



Report for Solid Waste Advisory Panel



Agenda Item # 2

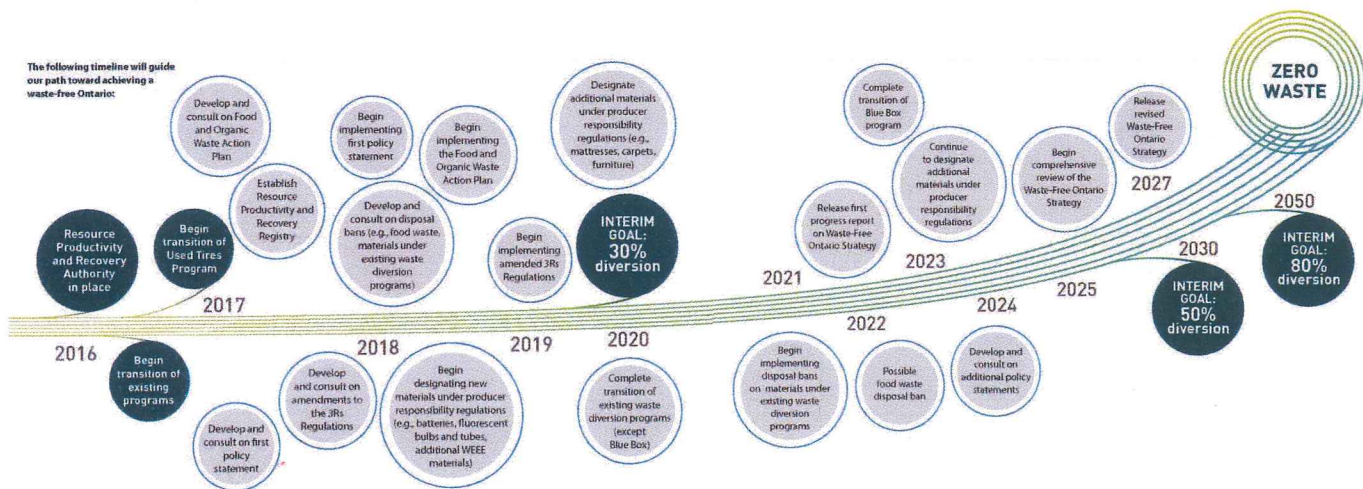
Meeting Date	October 25, 2017				
Report Title	Ontario's Waste Management Framework and the Blue Box Program				
Type of Report	Information Only	X	Request for Comments		Request for Support

Report Authored By	Division Review
 Chantal Mathieu Director of Environmental Services	 Chantal Mathieu Director of Environmental Services

Report

The Waste Diversion Act, 2002 was repealed and replaced by the Waste Free Ontario Act in November 2016. Along with this new legislation, the Province provided a Strategy for a Waste Free Ontario. This new legislation will have a major impact on the way municipal solid waste is managed and will establish a full producer responsibility regime for products and packaging.

The following timeline was provided in the Province's Strategy for a Waste Free Ontario.



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Report Authored By	Division Review
Chantal Mathieu Director of Environmental Services	Chantal Mathieu Director of Environmental Services

Blue Box Program

The legislation indicates that the responsibility for Ontario's Blue Box Program will be placed in the hands of the Producers that manufacture these products. This will allow companies to manage the entire "life cycle" of their products, including how easily their products can be recycled.

The role of municipalities will eventually change. We may act as service providers to Producers, get out of the blue box recycling industry completely or operate a variation of these roles.

The new model must be reviewed by all parties and transitional guidelines will need to be developed. Ultimately, the goal is to increase diversion, improve the environment and maintain service levels to residents.

It is also recognized that a "one size fits all" solution will not work in Ontario and alternatives to a phased in approach will be required.

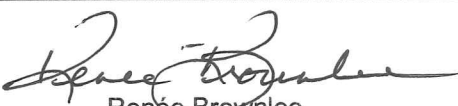
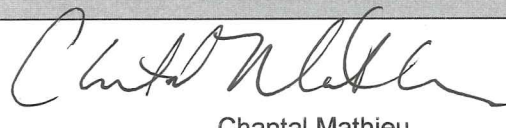
Further Blue Box program developments will be shared with Panel members as they become available.

Report for Solid Waste Advisory Panel



Agenda Item # 3

Meeting Date	October 25, 2017				
Report Title	Waste Diversion Equipment Tender				
Type of Report	Information Only	X	Request for Comments		Request for Support

Report Authored By	Division Review
 Renée Brownlee Manager of Solid Waste & Administrative Services	 Chantal Mathieu Director of Environmental Services

Report

Background:

This report will describe the equipment tender details.

The City of Greater Sudbury is responsible for providing waste diversion equipment to low density residential households with roadside collection, multi-residential properties with agreements, residential units within multi-type properties with agreements, municipal facilities, registered schools, registered small business program participants and Downtown Sudbury.

Blue Boxes and Green Carts are distributed to low density residential households and to the residential units within low density residential multi-type properties with agreements at no cost to the owner or tenant. Small Blue Boxes with handles are provided to new multi-residential properties with centralized collection during initial setup only at no cost to the owner or tenants. Deskside Blue Boxes are distributed to municipal facilities at no cost to individual City departments. All other diversion equipment is provided at a partial or full cost recovery.

Purpose and Details

The Solid Waste Advisory Panel requested that staff look into options for the provision of Blue Box lids.

Staff are currently in the process of retendering for waste diversion equipment. The tender includes:

Blue Boxes for residential roadside collection



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Report Authored By	Division Review
Renée Brownlee Manager of Solid Waste & Administrative Services	Chantal Mathieu Director of Environmental Services

Big Blues for residential roadside collection



Slotted lid Big Blues for municipal facilities



Big Yellows for small businesses



Yellow Boxes for small businesses



Downtown Sudbury Big Yellows



Deskside Blue Boxes for municipal facilities



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Report Authored By	Division Review
Renée Brownlee Manager of Solid Waste & Administrative Services	Chantal Mathieu Director of Environmental Services

Hanging deskside organic containers
for municipal facilities and schools



Centralized waste and diversion containers
for municipal facilities and schools



Organic kitchen collector containers for residents



Leaf Buddy large capacity leaf & yard
container for residential roadside collection



Small Blue Boxes with handles for
multi-residential dwellings with centralized
waste collection agreements



Blue Box lids



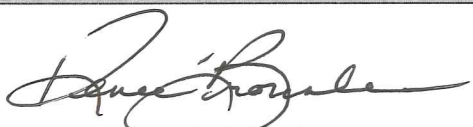
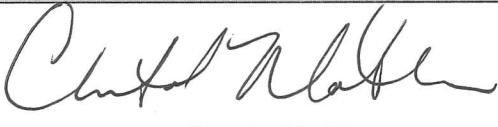
Staff expects the tender to be awarded prior to the end of 2017. Once the tender pricing has been returned, staff will provide a follow-up report to discuss potential options for the provision of Blue Box lids.

Report for Solid Waste Advisory Panel



Agenda Item # 4

Meeting Date	October 25, 2017					
Report Title	Implementation Plan – Update on Possible New Programs					
Type of Report	Information Only		Request for Comments	X	Request for Support	X

Report Authored By	Division Review
 Renée Brownlee Manager of Solid Waste & Administrative Services	 Chantal Mathieu Director of Environmental Services

Report

Background:

City Council approved the Waste Collection Policy Implementation Plan in 2016. The Plan included the potential development of diversion programs beyond the blue box for textiles and household batteries.

Textiles

Textiles consist of clothing, footwear and fabrics such as curtains, pillows, linens, blankets and towels. It is estimated that the average person discards 37 kilograms of textiles each year¹. It is also estimated that 95% of all textiles are reusable or recyclable.

Textile recyclers usually pre-sort materials to separate any reusable clothing first and these are sent for resale. Textiles that are diverted for recycling are used to make new products such as stuffed toys, car seat stuffing, auto insulation, industrial wiping clothes and home insulation.



The City of Greater Sudbury currently encourages and supports textile reuse. Textile reuse bins are located in the waste diversion area of each disposal site. The City also provides a tipping fee rebate to reuse organizations that divert reusable materials such as textiles.

In the recent waste collection tender, bidders were requested to provide provisional pricing for the weekly roadside collection of textiles. It was envisioned that residents would bag their textiles in clear plastic

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Report Authored By	Division Review
Renée Brownlee Manager of Solid Waste & Administrative Services	Chantal Mathieu Director of Environmental Services

bags and the recycling contractor would be required to collect the textiles on a weekly basis and place the bags in the blue box compartment of the co-collection vehicle. The recycling processing contractor would then be responsible for preparing and shipping textiles to end markets.

The pricing received for collection was over \$500,000 and considered unreasonable. In addition to the collection cost, staff would have to negotiate a processing cost with the recycling processing contractor.

For now, staff recommends that a textile recycling program be delayed until additional details are available under the Waste Free Ontario Act and when adequate funding is available.

Household Batteries

Batteries are a hazardous waste item. They are made from a number of materials including acid, lead, nickel, lithium, cadmium, alkaline, mercury and nickel metal hydride.

Year after year, household batteries are found to be the most misplaced hazardous waste item found in the garbage during the City's annual waste audits. Efforts to educate and to provide battery storage containers and disposal options have failed to improve the situation.

For this reason, staff requested provisional pricing for a roadside collection option in the most recent waste collection tender.

The pricing received to deliver this service was under \$8,000 annually which is considered reasonable. It was envisioned that residents would bag their household batteries (clear zipper bag) and place the bag at their collection location. The collection contractor would collect the batteries in a separate compartment or in containers within the co-collection vehicle and deliver the batteries to a designated location.



Transportation of the batteries from the designated location to a licensed battery recycling facility and the processing to recycle the batteries is currently fully funded by industry stewards and therefore would be at no cost to the City.




Staff recommends that a new program for the collection of household batteries be developed and presented to the Operations Committee for consideration.

Report for Solid Waste Advisory Panel



Agenda Item # 5

Meeting Date	October 25, 2017				
Report Title	Orders to Clean – Amendments to the Waste Management By-law				
Type of Report	Information Only		Request for Comments	Request for Support	X

Report Authored By	Section Review	Division Review
 Kyle Anderson Field Officer	 John Bulfon Manager of Waste Collection & Field Services	 Chantal Mathieu Director of Environmental Services

Report

Staff under the Waste Management By-law have authority to provide written notices to persons to remove waste that is not authorized under the by-law.

These notices (commonly referred to as Orders to Clean) are only used when traditional communication tactics have failed to provide the necessary results, or in cases of emergencies or repeat offenders.

The notices are either hand delivered or sent to the person by registered mail. If the person neglects or fails to remove the waste within 24 hours, or such longer time as may be specified in the notice, the waste is removed at the expense of the person.

The purpose of this report is to receive support from the Panel to have the minimum 24 hour notice period removed from the by-law.

Staff would continue to provide a minimum 24 hour notice for typical notices. However, the minimum time period to remove waste would no longer be included in notices for situations that are considered hazardous, dangerous or for repeat offenders.

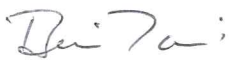

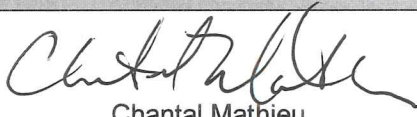
For discussion.

Report for Solid Waste Advisory Panel



Agenda Item # 6

Meeting Date	October 25, 2017				
Report Title	Litter Prevention (near landfill sites)				
Type of Report	Information Only		Request for Comments	X	Request for Support

Report Authored By	Section Review	Division Review
 Bernice Tario Coordinator of Waste Disposal	 Aziz Rehman, M.Eng., P.Eng. Manager of Waste Processing & Disposal Services	 Chantal Mathieu Director of Environmental Services

Report

When planning a trip to a City landfill or transfer site, all site users should remember to secure their load. Litter and waste material escaping vehicles can pose safety hazards to other drivers, and is unsightly and costly to clean up.

A load should be covered and secured from the beginning of the trip.

To promote litter prevention, staff can conduct the following:

- 1) Post one of these signs leading to the sites:



The sign with the wording would be bilingual if chosen.

- 2) Hand out flyers to site users.
- 3) Document the first unsecured load as a warning to site users in the City's landfill software. A second offence and subsequent offences would be accessed a fee of \$15. Tracking would be linked to the site user's license plate.

For discussion.