Report - Standing Policy Committee on Public Works - November 19, 2002

4. Recycling Activity Status Report
File WT-1.3 (Vol. 22)

STANDING COMMITTEE RECOMMENDATION:

On November 19, 2002, the Standing Policy Committee on Public Works recommended that the report be received as information and submits it to Council for their information.

Re: RECYCLING ACTIVITY STATUS REPORT

For submission to: **Standing Policy Committee on Public Works**

Original report signed by: **Barry D. MacBride, P. Eng.**

Report date: **October 20, 2002**

In camera item: **No**

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: None

Policy implications

X	No
	Yes

Comment: None.

Financial Implications

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

Comment: None

Report

Recommendation(s):

That this report be received as information.

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.

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.

Year	1st Three Quarters Recycling (tonnes)	1st Three Quarters Residential Garbage (tonnes)	Annual Recycling (tonnes)	Annual Residential Garbage (tonnes)
1997	16,946	154,425	23,143	202,006
1998	17,469	164,272	23,638	215,664
1999	17,508	169,421	23,515	224,480
2000	17,630	177,541	23,995	231,766
2001	20,410	173,240	28,513	225,822
2002	23,635	170,214	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 nine months of 2002, recycling has increased by 16% as compared to the same period in 2001, and by 34% over the same period in 2000.

The comprehensive multi-family recycling program was implemented on November 1, 2001.

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

During the summer of 2002, a single-family residential participation rate study was completed. The results indicate the percentage of homes that set out a recycling blue box at least once in 5 consecutive collection cycles. The participation rate for 2002 was found to be an average of 84% as compared to 74% in an identical study conducted in 1998. As well, the study found that participation varied with the socio-economic conditions of the neighbourhood and type of garbage collection services. Neighbourhoods with homes assessed at over $150,000 were more likely to participate (92%) than neighbourhoods with homes assessed at under $60,000 (71%). The study also indicates that neighbourhoods with AutoBins are less likely to recycle (73%) than similar non-AutoBin neighbourhoods (78%).

Based on the amount of recycling that has taken place since the start of the comprehensive multi-family recycling program, it is projected that the total recycling program will divert 32,100 tonnes of material from the waste stream per year. This amount is less than the target of 34,000 tonnes established by Council on May 23, 2001.

The amount of residential garbage appears to be decreasing and there is a corresponding increase in recycling. 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 Statement:

Project Name: Recycling Activity Status Report

Date: October 20, 2002 First Year of Program **2002**

	2002	2003	2004	2005	2006
Capital					
Capital Expenditures Required					
Less: Existing Budgeted Costs					
Additional Capital Budget Required	$ -	$ -	$ -	$ -	$ -
Funding Sources:					
Debt - Internal					
Debt - External					
Grants (Enter Description Here)					
Reserves, Equity, Surplus					
Other - Enter Description Here					
Total Funding	$ -	$ -	$ -	$ -	$ -
Total Additional Capital Budget Required	$ -				
Total Additional Debt Required	$ -				
Current Expenditures/Revenues					
Direct Costs	$ 20,000	$ 20,000			
Less: Incremental Revenue/Recovery					
Net Cost/(Benefit)	$ 20,000	$ 20,000	$ -	$ -	$ -
Less: Existing Budget Amounts	20,000	20,000			
Net Budget Adjustment Required	$ -	$ -	$ -	$ -	$ -

Additional Comments: Direct costs incurred are for promotion activities associated with the recycling target.

Manager of Finance & Administration

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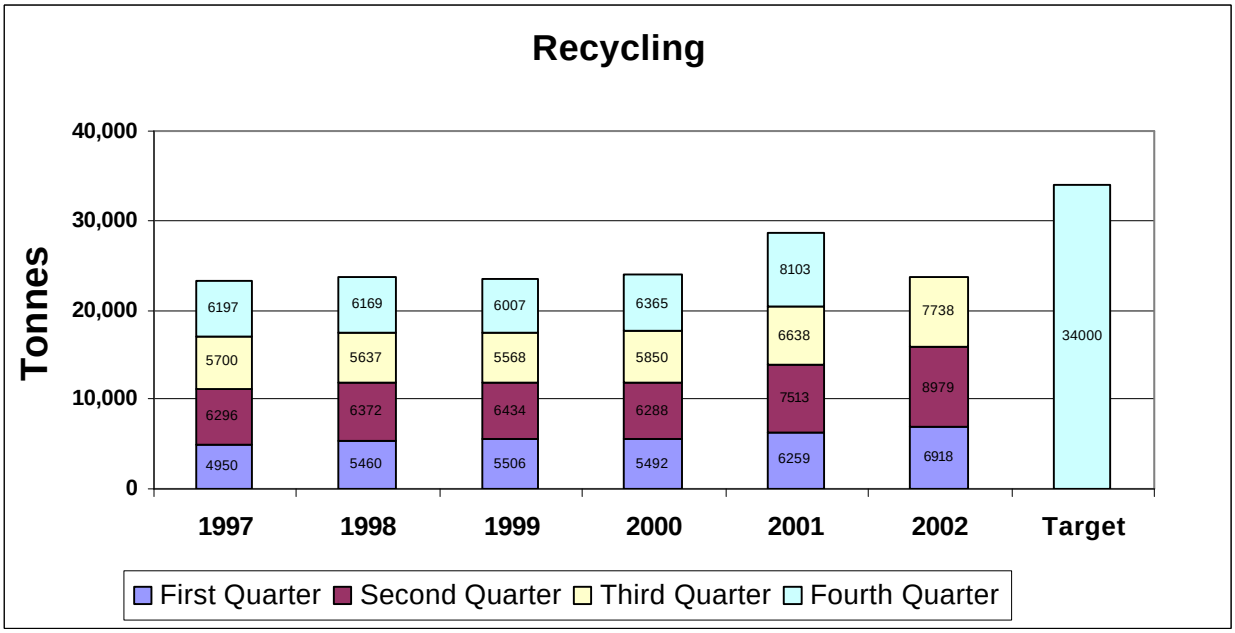
In preparing the report, there was consultation with and concurrence by:
No other departments were involved in preparing this report.
This Report Submitted By:
Water and Waste Department
Solid Waste Services Division
Prepared by: J. Dan McInnis, P. Eng.
File No. 011-15-08-10-00

Appendix A


Recycling
Tonnes
40,000
30,000
20,000
10,000
0
1997
1998
1999
2000
2001
2002
Target
4950
6296
5700
6197
5460
6372
5637
6169
5506
6434
5568
6007
5492
6288
5850
6365
6259
7513
6638
8103
6918
8979
7738
34000
First Quarter
Second Quarter
Third Quarter
Fourth Quarter