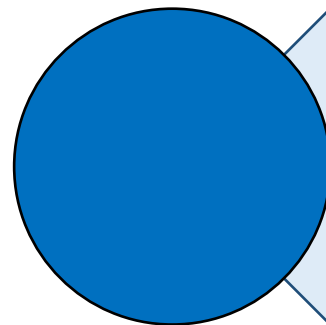
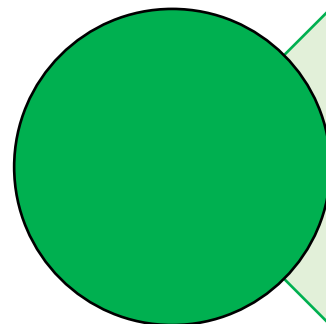




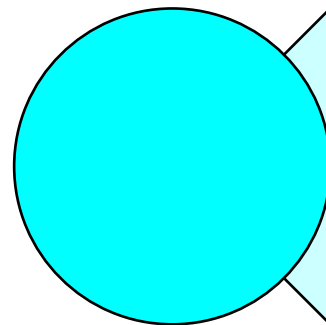
## **2023 Environmental Operations Solid Waste Update**



Blue Box  
Transition



Organic Waste  
Program



Recycle Coach

Ministry of the  
Environment, Conservation  
& Parks (MECP)

Resource Product &  
Recovery Authority (RPRA)

Producers

Producer Responsibility  
Organizations (PRO)

Ontario Municipalities &  
First Nations

Residents

# BLUE BOX STAKEHOLDERS

# BLUE BOX PROGRAM COLES NOTES

2002

Bill 90 passes as the Waste Diversion Act, where Industry Stewards are responsible for their own product.

2016

Resource Recovery and Circular Economy Act and Waste Diversion Transition Act approved by the MECP. This establishes a provincial common collection system where producers are responsible for their materials.

Resource Productivity and Recovery Authority (RPRA) created to enforce the provincial laws.

July 1, 2023  
to December  
31, 2025

Ontario municipalities transition residential blue box programs from industry stewards to producers.

# COUNCIL DECISIONS and UPDATES

**January 14, 2020**

- Council presentation where staff highlighted new changes to the residential Blue Box program.
- Council Resolution was made for Haldimand County to transition to full producer responsibility.



# COUNCIL DECISIONS and UPDATES

## October 2021

- [ENV-M01-2021](#) memo to Council reported Haldimand's transition date as January 1, 2024.
- Details of the Initial Report that was submitted to RPRA regarding eligible versus ineligible properties.

# BLUE BOX TRANSITION TIMELINE

Winter 2021	August 31, 2022	Fall 2022	January 1, 2024
<ul style="list-style-type: none"><li>• PRO's:<ul style="list-style-type: none"><li>◦ Circular Materials Ontario (CMO)</li><li>◦ RYSE Solutions Ontario (RYSE)</li><li>◦ <i>Resource Recovery Alliance (RRA)</i></li></ul></li></ul>	<ul style="list-style-type: none"><li>• Haldimand County submitted a Transition Report to RPRA</li></ul>	<ul style="list-style-type: none"><li>• Industrial Commercial and Institutional (IC&amp;I) collection:<ul style="list-style-type: none"><li>◦ continues until December 31, 2025?</li><li>◦ what happens as of January 1, 2026?</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Haldimand County residential blue box program transitions to producers</li></ul>

## **Haldimand County's Responsibilities**



**Collaborate with Customer Service & Communications division to design and implement a promotional and educational campaign.**



**Drafted a new by-law that excludes recycling.**



**Explore and present alternative options for ineligible properties.**



**Confirm addresses of ineligible properties.**



**Contract management – expire or amend.**



**Continue to attend workshops and update SMT/Council.**



# Producer Responsible Organization Responsibilities

- Agreement in place with Service Provider for curbside collection
- Transition January 1, 2024
- Supply recycling containers
- Promotion and education
- First point of contact for recycling issues, questions, concerns and containers
- No changes to the current program for eligible properties until full Provincial transition January 1, 2026

# Blue Box Financial Impacts

- Current Net Levy Requirements to Fund program are approximately \$1.0 million or 1.7% of the municipal levy
- Offsetting revenues can fluctuate significantly:
  - Approved RPRA grant funding has increased from \$580,000 in 2019 to \$750,000 in 2022
  - Annual Blue box sale of materials fluctuates with market and commodity price changes; have ranged from \$170,000 to \$450,000 over past 4 years
- Move to full producer responsibility will eliminate the current levy requirements for this program
- Unintentional impacts could influence the anticipated savings (increased solid waste collection, funding for ineligible properties, increased administration, etc.)

# Implications post Transition

- New program province wide as of 2026 for eligible properties which includes household dwellings, schools, retirement and long term homes (20,616)
- Ineligible properties including farms, commercial, industrial, institutional, special / exempt and government (775) are left with no curbside blue box collection program
- Solid Waste Technologists (two) are in the process of transitioning to various water & wastewater legislated duties that are currently understaffed and lacking redundancy

# Organics Program

2018 Food and Organic Waste Policy Statement from Ontario stemming from Resource Recovery and Circular Economy Act, 2016

Curbside collection program to start as of 2025 for municipalities with population of 50,000 AND population density greater than, or equal to, 300 persons per square kilometer.

- Population currently 49,200\*
- Population density 40\* persons per square kilometer

\*Statistics Canada Census 2021

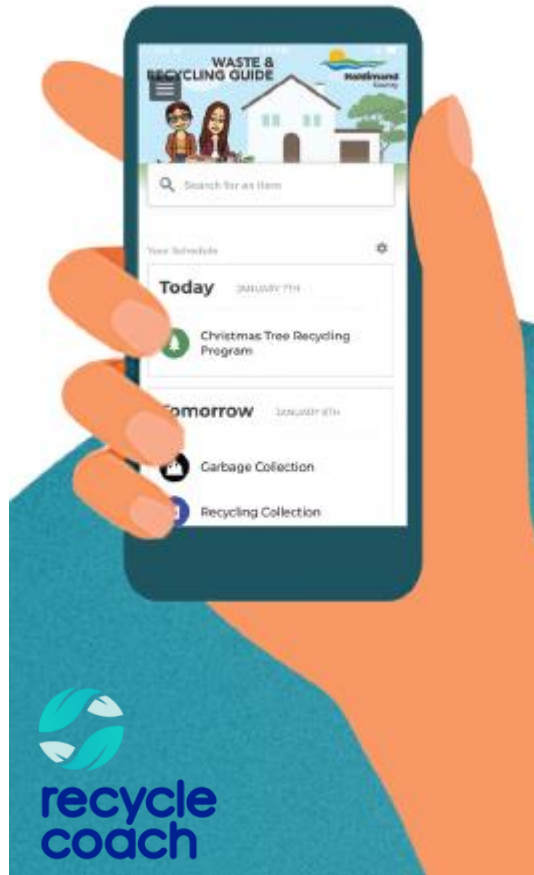
Municipalities that do not meet the requirements, must concentrate on leaf and yard waste collection, home composting and food waste education.

Haldimand County currently meets these requirements.

# Implications of Organics Program

- If Council decides to explore a curbside organic program the following needs to be considered:
  - Cost of program?
    - Based on the Municipality of Muskoka's 2022 organics program pricing it would cost us:
      - \$773,000 to supply and deliver organic bins
      - \$2,100,000 to collect organics per year
      - Based on these estimates, the tax levy will increase 2.8% for collection alone; this is more than double the current net cost of the Blue Box program – this excludes any start-up or processing costs
  - Are there available processing facilities in the Province?
    - Based on industry discussions there currently is not enough space in the Province
  - If an Organics Program is brought forward, reducing the amount of garbage bags should be considered

# Communication Tool



What Goes Where – full version (400+ materials)

**\*NEW\*** Image Recognition for What Goes Where

Multiple Calendars (Events, Bulky, Leaf + Yard Waste)

Advanced Report-a-Problem

In-App Notifications





**Thank you**  
*QUESTIONS?*