb 20, 2018
 - Large and small business, multi-units, haulers, County, UMN, and City representatives
 - Items discussed include:
 - Data: what's available, what's needed
 - Goal: is it realistic?
 - Challenges for commercial sector
 - Large versus small business
 - Multi-family
 - Education and outreach

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Challenges for commercial sector

- Differing service levels needed for each waste stream
 - Container sizes
 - Collection frequency
- Tenant and customer education
 - Large businesses
 - Small businesses
- Responsibility to provide collection services
- Data
 - Make reporting simple but meet the needs of the City to show progress towards meeting goals

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Next Steps

- Continue to work with stakeholders of all sectors to understand challenges and concerns to address appropriately in Implementation Plan
- Determine priority strategies to include in 2019-2021 Implementation Plan
- Zero Waste Implementation Plan to Council in June 2018

Zero waste plan, stakeholder comments, and more can be found at:

www.minneapolismn.gov/zerowaste





Questions?

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