

Food Waste Recycling Proposal

Prepared for the City of Novi

Prepared by: My Green Michigan

Food Waste Recycling & Sustainability Services

Program Overview

My Green Michigan is pleased to submit this proposal to provide **food waste recycling services** for the City of Novi. This program is designed to divert organic material from landfill disposal, reduce greenhouse gas emissions, and provide real-time transparency through digital sustainability reporting and service tracking.

Scope of Services

Food Waste Collection

- **4 – 64-gallon food waste carts**
- **Weekly scheduled collection**
- Food waste transported to a licensed composting facility and processed into beneficial soil amendments.

Compostable Bin Liners

- Compostable liners provided for each cart
- **Liners are replaced weekly** by the driver at the time of service.
- Supports cleanliness, odor control, and operational efficiency.

Pricing

One-Time Fees

- **Cart delivery:** \$20.00 per bin.
 - 4 bins × \$20.00 = **\$80.00 (one-time)**

Monthly Service Fees

Includes weekly food waste collection and compostable liner replacement.

- **Single collection location: \$310.50 per month**
(All four carts serviced at one location)

- **Two separate collection locations: \$334.00 per month**
(Four carts serviced across two locations)

Optional Add-On Service

Cart Washing Service (*Optional*)

- Available beginning **March**.
- **\$15.00 per bin per month**
- 4 bins × \$15.00 = **\$60.00 per month** (if elected)
- Enhances sanitation, reduces odors, and extends cart lifespan.

Estimated Annual Environmental Impact

Annual Food Waste Diversion (Estimated)

Assumptions (municipal average):

- Average weight per 64-gallon cart: **250 lbs. per week**
- Four carts collected weekly.
- Fifty-two collections per year

Estimated Annual Diversion:

- 250 lbs. × 4 carts × 52 weeks = **52,000 lbs. annually**
- **≈ 26 tons of food waste diverted from landfill each year.**

Greenhouse Gas Emissions Reduction (Estimated)

Diverting food waste from landfill to composting avoids methane emissions, a potent greenhouse gas with a significantly higher climate impact than carbon dioxide.

Estimated Annual Emissions Reduction:

- **~80–95 metric tons of CO₂e avoided annually.**

Environmental Equivalents:

- Removing **17–20 passenger vehicles** from the road for one year
- Avoiding emissions from **100,000–120,000 vehicle miles driven**

Actual diversion and emissions reductions will be measured, verified, and reported through My Green Michigan's sustainability reporting platform.

Client Portal & Reporting Transparency

The City of Novi will have access to the **My Green Michigan online client portal**, which provides:

- **On-demand sustainability reports**, including:
 - Pounds and tons of food waste diverted.
 - Greenhouse gas (CO₂e) emissions avoided.

- Monthly and annual environmental impact summaries
- **Collection day service**, including:
 - **Live driver location tracking** on scheduled collection days
 - Confirmation of completed service
- **Exportable reports** suitable for:
 - City sustainability reporting
 - ESG and climate action initiatives
 - Public communications and internal benchmarking

Program Benefits

- Reduces landfill disposal and methane emissions.
- Provides measurable, reportable sustainability outcomes.
- Offers real-time service visibility and accountability.
- Supports City of Novi environmental and waste-reduction goals.
- Optional cart washing improves sanitation and operational efficiency.

Next Steps

Upon approval **with a signed General Service Agreement**, My Green Michigan will:

1. Schedule cart delivery
2. Confirm service locations and start date.
3. Provide staff guidance on acceptable food waste materials.
4. Activate client portal access.
5. Weekly food waste collections begin.

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