

REPORT
REGULAR COUNCIL MEETING
1990 APRIL 02

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

HIS WORSHIP, THE MAYOR
AND ALDERMEN

REPORT OF THE ENVIRONMENT AND WASTE MANAGEMENT COMMITTEE
RE: DISPOSAL OF RECYCLED MATERIALS COLLECTED BY THE
MUNICIPALITY

RECOMMENDATION:

1. THAT Council receive this report for information purposes.

REPORT

1.0 BACKGROUND

As Council is aware, the Municipality currently operates two recycling depots. The concept of these recycling depots is proving to be extremely popular to the residents of Burnaby. Although these depots can be regarded as something of a precursor to our proposed multi-material curbside collection program, the volume of recyclables has steadily increased. The level of participation at the Stride Avenue (now Southpoint Drive) Depot can be seen in Appendix I. In addition to the increasing volume of materials received, the Municipality has also increased the range of types of materials accepted. A consequence of this fledgling service has been the implementation of several ad hoc arrangements for the pick-up and disposal of recyclables.

At the present time there are several companies who are picking up various recyclables from Burnaby's recycling depots and although in some cases the Municipality receives some remuneration in most cases there is no payment and in the case of mixed paper and glass we have been advised that effective 1990 March 01 we will be subject to a pick-up charge. There are no properly executed agreements with the various companies and any payments are done by purchase order.

The Municipality is therefore subject to the vagaries of a fluctuating market and we have no recourse in the event of a contractual default.

The Municipality has consistently maintained that the processing and marketing of recyclables should be centrally administered through the G.V.R.D. This viewpoint is becoming shared throughout the region. G.V.R.D. staff are currently preparing contract documents for a tender call for processing and marketing of recyclables. Notwithstanding this tender call, the current

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timetable does not project a G.V.R.D. facility to be on stream prior to 1990 November. It would behoove the Municipality to introduce some degree of control and stability into the system under which we dispose of our recyclables.

2.0 REQUESTS FOR PROPOSALS

In addition to the two recycling depots, the Municipality offers a special pick-up service for bulky "white metal" items such as fridges, stoves, hot water tanks, etc. and thus these appliances are diverted from the regular waste stream.

Until such time as the G.V.R.D. has regional processing and marketing facilities in place it is recommended that the Municipality enter into agreements which will improve stability in the disposing of our recyclables. It is recommended that two Requests for Proposals (RFP) be issued as follows:

- pick-up, processing and marketing of "depot" recyclables;
- pick-up, processing and marketing of "white metal" items.

2.1 "Depot" Recyclables

It is intended that this RFP would cover glass, newspaper, mixed paper, cardboard, aluminum, ferrous metals, other large metal items such as bicycles and scrap metal, plastics and used cloth material. The only exception would be the disposal of used motor oil. It is intended that we would retain our arrangement with Mohawk Oil Ltd. The current arrangement with Mohawk is working well and they are the only oil company in this area who offer the service of recycling used motor oil. This RFP would cover the facilities at Old Orchard Shopping centre in addition to the Still Creek Avenue and Stride Avenue recycling depots.

2.2 "White Metal" Recyclables

As Council is aware, Burnaby is unique in its freon recovery system with J.P.A. Appliances Ltd. At present, the Municipality picks up white metal items and takes them to a metal recycler with the exception of fridges and freezers which are first given to J.P.A. for freon removal. J.P.A. has approached the Municipality with a proposal to expand his recycling services to include all white metal items. J.P.A.'s suggestion includes the reconditioning and resale of appliances and parts. Any surplus components would then be recycled for scrap metal value.

This concept fits well with the Municipality's commitment to reduce the waste stream however staff are of the opinion that a contract cannot be unilaterally awarded to J.P.A. It is intended, therefore, to issue a RFP for white metal items. The RFP would stipulate freon recovery as a requirement and would give emphasis to the reconditioning and resale of discarded appliances.

3.0 CONCLUSION

The Municipality needs to introduce stability into the disposal of recyclables. It is recommended that two RFPs be issued for the disposal and marketing of recyclables until such time as the G.V.R.D. implements centralized processing facilities, anticipated to be 1990 November.

The RFPs would cover firstly "depot" recyclables and secondly "white metal" recyclables.

Respectfully Submitted,

Alderman J. Sawicki
Chair

Alderman D. Drummond
Member

Alderman E. Nikolai
Member

Alderman F.G. Randall
Member

Alderman J. Young
Member

APPENDIX I

PARTICIPATION (VEHICLES)

	MONTHLY TOTAL	DAILY AVERAGE
February	352	14.0
March	417	14.4
April	861	28.7
May	896	29.9
June	1,083	36.1
July	1,258	40.6
August	1,341	43.3
September	1,428	47.6
October	1,670	55.7
November	1,723	59.4
December	<u>2,330</u>	<u>80.3</u>
	13,359	40.9

MATERIALS (TONNES)

	Newspaper	Cardboard	Mixed Paper	Glass Clear	Glass Green	Glass Brown	Metal Cans	Steel	Plastic	Oil (Gallons)	Cloth	Total
February	2.5	.9	-	2.0	1.0	-	3.1	-	-	-	-	9.5
March	3.2	1.0	.5	2.5	1.0	-	2.4	4.8	-	-	-	15.4
April	4.5	1.7	2.8	3.6	1.9	-	6.2	11.3	.2	250	-	32.2
May	6.8	2.5	4.9	3.8	1.7	1.1	9.0	13.1	.5	250	-	43.4
June	8.9	3.4	4.7	6.3	3.9	-	5.7	11.3	.7	250	-	44.9
July	8.0	2.7	4.7	3.5	1.8	1.1	3.8	11.3	.8	300	-	37.7
August	11.1	5.1	6.7	7.1	3.7	1.1	3.5	20.4	.9	600	-	59.6
September	11.3	5.4	7.8	8.5	3.2	1.1	4.3	22.7	1.0	600	.07	65.4
October	12.8	4.9	9.2	8.7	4.2	1.1	4.5	23.6	1.2	700	.23	70.4
November	13.2	3.5	11.1	7.7	4.7	1.1	5.5	8.3*	2.2	800	.36	57.7*
December	18.1	5.7	11.5	8.0	4.6	1.1	6.8	9.1*	3.7	800	.4	69.0*
	100.4	36.8	63.9	61.7	31.7	7.7	54.8	135.9	11.2	4550	1.06	505.2

YEARLY TOTAL WEIGHT (TONNES)

* November/December totals exclude "white metal" items which were picked up by a private contractor during these two months.