

REPORT
Regular Council Meeting
1992 January 27

THE CORPORATION OF THE DISTRICT OF BURNABY
ENVIRONMENT AND WASTE MANAGEMENT COMMITTEE

HIS WORSHIP, THE MAYOR
AND ALDERMEN:

SUBJECT: TO PROVIDE UPDATED STATISTICS ON BURNABY'S
RESIDENTIAL REFUSE AND RECYCLING OPERATIONS FOR 1991

RECOMMENDATION:

1. THAT Council send a copy of this report to the GVRD, and the office of the Project Manager of the Solid Waste Management Planning Project.

REPORT

The Environment and Waste Management Committee, at its meeting held 1992 January 21 received and adopted the attached staff report providing statistics on Burnaby's residential refuse and recycling operations for 1991.

The Committee therefore submits the statistics on Burnaby's residential refuse and recycling operations in 1991 for the information of Council.

Respectfully submitted,

INTERNAL DISTRIBUTION:
AGENDA 1992 JANUARY 27
COPY - ACTING MUNICIPAL MANAGER
- DIR. ADMIN. & COMM. SERV.
- DIRECTOR ENGINEERING
- DIR. PL. & BLDG.
- ACTING CHIEF PUBLIC HEALTH INSP.

Alderman L.A. Rankin
Chair

Alderman D.P. Drummond
Member

Alderman D.G. Evans
Member

Alderman D. Lawson
Member

Alderman C. Redman
Member

THE CORPORATION OF THE DISTRICT OF BURNABY

Inter-Office Communication

TO: CHAIRMAN AND MEMBERS,
ENVIRONMENT & WASTE
MANAGEMENT COMMITTEE

DATE: 1992 01 13

FROM: DIRECTOR ENGINEERING

FILE: 65-01-01

SUBJECT: To provide updated statistics on Burnaby's residential refuse and recycling operations for 1991.

RECOMMENDATION:

1. THAT the Environment and Waste Management Committee recommend to Council:
 - a) A copy of this report be sent to the GVRD, and the office of the Project Manager of the Solid Waste Management Planning Project

DISCUSSION

This report presents 1991 statistics on residential waste collection volumes and waste diversion through Burnaby recycling programs.

Burnaby in 1991 saw the first full year of operation of both curbside multi-material curbside collection programs and the recycling depot at Still Creek.

The successful implementation of municipal collection of news-paper, mixed paper, and comingled containers in January led to 15% of the waste stream collected at curbside being diverted to processing facilities for recycling.

The attached Figure 1 graphically summarizes collection statistics for the past year. Approximately 36,000 residences were served on weekly basis. It should be pointed out that the lower volumes for the last two weeks of the year represent 2 and 3 day collections and are not representative of a trend.

* Overall, average weekly refuse collection volumes at curbside were just under 590 tonnes, while average weekly recycling volumes were just under 102 tonnes.

* As shown by the graph, recycling volumes were markedly more consistent than refuse volumes. Recycling volumes dropped off slightly for a period in the summer, probably attributable to family vacation periods and a change in consumer habits during the summer months.

* Refuse volumes showed a seasonal variation attributable to the growing season, and autumn leaf clean-up. North American waste studies indicate that up to 30% of the waste stream is made up of compostable materials, mostly yard waste and the peaks in Burnaby collection are generally attributable to these wastes.

The attached Figure 2 shows graphically the combined total materials collected at curbside and at the depot. The continuation of collection of a wider range of materials at the recycling depot served to increase overall diversion rates to just over 18%.

In 1991 Burnaby took a strong stance in public education and promotion in solid waste issues. Continued outreach to schools and environmental events was key in public education as was development of a series of recycling and solid waste reduction brochures specific to Burnaby collection protocols. These complemented articles in Information Burnaby and advertisements in local papers.

CONCLUSION

With its 1991 operations Burnaby has taken substantial first steps in working toward provincial targets for reducing the amount of municipal waste going to disposal by 30% by 1995 and 50% by the year 2000.

Although processing and disposal technologies continue to change at a rapid pace, staff continue to see our municipal function as primarily that of operating effective and efficient collection programs feeding to regional processing and disposal facilities.

Regional Solid Waste Management Plans are currently under review, and staff will continue to work within the Review Project and standing regional staff committees on addressing future action plans, supporting Burnaby's traditional stance for regional strategies.

RGB:
Attach.

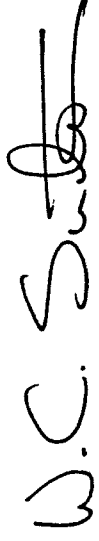

W.C. Suter
DIRECTOR ENGINEERING

Figure 1

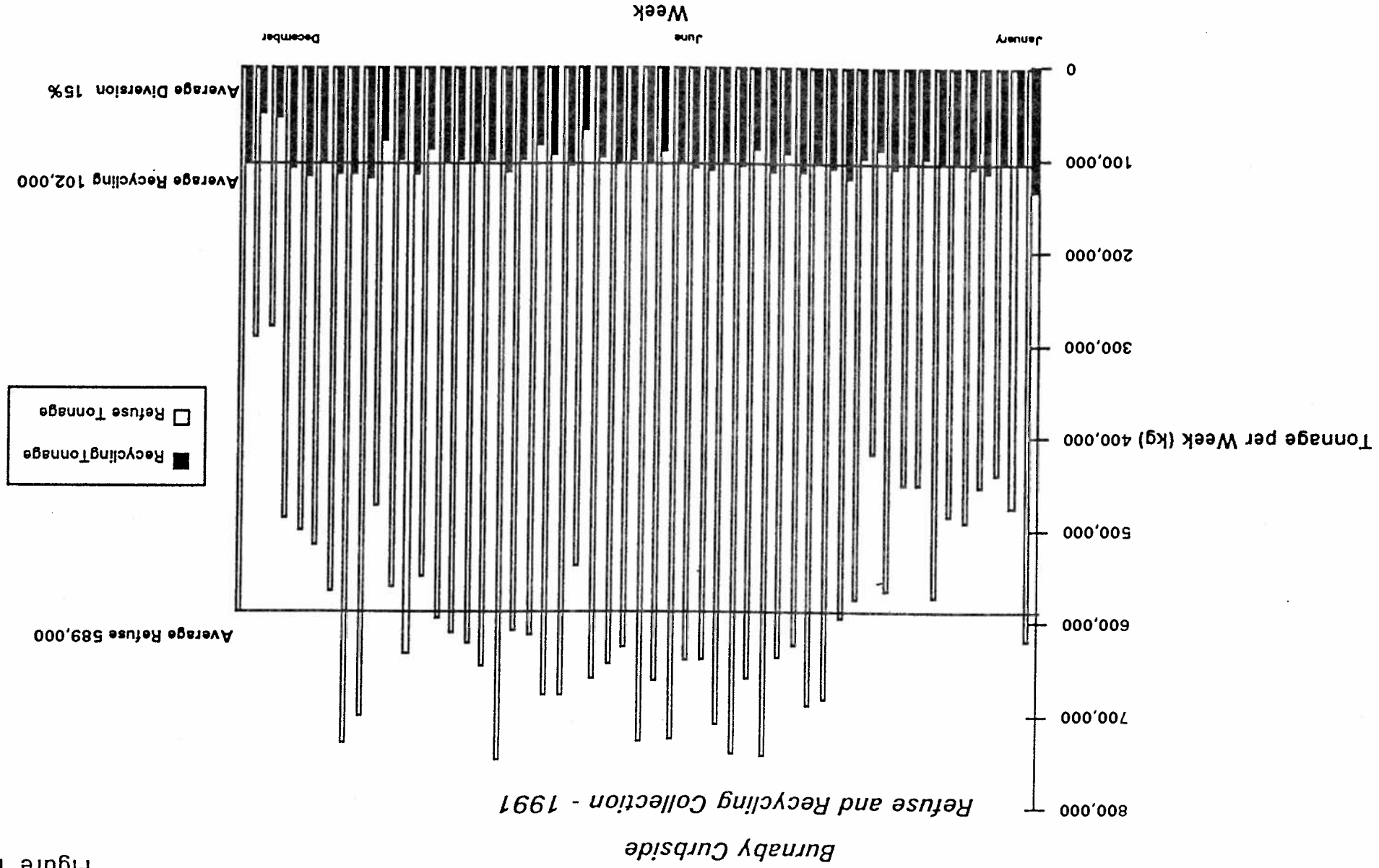


Figure 2

