Agenda – Executive Policy Committee – May 13, 2015

Report – Standing Policy Committee on Infrastructure Renewal and Public Works – May 5, 2015

Item No. 1 Completion of Corporate Waste Reduction Strategy

STANDING COMMITTEE RECOMMENDATION:

On May 5, 2015, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service and submitted the following to Council:

1. That the Corporate Waste Reduction Strategy as outlined in Attachment A be received as information.

2. That a corporate waste diversion target of 50% by 2020 be adopted in alignment with the Garbage and Recycling Plan and as recommended in the Strategy.

3. That the Winnipeg Public Service report on progress in achieving the corporate waste diversion target through the annual OurWinnipeg Report to the Community.

4. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

Report – Standing Policy Committee on Infrastructure Renewal and Public Works – May 5, 2015

DECISION MAKING HISTORY:

STANDING COMMITTEE RECOMMENDATION:

On May 5, 2015, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service and submitted the matter to the Executive Policy Committee and Council.

ADMINISTRATIVE REPORT

Title: **Completion of Corporate Waste Reduction Strategy**

Critical Path: **Standing Policy Committee on Infrastructure Renewal and Public Works, Executive Policy Committee, Council**

AUTHORIZATION

Author	Department Head	CFO	A/CAO
B. Smith	M. Pittet	M. Ruta	M. Jack

RECOMMENDATIONS

1. That the Corporate Waste Reduction Strategy as outlined in *Attachment A* be received as information.

2. That a corporate waste diversion target of 50% by 2020 be adopted in alignment with the Garbage and Recycling Plan and as recommended in the Strategy.

3. That the Winnipeg Public Service report on progress in achieving the corporate waste diversion target through the annual *OurWinnipeg* Report to the Community.

REASON FOR THE REPORT

On September 11, 2013, Executive Policy Committee concurred in the recommendation of the Winnipeg Public Service and received as information the following:

> *Funding of approximately $50,000 for the initiation of the Corporate Waste Reduction Strategy has been identified in the PP&D 2013 Operating Budget and strategy initiation shall proceed per Executive Policy Committee direction.*

On April 17, 2013, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee Infrastructure Renewal and Public Works with the following amendment:

- Add the words “and report back to Executive Policy Committee in 60 days” after the words “Corporate Waste Reduction Strategy”.

On April 16, 2013, the Standing Policy Committee on Infrastructure Renewal and Public Works did not concur in the recommendation of the Winnipeg Public Service and recommended to the Executive Policy Committee:

"*That the Chief Administrative Officer be directed to identify the appropriate source of funding to approve and initiate the Corporate Waste Reduction Strategy."*

On October 2, 2012, Standing Policy Committee on Infrastructure Renewal and Public Works directed:

"That the Winnipeg Public Service report back on the costs and benefits of a strategy to measure and reduce the total volume of all waste, including recycled waste, generated in all City-owned facilities."

IMPLICATIONS OF THE RECOMMENDATIONS

Policy Implications:

- A Corporate Waste Strategy fulfills Directive 05-02 of *A Sustainable Winnipeg* which states that we will lead by example, and create a corporate waste diversion strategy that includes baselines and benchmarks.
- The recommended corporate target of 50% waste diversion by 2020 aligns with the Garbage and Recycling Master Plan. Waste diversion efforts from City facilities and operations must be consistent with what is being asked of the community.
- The Strategy aligns with the provincially funded *Manitoba Composts* program announced in June 2014 to improve organic waste management programs at the municipal and commercial levels. Organics waste diversion targets have been established and incentives are available at the provincial level.

HR & Financial Implications:

- Staff resources from all departments will be required to implement this Strategy. A key component of implementation will be the cross-departmental Zero Waste Managerial Working Group.
- Although a dedicated FTE is recommended in the Strategy, no funding is currently available to dedicate to this area. Planning, Property and Development will take a lead role in coordinating the implementation of the Strategy, working closely with Solid Waste.
- The annual operating budget for infrastructure and services will include a line item for waste reduction initiatives as recommended by the Zero Waste Managerial Working Group.
- Organic waste diverted to composting facilities is exempt from the provincial WRARS landfill levy of $10 per tonne.
- The *Manitoba Composting Support Program* provides a $10 per tonne incentive payment to registered facilities such as Brady Road Resource Recovery Facility processing more than 2,500 tonnes of organic waste per year.

HISTORY

Background:

In addition to demonstrating green leadership in government, the Corporate Waste Reduction Strategy fulfills Direction 05-02 in *A Sustainable Winnipeg* which states: "Incorporate sustainable practices into

internal civic operations, programs and services" and the specific enabling strategy "create a corporate waste diversion strategy for the organization, including baselines and benchmarks."

Since 2011 the total quantity of solid waste disposed by City operations has seen a year over year increase, averaging 7% per year over the past three years, compared to an average increase in the City population of 3%, and increase in the number of employees of only 2%. In addition to an understanding of the organization's waste stream (including baseline data for two City facilities), the Strategy provides a framework for implementation of a waste reduction strategy in all facilities.

Waste audits were completed at City Hall and Cindy Klassen Recreation Complex to provide baseline information on the success of current waste reduction programs in our facilities. The results of the waste audits show City Hall is currently achieving an overall waste diversion rate of 61% and Cindy Klassen Recreation Complex's waste diversion rate is 13%.

In response to these audit results, pilot waste reduction projects are now under way in Planning, Property and Development office buildings and the Cindy Klassen Recreation Complex. Based on the results of these 2015 pilot projects, recommendations may be brought forward for implementation of similar strategies in all City facilities.

The Strategy recommends that we commit to the Corporate Waste Reduction Strategy, including implementation of zero waste policies, targets and timelines (Table A).

Table A: Waste Reduction and Diversion Targets

Facility Category	Diversion Rate	Waste Diversion Targets		
	Current (Estimated)	Short Term 2015-2017	Medium Term 2017-2020	Long Term 2025
Corporate Office	40%	50%	65%	90%
Public Recreation, Community Service and Cultural Venues	15%	30%	45%	70%
Operations and Maintenance Yards	30%	50%	65%	80%
Green Spaces	80%	85%	90%	100%
Public Use Waste Containers	5%	20%	30%	40%
Public Service	30%	40%	50%	60%
Overall Corporate Diversion Target[1]	**29%**	**42%**	**52%**	**65%**
Overall Corporate Reduction Target	**--**	**2%**	**5%**	**10%**

[1]Weighted average is calculated taking into account the current total tonnage of waste disposed as presented in Table A.

The Strategy aligns with the 50% residential waste diversion target identified in the Garbage and Recycling Plan, as well as the ongoing work to develop a community organics diversion program in Winnipeg.

The Province of Manitoba has publicly stated its intent to increase per capita organic waste diversion from 30 kg in 2013 to 85 kg in 2020 and current discussions include a ban on organics from landfill by 2020. As such, the implementation of a Corporate Waste Reduction Strategy is a proactive response to waste reduction programs that may be proposed by the Province in the short to medium term.

Implementation:

The Strategy identifies that dedicated staff resources will be key to its successful implementation, along with a line item for capital improvements to waste infrastructure in annual operating budgets for infrastructure and services.

A commitment to zero waste reduction policies and waste diversion targets will require senior level management participation in a cross-departmental Managerial Zero Waste Working Group. This Working Group will develop programs and be accountable for specific actions that help the City meet established waste reduction targets.

The Strategy recommends that a Managerial Zero Waste Working Group be established to develop an in depth implementation plan based on the Strategy. The working group would be responsible for identifying and securing resources, developing and implementing pilot projects to field test and assess new programs, allocating budgets, providing performance measurement, and setting out a detailed implementation schedule.

The establishment of a Zero Waste Manager was a strong recommendation of the Strategy to oversee change, be a knowledgeable resource, implement new programs, monitor performance and identify best practices. Currently, no funding is available to dedicate a full-time position to this work. It is proposed that the Environmental Coordinator, with assistance from the Climate Change Coordinator, take a lead on the implementation of this Strategy given their positions are within a centralized department that can work across the organization.

The Strategy prioritizes waste reduction in office facilities for one of the initial implementation phases. Strategies include the removal of excess and unpaired waste bins, better signage, education about unique waste streams such as electronics, pens and batteries, janitorial training, creating central area waste sorting stations (instead of every office having a garbage bin), waste auditing, organic materials diversion, and right sizing bin equipment. As such, PP&D is rolling out a department wide office waste reduction pilot with project cost of approximately $12,000. This office waste reduction pilot will be paid for using existing funds and has leveraged funding support from partner organizations.

Another priority area emerging from the Strategy's waste audit is enhanced recycling in public recreation facilities. This may include strategies such as removing excess waste bins, pairing recycling and waste containers, installation of waste reduction stations, right sizing bins, follow up waste audits, custodial training and educational and awareness campaigns. This pilot project aligns with CBCRA /Recycle Everywhere program priorities for 2015 and they have agreed to partner on the enhanced recycling pilot project initiated in January 2015. The City's portion of the Cindy Klassen Recreation Complex pilot project costs are less than $5,000 and have been identified using existing budgets.

The Strategy identifies the need to prioritize organic waste diversion in all facility types as this is a significant component of the waste stream. As such, a proposal was submitted to the WRAPP Fund managed by the Province of Manitoba to fund a pilot project for organics diversion at City Hall. Last week, the civil service received notification that the proposal was approved for up to $20,000 and planning for the organics collection program is underway.

FINANCIAL IMPACT

Financial Impact Statement Date: March 11, 2015

Project Name:

Completion of Corporate Waste Reduction Strategy

COMMENTS:

There are no direct financial implications associated with the recommendations contained in this report.

"Original Signed By"
Mike McGinn, CA
Manager of Finance

CONSULTATION

In preparing this report there was consultation with:

- Water and Waste
- Community Services
- Public Works
- Transit
- Corporate Finance

SUBMITTED BY

Department:	Planning Property and Development
Division:	Urban Planning
Prepared by:	Lindsay Mierau, Environmental Coordinator
Date:	March 20, 2015
File No.	O:\Reports Directive\Planning and Land Use\Environment and Sustainability\Corporate Waste Reduction\ADMINREPORT PPD CWR Feb 2015

Attachment A: Corporate Waste Reduction Strategy



City of Winnipeg
Corporate Waste Redu