**Minute No. 528**
**Report - Standing Policy Committee on Public Works - July 8, 2003**

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

COUNCIL DECISION:

Council concurred in the recommendation of the Standing Policy Committee on Public Works, namely that the report be received as information.

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

DECISION MAKING HISTORY:

Moved by Councillor Angus,

That the recommendation of the Standing Policy Committee on Public Works be adopted by consent.

Carried

EXECUTIVE POLICY COMMITTEE RECOMMENDATION:

On July 16, 2003, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Public Works and submitted the matter to Council.

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.

| 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. |

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

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

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

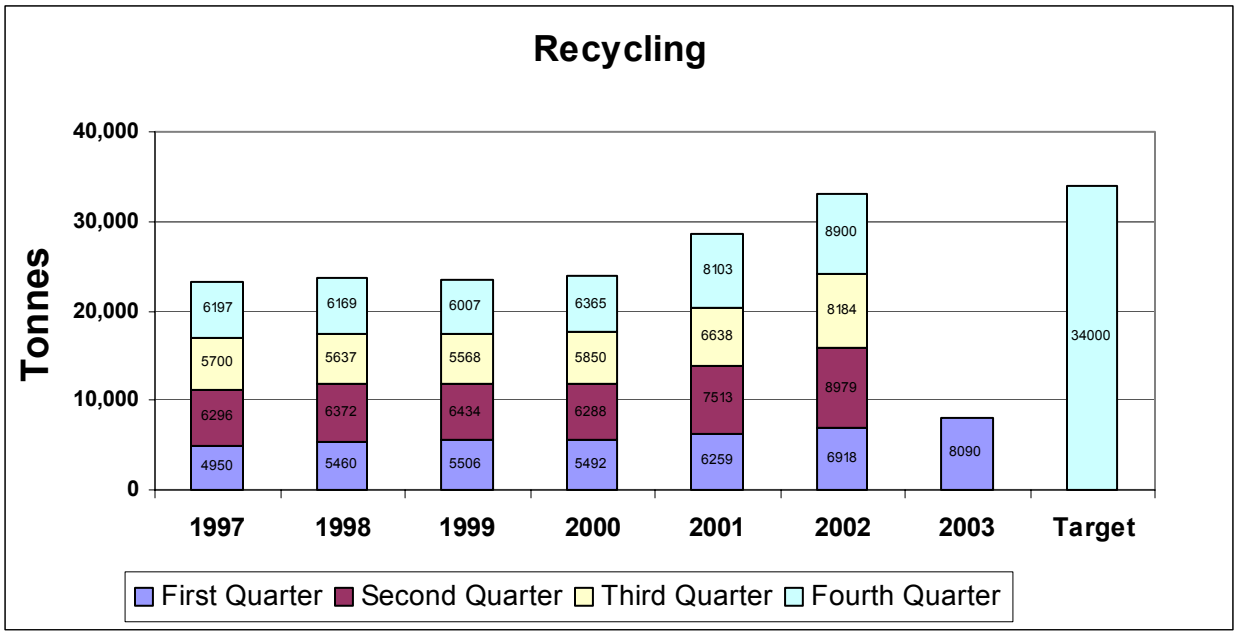
**IN PREPARING THIS REPORT THERE WAS CONSULTATION WITH AND CONCURRENCE BY:**

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
4950
6296
5700
6197
5460
6372
5637
6169
5506
6434
5568
6007
5492
6288
5850
6365
6259
7513
6638
8103
6918
8979
8184
8900
8090
34000
First Quarter
Second Quarter
Third Quarter
Fourth Quarter