Agenda - Executive Policy Committee - July 16, 2003

Report - Standing Policy Committee on Public Works - July 8, 2003

Item No. 2 Recycling Activity Status Report
File WT-1.3

STANDING COMMITTEE RECOMMENDATION:

On July 8, 2003, the Standing Policy Committee on Public Works concurred in the administrative recommendation, namely that the report be received as information and submits the following to Council.

Agenda - Executive Policy Committee - July 16, 2003

Report - Standing Policy Committee on Public Works - July 8, 2003

DECISION MAKING HISTORY:

STANDING COMMITTEE RECOMMENDATION:

On July 8, 2003, the Standing Policy Committee on Public Works concurred in the administrative recommendation, namely that the report be received as information 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: June 9, 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.

On March 5, 2002, the Standing Policy Committee on Public Works received as information the Recycling Activity Report for the period from October to December 2001, and Council subsequently adopted the report on March 20, 2002.

On May 28, 2002, the Standing Policy Committee on Public Works received as information the Recycling Activity Report for the period from January to March 2002, and Council subsequently adopted the report on June 19, 2002.

On September 10, 2002, the Standing Policy Committee on Public Works received as information the Recycling Activity Report for the period from April to June 2002, and Council subsequently adopted the report on September 25, 2002.

On November 19, 2002, the Standing Policy Committee on Public Works received as information the Recycling Activity Report for the period from July to September 2002, and Council subsequently adopted the report on December 11, 2002.

On February 11, 2003, the Standing Policy Committee on Public Works received as information the Recycling Activity Report for the period from October to December 2002, and Council subsequently adopted the report on February 26, 2003.

DISCUSSION:

The diversion target of 34,000 tonnes of recyclable materials reflects the minimum recycling rate expected for a community the size of the City of Winnipeg with a user fee system for garbage collection services.

A summary of the recycling activity and residential garbage generation is as follows:

Year	1st Quarter Recycling (tonnes)	Annual Recycling (tonnes)	1st Quarter Single Family Garbage (tonnes)	1st Quarter Total Residential Garbage (tonnes)	Annual Single Family Garbage (tonnes)	Annual Total Residential Garbage (tonnes)
1997	4,950	23,143	26,911	36,620	163,349	202,006
1998	5,460	23,638	29,040	39,064	174,698	215,664
1999	5,506	23,515	30,193	40,474	183,181	224,480
2000	5,492	23,995	33,666	44,087	189,953	231,766
2001	6,259	28,513	32,495	41,408	185,901	225,822
2002	6,918	32,981	30,481	38,325	181,635	218,639
2003	8,090	N.A.	32,324	40,501	N.A.	N.A.

The amount of recycling has increased since Council approved the waste minimization strategy and the implementation of multi-family residential recycling program. In the first quarter of 2003, recycling has increased by 17% as compared to the same period in 2002, and by 47% over the same period in 2000. The increase is mainly due to the provision of comprehensive recycling services at multi-family residential locations on November 1, 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.

Appendix A to this report contains a graph showing the recycling activities since 1997.

The participation rate for single-family dwellings in 2002 was found to be an average of 84% as compared to 74% in an identical study conducted in 1998. Ninety three percent of the multifamily locations participate as well.

In general, the amount of residential garbage appears to be decreasing and there is a corresponding increase in recycling. However there was an increase of 6% in the first quarter of 2003 as compared to the same period in 2002. This apparent increase may be a short-term phenomenon. The amount of garbage will be monitored and comments provided in subsequent reports. A reduction in garbage going to the landfill is an important goal of recycling.

This information on the recycling target can be found on the City of Winnipeg's Internet site.

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:** June 9, 2003

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

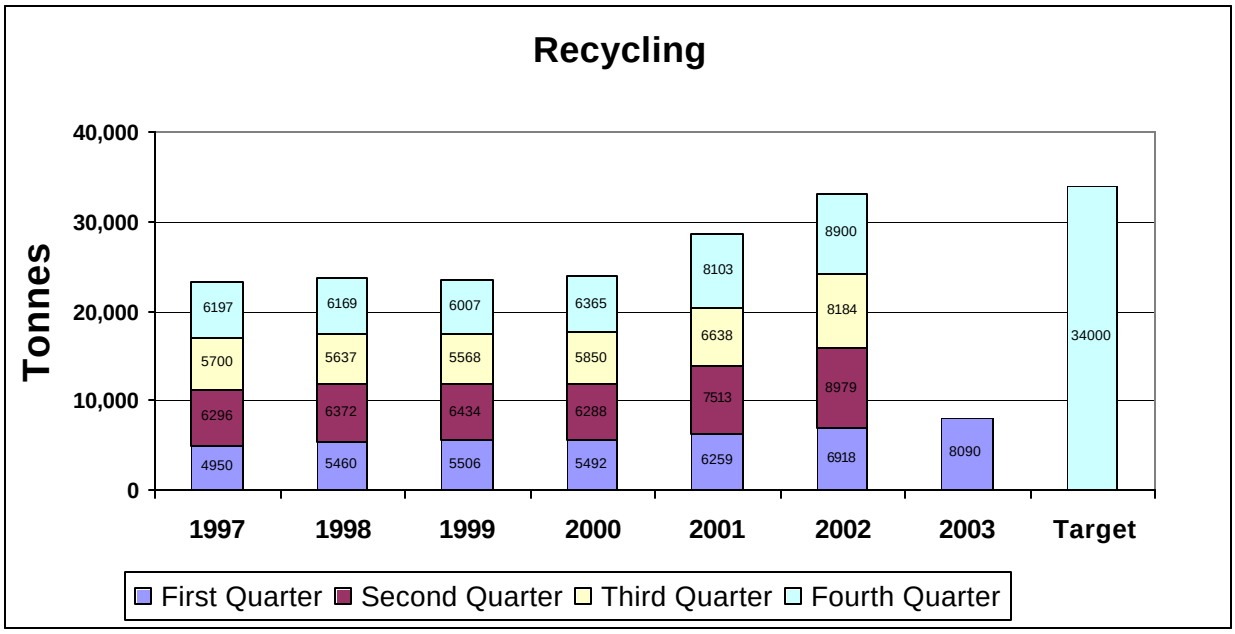
IN PREPARING THIS REPORT THERE WAS CONSULTATION WITH AND CONCURRENCE BY:

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

Appendix A


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
8090
34000
First Quarter
Second Quarter
Third Quarter
Fourth Quarter