



COMMUNITY DEVELOPMENT COMMITTEE AGENDA

Tuesday January 28, 2014, 7:00 p.m.
55 Zina Street, Orangeville – Sutton Room (2nd Floor)

Declarations of Pecuniary Interest by Members

QUESTION PERIOD

Members of the public will be provided an opportunity to ask questions of the Committee during this time. (Limited to 10 minutes)

REPORTS

1. COMMUNITY DEVELOPMENT COMMITTEE – January 28, 2014 – ITEM #1
2014 Household Hazardous & Electronic Waste Events

A report from the Director of Public Works to provide the 2014 Household Hazardous & Electronic Waste (HHW) Event days and to seek authorization for a further contract extension with Buckham Transport for 2014 event operations.

Recommendation:

THAT the Report, 2014 Household Hazardous & Electronic Waste Events, from the Director of Public Works & County Engineer, dated January 28, 2014 be received;

AND THAT the option to extend the contract with Buckham Transport be exercised for 2014;

AND THAT the proposed 2014 Household Hazardous & Electronic Waste Event days be approved.

2. COMMUNITY DEVELOPMENT COMMITTEE – January 28, 2014 – ITEM #2
Curbside Battery Collection Update

A report from the Director of Public Works dated January 28, 2014 to provide the Committee with the results of the November 2013 Curbside Battery Collection pilot and to provide information moving forward.

Recommendation

THAT the report, Curbside Battery Collection Update, from the Director of Public Works & County Engineer, dated January 28, 2014 be received.

**3. COMMUNITY DEVELOPMENT COMMITTEE – January 28, 2014 – ITEM #3
Bag Limit Review**

A report from the Director of Public Works dated January 28, 2014 to recommend a consistent County-wide garbage bag limit of one (1) bag per collection for all municipalities within the County of Dufferin.

Recommendation:

THAT the report, Bag Limit Review, from the Director of Public Works, dated January 28, 2014, be received;

AND THAT a County-wide limit for curbside garbage of one (1) untagged bag/container per collection be implemented, along with three (3) “Double Up Days” where two (2) untagged bags/containers will be collected on resident’s regular collection day during the week of Victoria Day, Labor Day and New Year’s Day holiday interruptions, effective June 1, 2014.

Next Meeting: To be Determined:
55 Zina Street, Orangeville – Sutton Room



**REPORT TO
COMMUNITY DEVELOPMENT COMMITTEE**

To: Chair Oosterhof and Members of Committee
From: Scott C. Burns, Director of Public Works & County Engineer
Meeting Date: Tuesday, January 28th, 2014
Subject: **2014 Household Hazardous & Electronic Waste Events**

Purpose

The purpose of this report is to provide 2014 Household Hazardous & Electronic Waste (HHW) Event days and to seek authorization for a further contract extension with Buckham Transport for 2014 event operations.

Background

Buckham Transport was awarded the contract to provide operational support for the County's HHW Events through a tender in 2011. The initial two year contract (2011 & 2012) includes an option for two one-year extensions, one of which was exercised in 2013 and the other remaining for 2014.

Discussion

Contract extension:

To date, Buckham Transport has provided quality service to the County during HHW Events. It is therefore recommended that the County extend this contract for 2014.

2014 HHW Days:

Saturday, May 3rd – Town of Mono Works Yard
Saturday, May 24th – Primrose Operations Centre
Saturday, June 21st – Town of Orangeville Operations Centre
Wednesday, July 30th – Town of Orangeville Operations Centre
Saturday, September 6th – Grand Valley Works Yard
Saturday, October 4th – Primrose Operations Centre
Saturday, October 25th – Town of Orangeville Operations Centre

Local Municipal Impact

Local municipal Public Works yards and Operations Centres are the host facilities for these events.

Financial Impact

Funds for HHW events are provided within the approved 2014 Operating Budget.

Recommendation

THAT the Report, 2014 Household Hazardous & Electronic Waste Events, from the Director of Public Works & County Engineer, dated January 28th, 2014 be received;

AND THAT the option to extend the contract with Buckham Transport be exercised for 2014.

Respectfully submitted by:

Original signed by,

Scott C. Burns, P.Eng., C.E.T.,
Director of Public Works
& County Engineer

Prepared by:
Chris Fast, Manager of Waste Services



REPORT TO COMMUNITY DEVELOPMENT COMMITTEE

To: Chair Oosterhof and Members of Committee

From: Scott C. Burns, Director of Public Works & County Engineer

Meeting Date: Tuesday, January 28th, 2014

Subject: **Curbside Battery Collection Update**

Purpose

The purpose of this report is to share results from the November 2013 Curbside Battery Collection pilot and to provide information moving forward.

Background

Dufferin County Waste Services conducted a Curbside Battery Collection pilot program on November 11th-14th, 2013. The pilot was in conjunction with the Orangeville Fire Department's bi-annual reminder to change smoke detector and carbon monoxide batteries during daylight savings time.

The program offers single-family households of Dufferin County with an appropriate outlet for single-use alkaline batteries, which is provided at the curb. This curbside battery collection program compliments and enhances the County's existing Household Hazardous Waste and Recycling programs.

Dufferin County Waste Services also offers battery collection through 7 Household Hazardous and Electronic Waste (HHW) events per year, 25 battery collection points at several public locations throughout the County, as well as at 15 multi-residential properties. These non-curbside options rely on residents to deliver used batteries to a particular location, while the curbside collection program provides a simple and convenient option which reaches further demographics of the population. In addition to providing residents a more convenient option for single-use battery collection, the program aims to further increase County diversion rates by keeping single-use alkaline batteries out of landfill while recovering/recycling any reusable materials therein.

The Dufferin County Curbside Battery Collection pilot was a collaborative effort with the County of Dufferin, Orangeville Fire Department, Stewardship Ontario, and Raw Materials Company (RMC) Inc. RMC is an approved processor under Stewardship

Ontario's Orange Drop Program for Municipal Hazardous or Special Waste. RMC's process recovers and recycles 86% of the material contained in each single-use alkaline battery.

Curbside battery collection is currently being offered in Durham Region, Niagara Region, Centre & South Hastings County, Quinte Waste Solutions, Thunder Bay, Guelph, Price Edward County, Peterborough, Brantford and Belleville. Municipalities participating in similar battery collections are experiencing high levels of program success.

Discussion

One week prior to the pilot, households in Dufferin County received specially designed, sealable collection bags for placement of spent batteries. The bright orange bags were clearly labelled with instructions explaining program details. The spent battery-filled bags were then to be placed on top of blue boxes on regular collection days during the specified pilot timeline of November 11th-14th. Following collection, the used battery bags were returned to the bag manufacturer to be recycled into new bags for subsequent collections.

The November 11th-14th pilot resulted in the collection and recycling of 2070 Kgs (4564 Lbs) of spent single-use batteries.

The pilot program was advertised in local papers, social media, the Waste Services Newsletter, a press release, and in a handout that was distributed at the three fall HHW Events.

2014 Curbside Battery Collection dates are March 10th-13th and November 3rd-6th.

Local Municipal Impact

Residents will be offered Curbside Battery Collection during the specified time periods to further enhance waste diversion efforts.

Financial, Staffing, Legal, or IT Considerations

Funds for the Curbside Battery Collection program are allocated within the Household Hazardous and Electronic Waste Events budget.

The County will receive revenue based on the weight of batteries that are collected during each event. Revenue from the November 11th-14th, 2013 event was \$1,460.

Additionally, the Orangeville Fire Department contributed \$1,500 to support the 2013 program.

Recommendation

THAT the Report, Curbside Battery Collection Update, from the Director of Public Works & County Engineer, dated January 28th, 2014 be received;

Respectfully Submitted By:

Prepared By:

Original signed by,

Original signed by,

Scott C. Burns, P.Eng., C.E.T.
Director of Public Works
& County Engineer

Chris Fast
Waste Services Manager



REPORT TO COMMUNITY DEVELOPMENT COMMITTEE

To: Chair Oosterhof and Members of Committee
From: Scott C. Burns, Director of Public Works & County Engineer
Meeting Date: Tuesday, January 28th, 2014
Subject: **Bag Limit Review**

Purpose

The purpose of this report is to provide a recommendation for a consistent County-wide garbage bag limit of one (1) bag per collection for all municipalities within the County of Dufferin.

Background

The County's new collection contract commenced June 1, 2013. Since that time, previous local municipal garbage bag limits have remained in effect, per Council's October 2012 Waste Collection By-law amendment. Moving into the second program year, a future bag limit is to be determined and implemented.

The October 11th, 2012 amendment reads as follows:

THAT Schedule A, Section 1 be amended to state that the current bag limits within each municipality will remain in place until June 1, 2014 and at that time, a review be conducted to determine future bag limits.

Discussion

The new 2014-2015 Waste Services Guide takes effect June 1, 2014, marking the start of a new calendar year for the program. To meet this deadline and have the new Guide mailed to residents early in May, all program details must be finalized by the March 13th Council meeting.

In order to accurately assess the current program and determine a recommended County-wide bag limit, Waste Services staff conducted a four-week participation/set-out study in September and October of 2013. The study gathered data from 1,542 households, along 12 collection routes. The routes were chosen based on a waste

audit conducted in 2012 and provides a relevant cross section of the County's households that is consistent and representative of previous program studies.

The results of this study indicate that the average number of weekly garbage bags/containers set out by each household is less than one (1), at approximately 0.97 (with 95% confidence and margin of error of 0.03). The study also illustrates a correlation between the actual number of garbage bags/containers set to the curb for collection and the current weekly bag limit, as shown in **Table 1**. This is consistent with the thought that having a lower bag limit encourages a more thorough participation in diversion programs. The study illustrates a 94.8% Blue Box program participation and a 79.3% Green Bin program participation. Additional observations show extremely high compliance and participation with regards to the use of clear bags for garbage and blue-tinted bags for recycling overflow.

Table 1: Weekly Limit and Average Actual Weekly Set-Out

Municipality	Current Weekly Garbage Bags/Container Limit	Actual Average Garbage Bags/Containers Set Out per Week
Mulmur, Orangeville	1	0.83
Amaranth, Grand Valley, Melancthon, Mono, Shelburne	2	1.04
East-Garafraxa	3	1.09

It should be noted that if a particular household did not set anything out within the four-week period, they were considered a 'non-participant' and were not included in the data analysis. Inclusion of this group would have artificially lowered the results.

Based on these results, establishing a streamlined County-wide bag limit of one (1) bag/container per week is recommended by Staff. This would provide uniform program delivery to all residents of Dufferin with consistent program details, messaging and communications.

As is currently the case, garbage bags/containers beyond a one (1) bag limit will be collected on a "pay-as-you-throw" basis with a \$2 bag tag affixed.

In conjunction with the new one (1) bag limit, staff recommend offering households the option of setting out two (2) bags per week, at three specified times throughout the year. It is proposed that these garbage bag/container "Double Up Days" take place on a resident's regular collection day, during the weeks of Victoria Day, Labour Day and New Year's Day.

Local Municipal Impact

A transition to a weekly one (1) untagged bag/container limit across the County would mean no change for the residents of Mulmur and Orangeville, which already have a one (1) bag limit. However, residents in Amaranth, East-Garafraxa, Grand Valley, Melancthon, Mono and Shelburne will experience a change in their weekly garbage bag limit.

Financial Impact

Establishing a weekly limit of one (1) untagged garbage bag/container will not impact the per-stop rate in the collections contract, but may impact disposal and processing costs. A bag limit decrease in six of the eight municipalities may result in an increase of recyclable and food waste material, the precise amount of which is difficult to project. Any increase in divertible materials will be accompanied by the associated costs of processing these materials, but will also directly impact the County's overall diversion rate. An increased diversion rate will enhance the likelihood for greater funding from Waste Diversion Ontario, based on the County's overall annual tonnages and established Best Practices. An increase in recyclable material may also lead to increased monthly revenues from the sale of these materials. Increased diversion will also typically be accompanied with a decrease in garbage and the associated landfill costs.

Recommendation

THAT Report, Bag Limit Review, from the Director of Public Works, dated January 28th, 2014, be received;

AND THAT A County-wide limit for curbside garbage of one (1) untagged bag/container per collection be implemented, along with three (3) "Double Up Days" where two (2) untagged bags/containers will be collected on resident's regular collection day during the week of Victoria Day, Labor Day and New Year's Day holiday interruptions, effective June 1, 2014;

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