Agenda - Executive Policy Committee - December 10, 2003

Report - Standing Policy Committee on Public Works - December 9, 2003

Item No. 1 Recycling Activity Status Report
File WT-1.3

STANDING COMMITTEE RECOMMENDATION:

On December 9, 2003, the Standing Policy Committee on Public Works concurred in the administrative recommendation, namely, that the report be received as information and submits the matter to Council.

Agenda - Executive Policy Committee - December 10, 2003

Report - Standing Policy Committee on Public Works - December 9, 2003

DECISION MAKING HISTORY:

STANDING COMMITTEE RECOMMENDATION:

On December 9, 2003, the Standing Policy Committee on Public Works concurred in the administrative recommendation and submitted the matter to Executive Policy Committee and Council.

RE: **RECYCLING ACTIVITY STATUS REPORT**

FOR SUBMISSION TO: STANDING POLICY COMMITTEE ON PUBLIC WORKS

ORIGINAL REPORT SIGNED BY: Director of Water and Waste

REPORT DATE: November 14, 2003

RECOMMENDATION(S):

That this report be received as information.

REPORT SUMMARY

KEY ISSUES:

- To report the amount of residential recycling that is taking place in the City of Winnipeg to the Standing Policy Committee on Public Works.

IMPLICATIONS OF THE RECOMMENDATION(S):

General Implications

	None
	For the organization overall and/or for other departments
X	For the community and/or organizations external to the City of Winnipeg
	Involves a multi-year contract

Comment(s): None.

Policy Implications

X	No
	Yes – Comment(s):

Environmental Implications

X	None
	Yes – Comment(s):

Human Resources Implications

X	No
	Yes – Comment(s):

Financial Implications

X	Within approved current and/or capital budget
	Current and/or capital budget adjustment required

Comment(s):

None.

REPORT

REASON FOR THE REPORT:

To provide an update on the diversion of recyclable materials from the solid waste stream on a quarterly basis as directed by Council on May 23, 2001.

HISTORY:

On August 24, 1995, a blue box recycling program was implemented for single-family residences.

On May 23, 2001, Council approved a Waste Minimization Strategy that included, in part, *"that a recycling target of 34,000 tonnes per year be established for single and multiple family residences and that the Standing Policy Committee on Public Works report to Council on a quarterly basis with respect to achieving the recycling target and the impact on garbage quantities going to the Brady Road Landfill. The target and progress towards it is to be advertised and made available on the City's internet site."*

On November 1, 2001, a comprehensive recycling program was implemented for multi-family residences.

Between March 5, 2002 and July 8, 2003, the Standing Policy Committee on Public Works received as information six quarterly Recycling Activity Reports, covering the periods from October 2001 to March 2003, and Council subsequently adopted these reports.

DISCUSSION:

A summary of the recycling activity and residential garbage generation is contained in Appendix A.

The amount of recycling has increased significantly since Council approved the waste minimization strategy and the implementation of a multi-family residential recycling program. In the first three quarters of 2003, recycling has increased by 10% as compared to the same period in 2002, and by 50% over the same period in 2000. In 2003, the recycling activity is estimated to reach 35,842 tonnes, and will exceed the goal of 34,000 tonnes per year established by Council on May 23, 2001.

The table below details the changes in recycling activity for each program type.

Year	Single Family Blue Box * (tonnes)	Multi-family Recycling (tonnes)	Depot (tonnes)	Total (tonnes)
2000	22,183	0	1,812	23,995
2001	25,327	849	2,337	28,513
2002	25,937	5,211	1,833	32,981

* includes multifamily locations (with less than 8 dwelling units) and bungalow condominiums.

While the amount of recycling is expected to exceed the target of 34,000 tonnes, the amount of garbage being generated by City of Winnipeg residents continues to be a concern. A reduction in the amount of garbage being collected is an important goal of a waste minimization program. There are many factors that influence the amount of garbage being collected. Some of these are economic growth, length of the growing season, new home building, recycling activity, population growth, etc. While it is difficult to determine what is exactly causing the variation in the amount of garbage being collected, some notable facts can be observed.

- In 2001, the garbage tonnage decreased by an amount comparable to the increase in recycling.

- In 2002, garbage tonnage was lower than expected perhaps due to the shortened fall yard cleanup season. In 2003 the garbage is higher than expected perhaps due to the postponed yard cleanups from the fall of 2002 and some of the other factors mentioned above that impact garbage collection amounts.

- Garbage in the AutoBin area continues to increase at a rate higher than other parts of the City. During the first three quarters of 2003, AutoBin garbage increased by 9.5% over the same period in 2002. The remainder of the City with manual garbage collection had an increase of 2.3% over the same periods.

- To assist residents in reducing the amount of waste they produce, the City has had two successful backyard composter sales. These sales have resulted in residents purchasing 15,000 backyard composters that will have a beneficial impact on the amount of garbage collected.

This information on the recycling target can be found on the City of Winnipeg's Internet site at http://www.winnipeg.ca/waterandwaste/recycling.stm.

FINANCIAL IMPACT:

The following financial impact statement for this project has been prepared in accordance with the recommendation adopted by Council on December 13, 2000.

Financial Impact Statement **Date:** 14-Nov-03

Project Name:

COMMENTS: There is no financial impact resulting from the recommendation of this report

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Moira L. Geer C.A.
Manager of Finance & Administration

IN PREPARING THIS REPORT THERE WAS CONSULTATION WITH AND CONCURRENCE BY:

No other departments were involved in preparing this report.

THIS REPORT SUBMITTED BY:

Water and Waste Department
Solid Waste Services Division
Prepared by: J. Dan McInnis, P. Eng.
File No. 011-15-08-10-00

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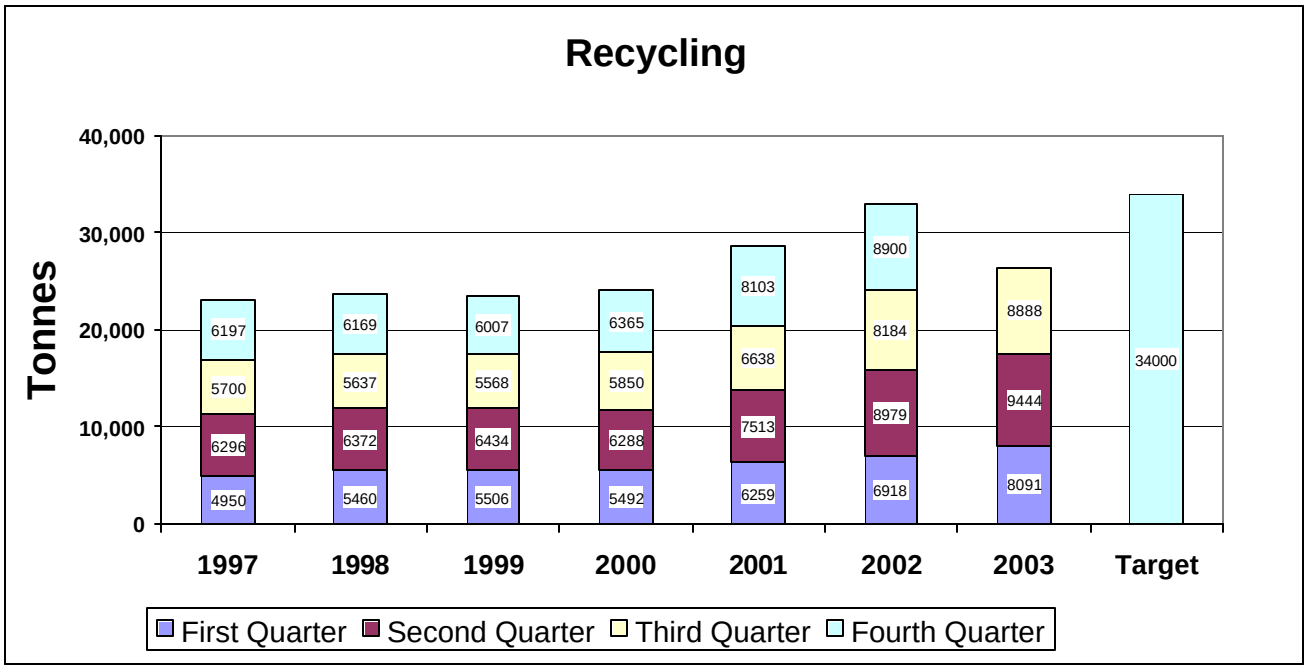
Appendix A

Year	1st Three Quarters Recycling (tonnes)	Annual Recycling (tonnes)	1st Three Quarters Single Family Garbage (tonnes)	1st Three Quarters Total Residential Garbage (tonnes)	Annual Single Family Garbage (tonnes)	Annual Total Residential Garbage (tonnes)	Annual Total Garbage and Recycling (tonnes)
1997	16,946	23,143	125,425	154,425	163,349	202,006	225,149
1998	17,469	23,638	133,641	164,272	174,698	215,664	239,302
1999	17,508	23,515	138,495	169,421	183,181	224,480	247,995
2000	17,630	23,995	146,202	177,541	189,953	231,766	255,761
2001	20,410	28,513	142,870	173,240	185,901	225,822	254,335
2002	24,081	32,981	141,923	170,214	181,635	218,639	251,620
2003	26,408	*35,842**	145,882	174,829	*190,024**	*228,806**	*264,648**

**** Estimated***


Recycling
Tonnes
40,000
30,000
20,000
10,000
0
1997
1998
1999
2000
2001
2002
2003
Target
6197
5700
6296
4950
6169
5637
6372
5460
6007
5568
6434
5506
6365
5850
6288
5492
8103
6638
7513
6259
8900
8184
8979
6918
8888
9444
8091
34000
First Quarter
Second Quarter
Third Quarter
Fourth Quarter