

The Corporation of the City of Kawartha Lakes

Council Report

Report Number WM2018-010

Date: September 25, 2018

Time: 2:00 p.m.

Place: Council Chambers

Ward Community Identifier: All

Title: Residential Clear Bag and Leaf and Yard Waste Drop off Pilot Project
(2018) -Interim review

Description: A review of the first event (Spring 2018) of the pilot program for the Residential Clear Bag and Leaf and Yard Waste Drop Off Weeks.

Author and Title: David Kerr, Manager Environmental Services

Recommendation(s):

THAT Report WM2018-010, be received; and

THAT Staff report back to Council by the end of December 2018 on the results of the second event (fall 2018) of the pilot project with recommendations regarding continuation or not of a similar program.

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

At the Council meeting on Tuesday, September 26th 2017, the following resolution was made:

RESOLVED THAT the memorandum from Mayor Letham regarding **Seasonal Residential Clean Up Waste Drop Off**, dated September 26, 2017, be received and;

THAT Staff implement for the 2018 season a 1 year pilot project to exempt all City of Kawartha Lakes residents from tipping fees identified within by-law 2015-123, as amended, related to bringing compliant clear bag residential waste and compliant leaf and yard residential waste to City Landfills for a period of 2 weeks in spring and 2 weeks in fall;

THAT Staff report back to Council by the end of July 2018 on the results of the Spring 2018 pilot project;

THAT all other current programs regarding waste drop off, leaf and yard material drop off, remain in place;

THAT the necessary by-laws for the above recommendations be forwarded to Council for adoption; and

THAT the Mayor and Clerk be authorized to execute any documents and agreements required by the approval of this decision.

This Staff Report is presented to Council to provide a report on the results of the 2018 spring drop off event as per Council's request.

As further background, Council may recall that starting May 14th until May 27th, 2018, residents were invited to drop off residential clear bag waste and leaf and yard waste at no cost to any open City landfill during regular operating hours. Clear garbage bags of residential waste were accepted provided they contained less than 20% recyclable material and no hazardous waste. Residential leaf and yard waste was accepted in a loose form or contained in paper bags. Regular tipping fees were applied for all other items including but not limited to large items, mattresses, box springs, construction and demolition materials, institutional and commercial waste, waste not in clear bags, mixed waste loads, RV disposal, contaminated soil, boats, asbestos, boat and bale wrap, septage, and furniture. The next and last scheduled event for this free drop off will be held Monday, October 1st until Sunday, October 14th, 2018.

Rationale:

The following section provides a summary of data collected by staff on the first event (spring 2018) of this pilot project.

On the whole, lineups and wait times were manageable at all landfill sites during this first event. Not knowing what to expect, staff took added precautions to pre-

notify the public that there may be longer than usual lineups at the sites. As well additional staff was called in to help regulate and improve traffic and delays.

The results indicate there was a significant increase in both Leaf and Yard waste and Clear Bag waste during the event in comparison to the same two week period in 2017 (May15th-28th). However it should be noted that this apparent increase in tonnage is not entirely representative as a true comparison for the following reasons:

- Leaf and Yard waste volumes collected previous to September 2017 were accounted for using less accurate methods. The waste did not have to be scaled as tipping fees were not required at the time and as a result it is likely that some additional leaf and yard waste entering the sites may not have been accounted for at the time;
- The volume of Clear Bags brought to the landfill had increased from 2017 to 2018 since the clear bag program was implemented in 2017 and the public was in the midst of transitioning to using clear bags. Therefore it is possible the actual quantity of waste received at the landfill during the 2018 event from public drop off in comparison to 2017 had not changed as significantly as the data indicated.

Tonnages are shown in the table below:

Comparison of Waste Drop off (2017 to 2018)

Site	Year	Leaf and Yard Waste (tonnes)	Clear Bag (tonnes)
Lindsay Ops	2017	24.65	10.34
	2018	205.42	39.30
Fenelon	2017	8.90	2.52
	2018	104.26	10.23
Laxton	2017	0.98	3.53
	2018	18.61	6.72
Somerville	2017	4.90	0.46
	2018	9.67	5.76
Eldon	2017	16.21	1.09
	2018	14.74	3.56
Total	2017	55.64	17.94
	2018	352.70	65.56

It should be noted that the quantities of Leaf and Yard waste accepted at the landfill during the two week period prior to the event are slightly lower but generally comparative to the event.

After the October 2018 two week event is completed and waste quantities assessed, staff will have a better indication of the true increase in waste brought to the landfill in comparison to the same period in 2017.

Although it is difficult to accurately quantify, staff did not observe any obvious decrease in roadside dumping from year to year as a result of this event.

In general, residents welcomed the opportunity of the free drop off period. The cost implications of this in terms of lost revenue are shown in the Financial/Operation impact section of this report.

Other Alternatives Considered:

This pilot project has been approved by Council includes windows in both the spring and fall, so the full pilot has yet to be completed. No alternatives are provided at this time since it will be necessary to evaluate the second scheduled event in the fall of 2018. A staff report is then recommended to be brought forward to Council with recommendations on whether or not the program is to be continued in 2019 and if so what the details of that program would be. Alternatives would be provided in that staff report.

Financial/Operation Impacts:

The estimated revenue variance for the first phase of the pilot event was estimated by calculating the tonnage difference in waste dropped off during the pilot versus the same period in 2017. See table below for the financial evaluation of the spring 2018 event compared to the same time in 2017.

Potential Lost Revenue in Tipping Fees

Site	Year	Leaf and Yard Waste	Clear Bags
Lindsay Ops	2017	\$2,465.00	\$1,034.00
	2018(no charge)	\$21,569.10	\$4,126.50
Fenelon	2017	\$890.00	\$252.00
	2018(no charge)	\$10,947.30	\$1,074.15
Laxton	2017	\$98.00	\$353.00
	2018(no charge)	\$1,954.05	\$705.60
Somerville	2017	\$490.00	\$46.20
	2018(no charge)	\$1,015.35	\$604.28
Eldon	2017	\$1,621.00	\$109.20
	2018(no charge)	\$1,547.70	\$373.80
Total	2017	\$5,564.00	\$1,794.40
	2018(no charge)	\$37,033.50	\$6,884.33
	Difference (lost revenue)	\$31,469.5	\$5,089.93

Although the proposed 2019 operational budget does not account for continuation of this program, Council may request its inclusion as an additional service to be delivered. Staff recommends that this decision be made after reviewing the results of the fall event and overall cost benefit of this service to the public.

Relationship of Recommendation(s) To The 2016-2019 Strategic Plan:

The pilot program is designed to reduce the storage of household waste and roadside dumping which would follow the City's Strategic Goal 3 to create a healthier environment. As well the program will meet Enabler 3 to provide exceptional customer service by providing a no cost service to the public.

Consultations:

Waste Operations Supervisor

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Department Head: Bryan Robinson, Director of Public Works