

HALIFAX

Overview of New Composting Facility Project

Western Common Advisory Committee

September 14, 2022

2022-09-08

Agenda

- Background:
 - Organics Management Strategy
 - 61 Evergreen PI Property
 - Community Integration Fund
- Project
 - Award
 - Facility Design
 - Current Status



Background

Organics Management Strategy

Existing Program



Ragged Lake Composting Facility
61 Evergreen Pl



Green Carts - 1999



Burnside Composting Facility
80 Gloria McClusky Ave

Organics Management Strategy

Timelines:

- 2014 Strategy Review
- 2014/2015 Business Case
- 2016 Public Engagement
- 2017 Regional Council approved the Organics Management Strategy

**SHAPE YOUR
CITY**
get engaged!

Organics Management Strategy

Key Strategy Points:

- ✓ Environmental protection is paramount
- ✓ Proven technologies/teams will only be considered
- ✓ Existing composting facility sites will be used for new development
- ✓ Cost will not be the only deciding factor

Compost Matters



HALIFAX

Organics Management Strategy

61 Evergreen PI:

- ✓ Property at 61 Evergreen Place expanded to allow for development of the new facility
- ✓ 2018 amendments to planning policies and by law approved by Regional Council
- ✓ This included establishment of a \$1 million community integration fund

Organics Management Strategy

Community Integration Fund:

- ✓ \$350k for the development of the Western Common Wilderness Common
- ✓ \$325k for the Prospect Road Community Centre
- ✓ \$325k to allocated through community consultation

Project

Project Award

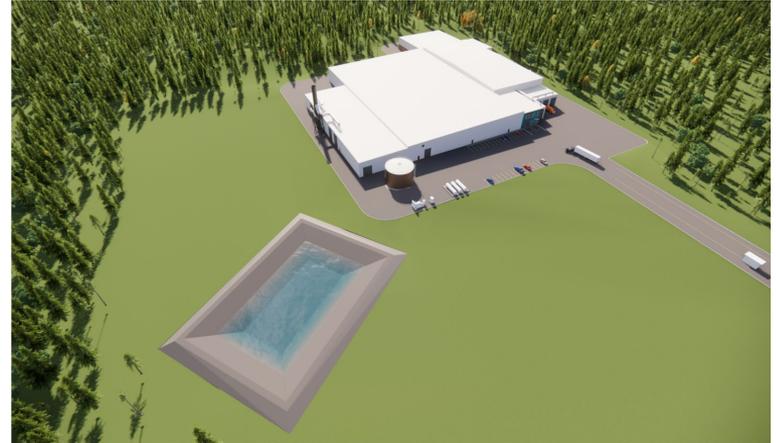
- Dec 2020 Regional Council awarded 25 year agreement to Harbour City Renewables (HCR)
- State of the Art facility based on proven experience
- Approximate costs: \$450 million over 25 years



Calgary Composting Facility
Source: maple.ca

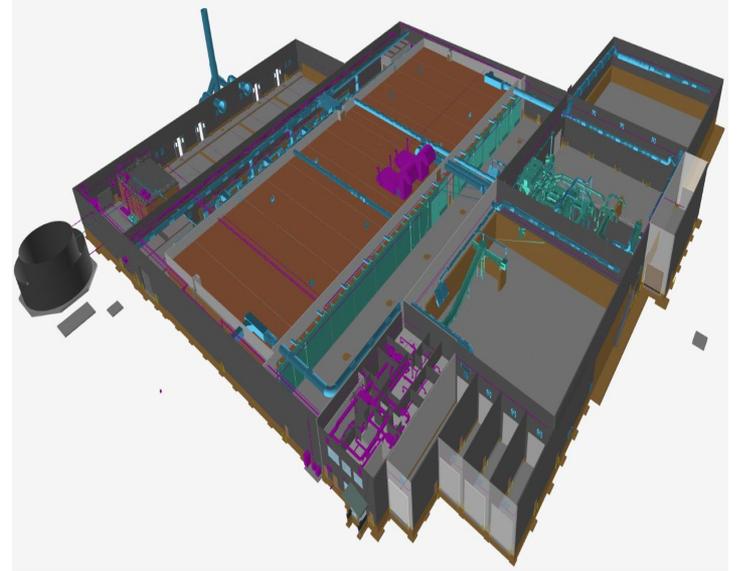
Facility Design

- ✓ Advance odour mitigation system
 - Completely enclosed, negative pressure
 - Airlocks for entering/exiting facility
 - Multi-stage odour treatment system
- ✓ Water negative
 - No municipal water/sewer connections

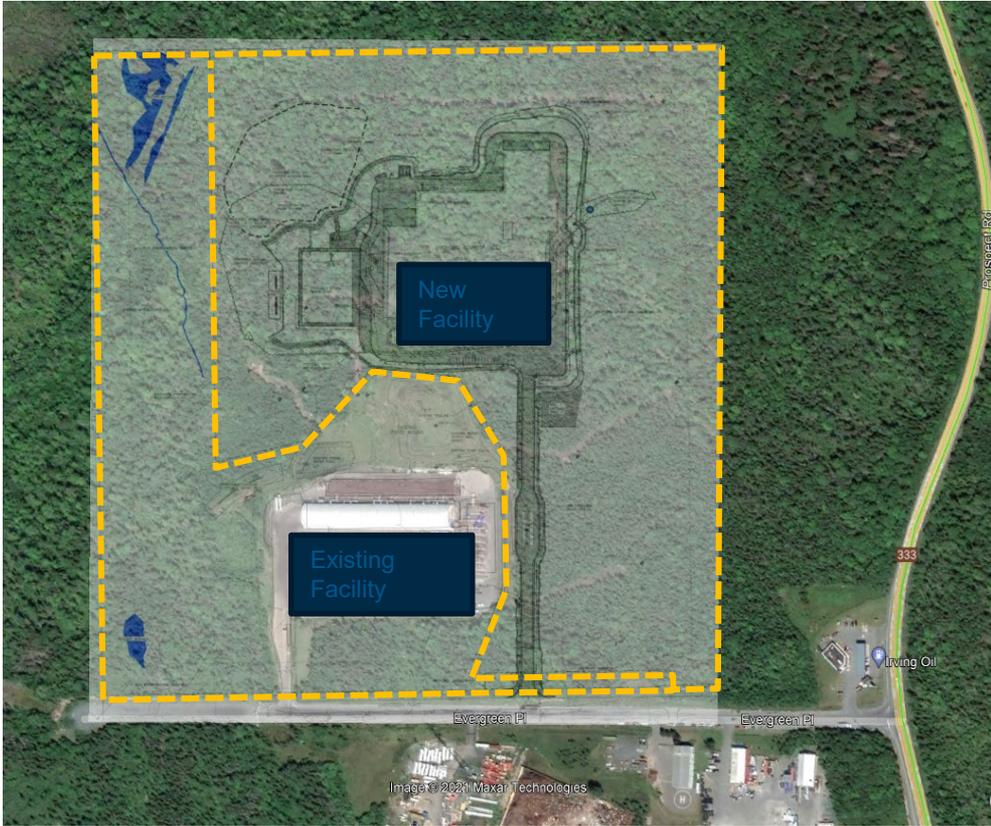


Facility Design

- ✓ Secondary containment liner underneath facility
- ✓ Energy efficient utilizing heat from compost process
- ✓ Advanced process and screening system resulting in superior compost quality



Facility Design



Current Status

- ✓ Construction initiated in 2021
- ✓ Planned commissioning fall/winter 2023/2024
- ✓ Proceeding under Construction Approval issued by NS Environment and Climate Change
 - Completed additional public consultation in Summer 2021
- ✓ Project information provided on: Halifax.ca/NewOrganicsFacility





Thank You