

DEFERRED to a future meeting of Council to allow for all members of Council to be in attendance and that administration REPORT BACK as to which Ward would be most appropriate to commence this pilot project as adopted by Council at its meeting held April 18, 2016 [CR257/2016]
/AC
Windsor, Ontario April 18, 2016

REPORT NO. 363 of the
ENVIRONMENT, TRANSPORTATION & PUBLIC SAFETY
STANDING COMMITTEE
of its meeting held March 23, 2016

Present: Councillor Chris Holt
Councillor Fred Francis
Councillor Bill Marra (Chair)
Councillor Hilary Payne
Councillor Paul Borrelli

That the following recommendations of the Environment, Transportation and Public Safety Standing Committee **BE APPROVED**:

Moved by Councillor Francis, seconded by Councillor Borrelli,
That the report of the City Engineer dated January 25, 2016 regarding the feasibility of a Big Bin Project **BE RECEIVED** for information.

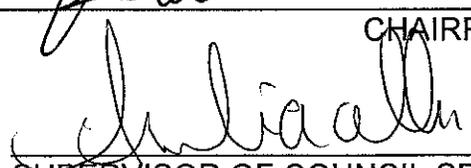
Carried.

Councillor Marra was absent when the vote was taken on this matter.

S 27/2016 SW2016

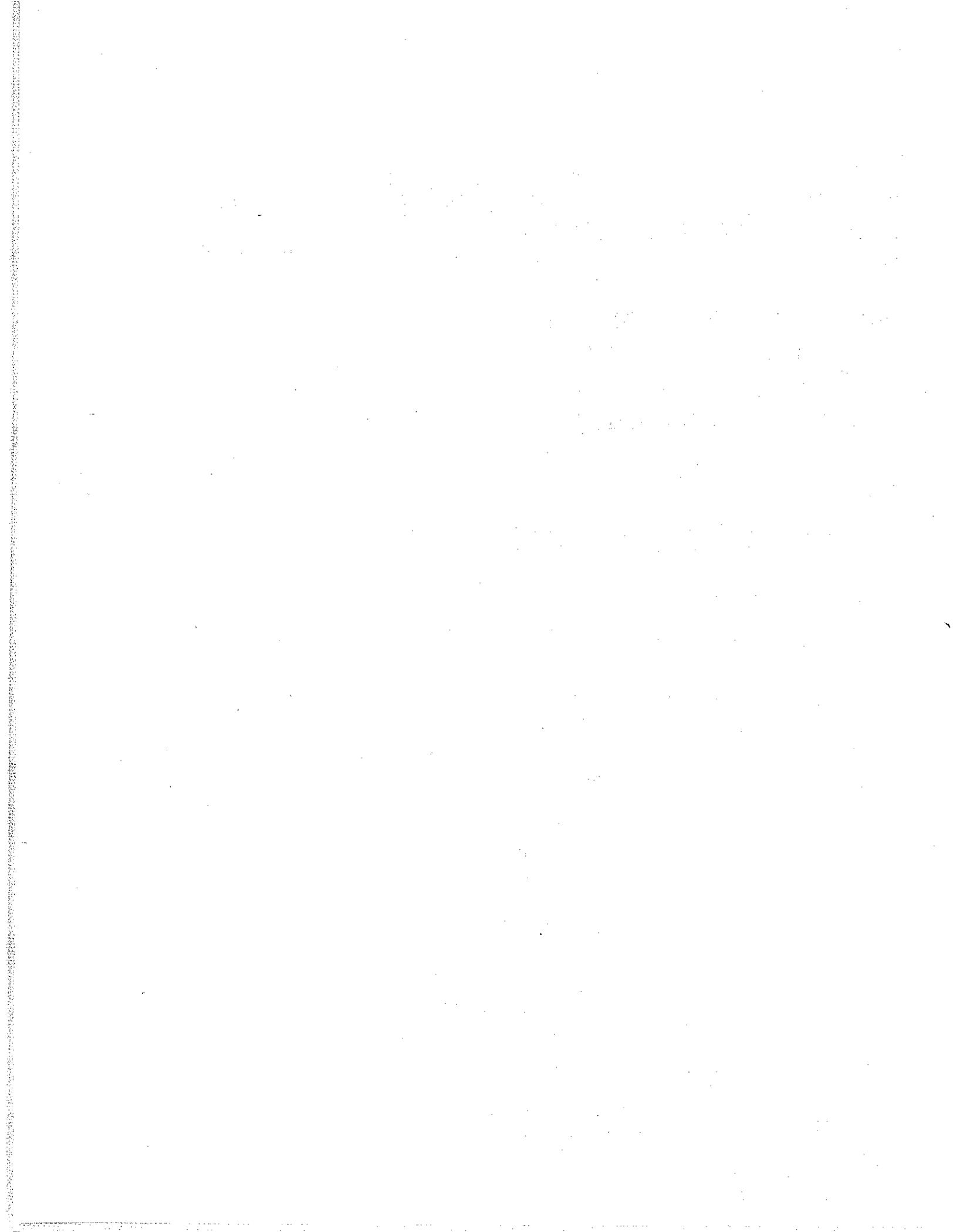
Clerk's Note: The report of the City Engineer dated January 25, 2016 entitled "CQ45/2015 – Feasibility of a Big Bin Project" is **attached** as background information.



CHAIRPERSON


SUPERVISOR OF COUNCIL SERVICES

NOTIFICATION:	
NAME	CONTACT INFORMATION
Kevin Neil	kneill@goodwillekl.com
Rick Young	ryoung@habitatwindsor.org





Public Works - Operations

MISSION STATEMENT

"Our City is built on relationships – between citizens and their government, businesses and public institutions, city and region – all interconnected, mutually supportive, and focused on the brightest future we can create together"

REPORT #: S 27/2016	Report Date: 1/25/2016
Author's Contact: Anne-Marie Albidone Manager, Environmental Services 519-974-2277 ext. 3123 aalbidone@citywindsor.ca	Date to Council: March 23, 2016
	Clerk's File #: SW2016

To: Mayor and Members of City Council

Subject: CQ45/2015 - Feasibility of a Big Bin Project - City Wide

RECOMMENDATION:

That the report of the City Engineer dated January 25th, 2016 regarding the feasibility of a Big Bin Project BE RECEIVED for information.

EXECUTIVE SUMMARY:

N/A

BACKGROUND:

The following question was asked at the August 4, 2015 Council Meeting:

" Asks that administration confer with Habitat for Humanity and Goodwill on the cost and feasibility of a "Big Bin" pilot project modelled after the City of Edmonton in Ward 7."

The City of Edmonton's Big Bin events are days in which residents can bring unwanted bulk items to a designated location. Items that can be reused are taken by Goodwill Industries of Alberta, while the non-reusable items are taken to landfill. The events occur twelve times a year at a variety of locations across the city. Each event occurs over a Saturday and Sunday and accepts bulk items such as furniture, large household appliances, computers, televisions and other electronics. They do not accept commercial waste or household chemical wastes.

Both Habitat for Humanity and Goodwill Industries in Windsor have indicated they would be interested in participating in a City of Windsor Big Bin event, similar to the City of Edmonton's model.

DISCUSSION:

On average, each day of the Big Bin event in Edmonton saw 75 tonnes of waste (sent to landfill) and required the following equipment: 6 large bins, a bobcat, a cube van, and corresponding staff. In addition to this tonnage and equipment Habitat for Humanity and/or Goodwill Industries would provide the equipment and staff required to process the items they chose to take. The Big Bin events in the City of Edmonton are very popular. In 2014, the 12 events saw 11,446 customers.

However, The Big Bin events do have some challenges:

- (1) Cost containment: tonnages are difficult to estimate and therefore costing can fluctuate. The estimated cost to implement this program in Windsor is outlined in the financial section.
- (2) Extensive line ups: each event has customers lined up before opening, and many are turned away at the end of the day. Traffic congestion can often be a secondary concern.
- (3) Illegal dumping after the event: despite offering these bin days and several depots across the City, illegally dumped material remains an issue.

If Council wished to pursue a pilot project in Ward 7, a location with adequate space and security would need to be selected. Administration considered either the Forest Glade arena and recreation complex parking lot, or at the East End Park's yard. The Forest Glade Arena location is easily accessible and well known, serving the arena, community centre, library, tennis courts, outdoor sports fields, and the park; however any post-event illegal dumping would be an eyesore even if only there briefly.

Furthermore, this parking lot will be undergoing the second phase of reconstruction beginning this spring and will have a large portion fenced off, reducing the amount of space available during this time. Therefore this location is not recommended this year, but could be a consideration in future years. The East End Parks yard is a fenced-in secure location with moderate parking, however it is less well known to the public and its remote location may be more conducive to after-hour illegal dumping. A more appropriate location might be the WFCU Center. Although not in Ward 7, it is in very close proximity, it is a well known location and has ample parking. If Council wished to consider additional locations throughout the city, consideration could be given to MicMac Park, Parking Lot 11 (near City Hall), and partnerships with commercial and/or educational institutions. Dates for Big Bin events would need to be coordinated with each venue and would need to be over the course of several months.

Council is advised that a similar bin project (without charitable partners) was conducted in the University area several years ago. Residents, and in particular students, in the area were advised of a one day event where a large bin would be placed at a designated location for bulk items. While the event was popular, dumping continued to occur for several days after the bin was removed. It is suspected that many residents outside the target area brought items to the bin location so as to avoid tipping fees at the Public Drop Off.

RISK ANALYSIS:

There is a **critical** operational risk that a onetime only, one-ward only Big Bin event will be attended by many residents across all wards causing extensive line-ups. Many residents are likely to be turned away due to time constraints. Compounding this risk is a suitable location in Ward 7. Should the Forest Glade arena and recreation complex parking lot be the location selected, there could be insufficient parking spaces available to serve the residents and visitors using the parks and recreation facilities, depending on scheduled activities. The City of Edmonton has indicated line-ups and declined customers are a common occurrence in every event they have. A mitigating strategy would be to have several events that could be offered in areas central to multiple wards; however this would significantly increase the cost and would only marginally lower this risk.

There is also a **significant** budget breach risk as a result of illegal dumping after the event. The ongoing clean ups will add to the cost of the event and will impact public confidence. A mitigating strategy would be to monitor the area after hours via security

cameras/security guards. However, the location chosen may not be equipped to do this; therefore further funding could be required.

There is a moderate budget breach risk that the funding outlined in the financial section will be insufficient. The funding is based on the expected tonnages. While the tonnage used coincides with tonnage received in previous similar collections in the City of Windsor, and with tonnage received by the City of Edmonton, there is no way to know with certainty if the same will materialize in a future event.

FINANCIAL MATTERS:

The following table outlines the resources and corresponding funding estimated to be required to implement a Big Bin event in Ward 7 only.

Resource	Cost for a Sat only event	Cost for a Sat/Sun event
Bin (rental and service)	\$6,750.00	\$14,100
Tipping fees (based on 75 tonnes @ \$36.44/tonne, per day)	\$2,733.00	\$5,466.00
Bobcat rental	\$400.00	\$608.00
City of Windsor Staff (6 Local 82, 1 supervisor)	\$4,255.77	\$9,361.14
Cube van (from EWSWA for electronics)	\$1,000.00	\$2,000.00
Advertising/signage	500.00	500.00
TOTAL	\$15,638.77	\$32,035.14

The cost would be similar for each event Council elects to approve, however additional costs may be incurred if privately owned locations are selected. There are no operating funds to cover these costs. Should Council wish to approve this project as a high

priority prior to the next budget process, funding would need to come from the Budget Stabilization Reserve.

CONSULTATIONS:

Recreation – Jan Wilson

Parks – Phil Roberts

CONCLUSION:

While it is possible to offer a Big Bin project for Ward 7, having only one event in one Ward will be difficult to manage and will likely lead to several complaints regarding long waits and inability to dump. Having several events in various wards would certainly provide a better service, however the cost to do so is significant.

APPROVALS:

Name	Title
Dwayne Dawson	Executive Director – Operations
Mark Winterton	City Engineer
Onorio Colucci	Chief Financial Officer
Helga Reidel	Chief Administrative Officer

NOTIFICATIONS:

Name	Address	Email
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Rick Young		ryoung@habitatwindsor.org

APPENDICES: