



BUSINESS PERFORMANCE AND ENVIRONMENTAL SUSTAINABILITY MEMORANDUM

TO: MAYOR J. LEHMAN AND MEMBERS OF COUNCIL

**FROM: S. BRUNET, B.SC.
MANAGER OF BUSINESS PERFORMANCE AND ENVIRONMENTAL
SUSTAINABILITY**

**NOTED: A. MILLER, RPP
GENERAL MANAGER OF INFRASTRUCTURE AND GROWTH MANAGEMENT

M. PROWSE, CHIEF ADMINISTRATIVE OFFICER**

RE: CLOTHING / TEXTILES CURBSIDE COLLECTION PILOT PROGRAM

DATE: SEPTEMBER 28, 2020

The purpose of this Memorandum is to provide members of Council with an update on the results of the final collection cycle of the Textiles Curbside Collection Pilot and next steps moving forward.

THE PILOT PROGRAM

The provision of textile collection at existing waste collection depots was identified as a Second Priority Initiative to increase diversion in the Sustainable Waste Management Strategy (SWMS), adopted in Principle by Council on November 19th, 2012. Additionally, it also aligns with the new City of Barrie (City) circular economy approach.

To further assist with increasing diversion and offer convenience to Barrie residents, a Curbside Collection of Clothing/Textiles Pilot Program began in Q4 of 2019. The data from this one (1) year Pilot Program will be used to assess the feasibility of a permanent program through seasonal collection cycles. The curbside collection of textiles offers a convenient way to enable residents to assist with increasing diversion and reduce waste.

CURBSIDE COLLECTION RESULTS

Appendix A (attached) summarizes the data collection for all three collection cycles. The data to date may provide support for a curbside collection model. Further analysis will be conducted to finalize a recommendation for Council by the end of the year.

Based on staff discussions with the operator of the Pilot Program, there may be the opportunity to supplement curbside collection with a small number of bins for residents who miss curbside and want to participate.

CORNERSTONE ADDICTION TREATMENT CENTRE OPPORTUNITY

In March 2020, General Committee directed staff (20-G-049) to investigate the opportunity to work with Cornerstone for the placement of their textile collection bins at City facilities on a sole source basis, so that revenues from the Barrie collections could be allocated to fund an addiction treatment center in the City and to be operated by Cornerstone.



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Staff received and reviewed information provided by Cornerstone and confirmed that Cornerstone's operations in other communities, supported in part by the textile diversion program, appear to operate a balanced budget. This information is not from audited financial statements nor professionally vetted operational budgets.

Cornerstone uses a small chute bin which requires 3 feet frontage clearance to open the door. They use a routing and work order software to optimize collection schedules. The sensors in their bins trigger a "ready for collection" message; this appears to help with the quantity of "spillover" donations left around collection bins which have been a concern in many communities.

Early conversations with Cornerstone suggested that a minimum +/- 30 bin locations would be required to meet their charitable textile donation program objectives in Barrie. Each location usually provides 1-3 bins depending on demand. Since the original conversations, Cornerstone confirmed a partnership with Recycling Rewards who have recommended a collection model using strategically placed bins in addition to the Curbside Collection Program they are currently piloting in Barrie with Talize. It is now believed that curbside collection can be supplemented by +/- 6 bin locations, preferably at City locations.

NEXT STEPS

Pilot data collection, analysis, and reporting will be completed by Talize/Recycling Rewards and provided to City staff, to be used for the evaluation of a potential full-scale program and alignment with the new Circular Economy approach.

Should the data demonstrate the potential for a successful full-scale Curbside Collection Program, staff will be recommending the curbside collection model supplemented by the bulk collection (bin) model in strategic locations only.

Notwithstanding the Pilot success with the current Contractor, staff are obligated to procure permanent program contractors in accordance with the Corporate Procurement By-law. It is expected that the RFP will proceed in Q1 2021 subject to budget approval.



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Appendix A

<i>Date of Collection</i>	<i>Tonnes Collected</i>	<i>% Participation Rate</i>	<i>% Deemed Unsalvageable</i>	<i>Request for Participation outside Pilot Area</i>
1 st Collection Cycle (September 30-October 3, 2019)	14.5*	17.6	1.1	23
2 nd Collection Cycle (June 22-25, 2020)	16	18%	0%	114**
3 rd Collection Cycle (August 24-28, 2020)	14	14%	0%	8

* This Pilot exceeded initiatives with other Municipalities by 3.5 tonnes.

** Additionally, residents approached the collection drivers to indicate their agreement with this method of collection.