

Corporation of the Town of Hawkesbury

Recommendation to Council

N° : 2022_REC_60

File N°:

Date of meeting: September 12, 2022

Subject: Waste Management By-Law Review

Recommendation

Whereas the Strategy for a Waste-Free Ontario states that municipalities “will need to have regard to the provincial interest and will need to be consistent with any applicable resource recovery and waste reduction policy statements”, and;

Whereas Ontario’s Food and Organic Waste Policy Statement states that municipalities “shall provide for the *resource recovery of food and organic waste* through means such as home composting, community composting and local event days” and “shall provide promotion and education materials to residents that support and increase participation in *resource recovery* efforts available to residents of their community”, and;

Whereas the Town of Hawkesbury is currently the only municipality of the United Counties of Prescott-Russell to have set no limits on garbage disposal and has, as a consequence, seen an increase of excessive dumping, and;

Whereas the current Waste Collection and Disposal Agreement with Gilles. R. Mayer Sanitation Ltd will expire 31 December 2022 and the negotiation of a new agreement should be based on an updated waste management strategy, and;

Whereas reducing the waste we generate, diverting waste from landfills and recycling valuable resources from our waste stream into new goods can all significantly contribute to reducing GHG emissions.

Be it resolved to receive this report and to adopt a new by-law (replacing By-law N° 86-96) to regulate the storage, collection, removal and disposal of residual waste in the Town of Hawkesbury at the next Regular Meeting of Council, as recommended in the document 2022_REC_60.

Explanation, history, context

The Town of Hawkesbury's current waste management system is outdated in comparison to neighbouring municipalities with respect to several specific waste diversion strategies.

Waste Diversion Strategy		Current – Hawkesbury	Common Practice – Neighbours
Collection	Garbage	Yes	Yes
	Recyclables (blue box)	Yes	Yes
	Organics or yard waste	No	some
	Bulky	Yes	Yes
Disposal limits	Garbage	No	Yes
	Bulky	No	Yes
Disposal bans	Recyclables	No	some
	Organics	No	No
	Yard waste	No	No
	Electronics	No	some
	Hazardous waste	Yes	Yes
	Construction & Demolition	No	some
Promotion and Education	Promote producer responsibility recycling programs	No	some
	"What goes where" tool or consolidated source of info	No	Yes
	Home composting	No	Yes
	Grasscycling and leaf mulching	No	some
	Trade days	No	some
Incentivization	Subsidized waste diversion initiatives (home composters, reusable diapers, mulcher, etc)	No	Yes

Note: the comparison is drawn with neighbours in UCPR & SDG. "Yes" means most or all neighbours, "some" is ½ or less.

As a numerical comparison, data summaries of waste diverted are provided by the Resource Productivity and Recovery Authority (RPR) annually. Hawkesbury's data is submitted as part of the Hawkesbury Joint Recycling along with East Hawkesbury and Champlain. The Hawkesbury Joint Recycling are currently the "municipality" with the worst waste diversion rate in Ontario's South - Rural collection group at 17.2% in the 2020 Datacall - residential waste diversion summary. This is compared to the municipal group average of 34.3% diversion and a provincial average of 49.5%.

Given these comparisons and given excellent examples of waste diversion strategies Hawkesbury could adopt from neighbouring municipalities, it is recommended to begin by setting rigorous definitions of waste types, as well as disposal limits and bans, in the proposed by-law as a first step towards establishing proactive waste diversion strategies. The disposal limits and bans outlined in the proposed by-law are not to be enforced immediately, but rather as a gradual transition and in combination with a thorough communications campaign.

With respect to the organic waste stream, while Hawkesbury is not currently mandated to provide a curbside, source separated organics (SSO) collection, there is a requirement to “support and increase participation in *resource recovery* efforts available to residents”, including home composting. Furthermore, the Strategy for a Waste-Free Ontario states that “the province has committed to banning food from disposal”. Therefore, looking forward to the eventuality of an obligation to provide SSO collection, the definitions for organic waste have been expanded in this proposed by-law in order to provide an accurate reference for future amendments. Implementing a green residue (yard waste) collection is an excellent first step towards the diversion of organics from landfill. As it is, Hawkesbury’s collector, Mayer, sees an appreciable surplus in garbage set curbside in the autumn, with Monday’s route alone increasing by a $\frac{3}{4}$ truckload or ~8625kg of waste due to yard waste. While not yet thoroughly quantified, we can safely say there is a significant amount of organic waste that could be diverted for composting.

Many of the provisions set out in the proposed by-law are recommended because they establish a clear reference to use when negotiating a contract for the collection and disposal of waste. The current Waste Collection and Disposal Agreement with Gilles. R. Mayer Sanitation Ltd has been negotiated on the basis of households serviced even though it is a metric that is both imprecise and exceedingly difficult to regulate given the Town’s unique variety of property types. Transitioning towards a waste management system using designated curbside bins for collection will address multiple pain points of the current system, as follows:

- Provides a simple method for enforcing garbage disposal limit per unit of occupancy
- Provides a polished and unified curbside appeal
- Addresses recurring waste collection issues such as inappropriate preparation or storage of waste
- Decreases likelihood of incidental littering (due to broken & overflowing bags)
- Uncovers undeclared dwelling units as they inquire about their lack of a designated curbside bin
- Allows for a transition towards automated collection which represents potential savings in collection costs and less manual labour (a considerable asset given the current employment shortages)
- Allows for a transition towards a Pay As You Throw (PAYT) waste management strategy whereby bins set out for collection are recorded for frequency of

collection. Waste collection and disposal agreements can be renegotiated in consequence of fewer bin lifts and savings can be shared with occupants having produced less waste.

For these reasons, the use of designated curbside bins for garbage collection is strongly recommended.

Options/alternatives

1. Maintain the status quo by not revising By-law N° 86-96, being a by-law to regulate the storage, collection, removal and disposal of residual waste in the Town of Hawkesbury (not recommended)

Impact on budget

No impact on the 2022 budget.

There will be impact on the 2023 budget to allow for the purchase of curbside bins & potentially for the implementation of a green residue collection.

Relevant studies

Beaconsfield case study about the implementation of a smart collection, including PAYT, and other strategies for improving waste diversion.

Refer to the following documents for more information:

- Beaconsfield PAYT Summary (EN only)
- Implantation Collecte Intelligente – Beaconsfield - Rapport Final (FR seulement)

Supporting documents

- By-law N° 86-96, being a by-law to regulate the collection, removal and disposal of residual waste in the Town of Hawkesbury
- Garbage by-law Amendment 91-2009
- Draft by-law ⁽¹⁾, being a By-law to replace By-law N° 86-96
- Ontario's Food and Organic Waste Policy Statement
- Strategy for a Waste-Free Ontario – Building the Circular Economy
- 2020 Datacall – Residential Waste Diversion Summary
- Beaconsfield PAYT Summary (EN only)
- Implantation Collecte Intelligente – Beaconsfield - Rapport Final (FR seulement)

*⁽¹⁾ **N.B.** Schedules “A” and “C” are subject to changes due to details that cannot be confirmed at present (drop-off locations for Sch. “A” and legal permissions to change wording of fines for Sch. “C”). Once these are confirmed, the revised draft by-law will be presented in its final form at the next council meeting.*

Communication plan

If adopted, the proposed changes to the waste collection services referred to in this proposed draft by-law will need to be properly communicated to the public. A plan and timeline for the necessary communications will be developed as a collaboration between the Public Works and Engineering Department and the Communications Department.

The communications plan will commence prior to the transition towards the new strategy and will allow for a transitional period during which affected occupants have time to learn and adapt to the new regulations.

Department(s) involved

- Public Works and Engineering Department
- Communications Department
- Planning Department
- Finance Department

Submitted and recommended by

Jennifer Ashfield, Civil Engineering Technologist, September 2, 2022

Comments of the Chief Administrative Officer

Samuel Cardarelli, Interim Chief Administrative Officer

Report Approval Details

Document Title:	2022_REC_60_Waste Management By-Law Review.docx
Attachments:	<ul style="list-style-type: none">- By-law 86-96 garbage.pdf- Garbage by-law Amendment 91-2009.pdf- Waste Mgmt Draft ByLaw ENG.docx- Ontario's Food and Organic Waste Policy Statement_.pdf- Strategy for a Waste-Free Ontario – Building the Circular Economy_.pdf- 2020 Datacall – Residential Waste Diversion.xlsx- Beaconsfield PAYT Summary.pdf
Final Approval Date:	Sep 7, 2022

This report and all of its attachments were approved and signed as outlined below:



Myriam Longtin - Sep 7, 2022 - 7:19 AM



Samuel Cardarelli - Sep 7, 2022 - 11:37 AM