

Waste & Recycling Collection Information Session

Saturday, June 24th, 2017



Maberly



Glen Tay



Stanleyville

Welcome



Agenda

- Welcome
- Presentation
 - Why Collection now?
 - Regulatory Framework
 - Changes to and the Future of Operations
 - Waste & Recycling Collection
- Survey
- Next Steps
- Public Comment\Question Period

Why Collection Now?

- In review of current operations staff discovered Waste & Recycling Collection was worth investigation
- Collection is a service provided in Rideau Lakes Township to the south and Drummond North Elmsley Township to the east as well as other local rural municipalities
- Council proposed offering this service to residents based on recommendations from the Age Friendly Survey and comments made to staff
- Now is the time because of the Recycling Management changes at the Provincial level

Regulatory Framework

- Environmental Protection Act (1990)
- Ontario Regulation 232/98
- Bill 90 – Waste Diversion Act (2002)
- The evolving tonne:
 - newsprint once 80% of tonnage is now less than 25% and 10% in rural areas
 - new package formats – light weighting – lifestyle
 - fiber evolution – home shopping
 - internet deliveries in Old Corrugated Cardboard (OCC)
- Bill 151 – Waste Free Ontario Act (2016)



Regulatory Framework

- **What does this mean for municipalities?**
 - Bill 151 → The Waste Free Ontario Act states that producers will have to pay 100% of the collection costs of their materials instead of the less than 50% that they currently pay
 - Each municipality would need to negotiate with the producers in order to receive 100% reimbursement from the producers.
 - Eastern Ontario Coalition (high percentage have waste & recycling collection)

***Continuous Improvement Fund and Association of Municipalities of Ontario strongly advise to
“Know your Costs”!***

Operational Changes to Date

Glen Tay Changes

Savings Per Year

▪ One Day Waste Cover	\$8,700
▪ Compactor Fully Utilized	\$8,800
▪ Increase C&D Revenue	\$24,000
▪ Monitoring and Engineering	\$25,000
TOTAL SAVINGS	\$66,500/year



Proposed Operational Changes

- Sale of organic composters
- Compactor purchase and installation
(second compactor = no open bin = cost savings)
- Easier recycling - change to 2 stream from 4
 - ↳ fibers (cardboard/paper)
 - ↳ containers (plastic & glass containers/cans)
- Reduction of Bag Tags issued per household 40-30-20-10 →
elimination of waste/blue box exchange program
- Shingle diversion
- Ramp improvements



Municipal Collection Options

➤ In-House

- reallocation of personnel
- purchase of trucks and containers for waste site and/or modify compactors
- flat rate as low as \$50/year per household

➤ Contracted Out

- compactor trucks dump directly onto site = required to cover each day instead of once per week (increased cost)
- flat rate for each household - Drummond/North Elmsley (\$127/household)
- less flexibility to alter service as program matures
- contractor responsible for staff, vehicles, maintenance and repairs

Potential Collection Costs

➤ Waste & Recycling Collection

- Truck Cost Example @ \$140,000/truck
 - Loan Repayment (10 years) \$18,000/year
 - Depreciation (10 years) \$14,000/year



TOTAL \$32,000/year per truck

Note: after 10 years payment drops to \$14,000/year

- reserves take over the re-purchase
- loan no longer needed

Potential Collection Costs

Collection

▪ Purchase of two trucks	\$64,000/year
▪ Waste Site Bins or Compactor Modifications	\$15,000/year
▪ Operating costs (repair, fuel and insurance)	\$42,000/year
▪ Increased Labour	<u>\$50,000/year</u>
TOTAL	\$171,000/year

Potential Collection Cost Recovery Options

➤ **Collection – Flat fee**

- As low as \$50.00 per household

OR

➤ **Collection – Pay as you Throw**

- \$2.00/bag

Public Concerns About Collection

➤ Animals

- other rural municipalities have collection and have mitigated issues
- address by setting out waste & recycling on the morning of collection
- placing waste & recycling in a container (ex. garbage can)

➤ Pick-Up Point for Private Roads

- proposal is to start with pick-up at the end of private roads in a designated area as is done in Drummond/North Elmsley and Rideau Lakes without municipal bins

Collection Options

- The initial proposal would be that waste and recycling will be set out on the morning of collection days by:
 - permanent residents on public roads
 - permanent residents on private roads
 - seasonal “summer” residents

 - seasonal “weekenders” and those who cannot set their waste & recycling out on the morning of collection day can take it to the Glen Tay Waste Site

- Collection routes may be expanded in the future
 - expansion on a case by case basis

Why is Collection Possible?

- Reallocation of Personnel
 - suspend operations at Stanleyville & Maberly Sites
 - Glen Tay open Saturday, Wednesday & Sunday, Monday in the Summer
 - 2 employees 2080 hours/year on trucks
 - 2 employees 1500 hours/year at Glen Tay
 - 0.5 employees as required

- For a 1500 to 1700 hours per year increase in operator time we could consider collection.

- Alternately at Status Quo - all sites remain open - to consider collection would be an additional 4200 hours.

Potential Collection Summary

- Collection is proposed to provide a higher level of service to residents
- Collection would put the Township in the best position to take advantage of the Provincial change to a Circular Economy for waste management
- Costs could be covered by a pay as you throw system or a flat fee of approximately \$50 per household
- Collection would be on Public Roads
- It may progress from there as the program matures
- Now we have the opportunity to get your input

Survey

Township Survey

- Available at the Municipal Office or on the Township Website
- Hard copies are available at today's Information Session
- Deadline to submit – July 20, 2017 at 12 Noon
- Council will use feedback from the survey to guide their decisions

Next Steps

Next Steps

- August 1 – Committee of the Whole Meeting
 - survey responses will be summarized and brought forward
 - Council will determine whether to continue with investigating the implementation of collection or not

Next Steps

- If Council decides to proceed with investigating implementation of collection the following will be required:
 - Further study into collection
 - routes – Provincial, County, Municipal and Private
 - in-house versus contracted
 - no collection
 - Investigate other varieties of collection trucks
 - transport recyclables directly to material processors
 - Develop agreements with local material recovery facilities
 - Renfrew, Kingston, others
 - Pay-as-you-throw or flat fee
 - pay for amount of waste you dispose of
 - recyclables remain at no charge

Public Comment/Question Period