



County Organics Program



Douro Dummer
March 19, 2024

Why Implement a County Organics Program?

- Initiative outlined in the County's Waste Management Master Plan
- Will allow County to meet our goal of 60% diversion by 2030
- Could extend lifespan of our landfill by 2-3 years
- There is resident demand
- Many neighboring municipalities have implemented successful programs
- The province may ban food waste from landfill by 2030
- Will significantly reduce the County's greenhouse gas emissions
- Opportunities for efficiencies with other material collection



Option 1. Curbside Organics Program



- Weekly curbside collection
- Current residential and commercial properties
- Purchase and deliver green bins & kitchen catchers
- Organics processed at City organics facility
- Could be co-collected with other materials, resulting in lower impacts on roads

Option 1. Curbside Organics Program



Pros

- Familiar, less of learning curve, less work
- More items (pet waste, fats and grease)
- Easier to measure diversion
- Encourage partnership with City
- Could co-collect with other materials

Cons

- More expensive
- Potential for more GHG emissions
- Not every resident can participate
- Wildlife concerns

Option 2. Countertop Composters

- Provide countertop composters to all households
- RFP to include delivery, customer service, extended warranty, maintenance
- Extensive ongoing promotion and education
- Phased in over suggested 3-year period



Option 2. Countertop Composters

Pros

- Least expensive option
- Lower GHG emissions, less impact on roads
- Residents can benefit from bi-product
- County would be a leader-first in Ontario
- Less wildlife concerns
- All households could participate
- Not contingent on garbage upload study
- Very positive results from pilot programs

Cons

- Less items (pet waste, fats and grease)
- More education needed
- May be considered more work
- Harder to measure diversion
- Units will need to be replaced



Option 3. Hybrid

- Combination of curbside and countertop composters (for residents that don't have collection)
- Could be co-collected with other materials



Option 3. Hybrid

Pros

- All households could participate

Cons

- Most expensive
- Different programs could cause confusion
- Households may want to participate in a different program than available to them

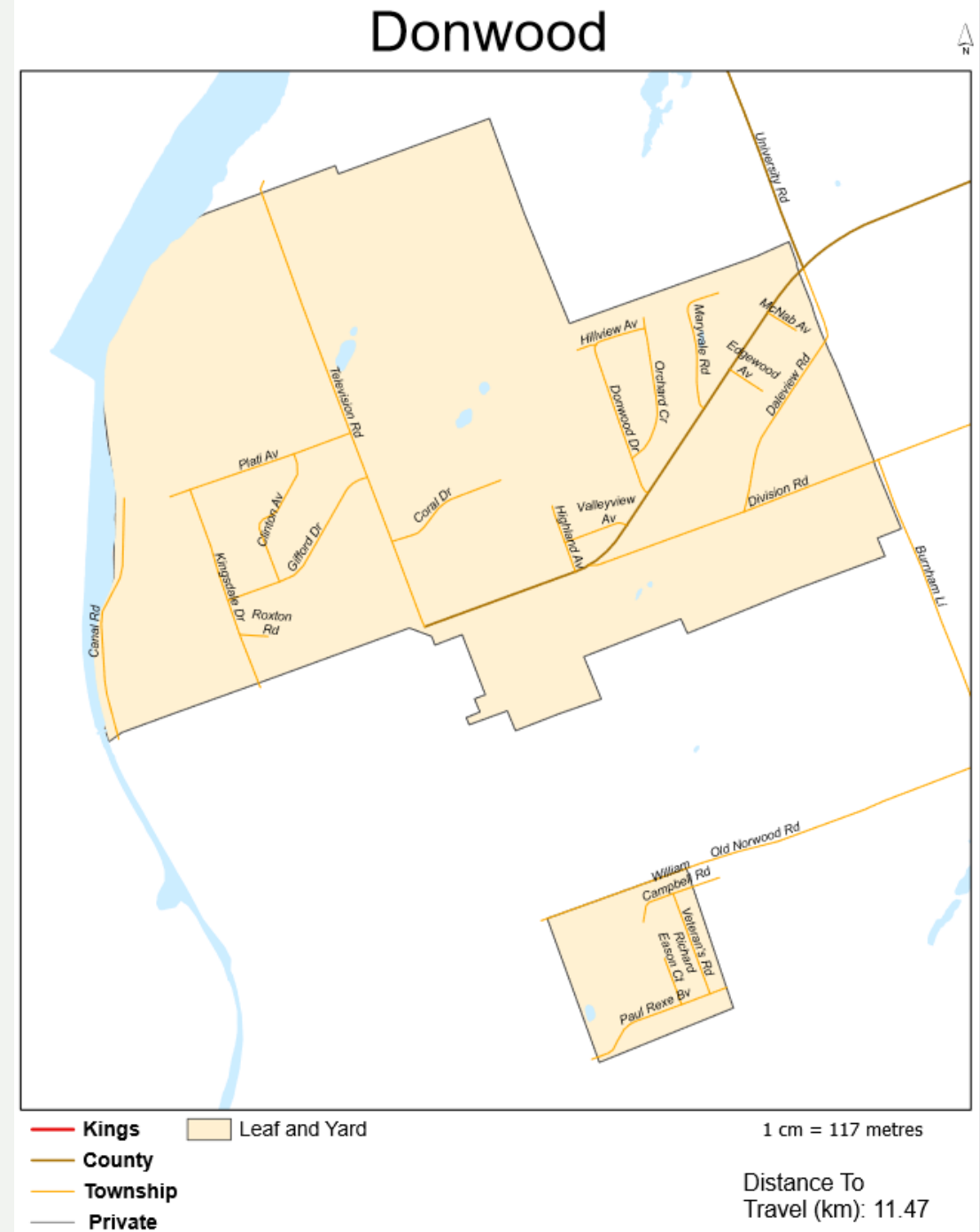


Option 4. Urban Area Collection Only

- County Council suggested option-not recommended by staff
- Curbside collection in urban areas
County currently collects leaf and yard waste (7,250 households)
- In Douro Dummer this would include Donwood
- Diversion could be up to 1,200 tonnes per year if full participation



Option 4. Urban Area Collection Only



Option 4. Urban Area Collection Only

Pros

- Least expensive option

Cons

- Lower diversion/minimal landfill site life extension
- Low participation rate
- Customer service challenges/frustration
- No efficiencies/Economies of Scale





Considerations

- Participation would benefit greatly if garbage collection reduced to every other week
- Strong promotion and education program required for all options
- Spring/summer start up time ideal
- Continue to offer Molok drop off

Financial Impact

- Estimates-true costs unknown until RFP
- May be funding opportunities to offset
- First year implementation costs highest

Average Annual Cost for first 10 years					
Option 1. Curbside Organics Only	Option 1. Curbside Organics with Garbage	Option 2. Countertop Composter s	Option 3. Hybrid Organics Only	Option 3. Hybrid Organics with Garbage	Option 4. Urban Area Collection Only
\$3,190,000	\$2,279,000	\$1,879,000	\$3,697,000	\$2,787,000	\$879,000



Conclusion

- County Waste Management Committee has recommended County Council Consider Option 1. Curbside Organics Collection
- County Council looking for Township feedback before making any decision

Public Works - Waste Management
Kerri Snoddy, Manager of Waste Management
Re: PPW 2024-04 County Wide Organics Options Review
Resolution No. 58-2024

Moved by Councillor Armstrong
Seconded by Councillor Graham

That Report PPW 2024-04, County Wide Organics Option Review, be received;

That County staff be directed to present to the local municipalities (to coincide with waste upload study presentation date), requesting a motion from each Council be sent to County Council indicating either a) or b) below:

1. That the Township supports the County continuing to investigate a County Wide Organics Program and provides direction to the County as to what methods of organic collection they would like considered, including curbside for all, curbside for urban only, or other considerations;

or

2. That the Township does not wish to proceed with a County Wide Organics Program; and

That County staff report back to County Council with respect to a County Organics Program options at the same time as the report back for a decision with respect to the garbage upload study engagement results with the Townships and referral to implementation phase costing, if applicable.

Carried