

REGIONAL DISTRICT OF NANAIMO

**ENVIRONMENTAL SERVICES COMMITTEE MEETING
TUESDAY, MAY 22, 2001
7:30 PM**

(Nanaimo City Council Chambers)

A G E N D A

PAGES

CALL TO ORDER

DELEGATIONS

- 2 **Bruce Alexander**, re Driftwood Beach Estates Subdivision.
2 **Jerry St. Andre**, re Driftwood Beach Estates Subdivision.
2 **Pat Davidson**, re Driftwood Beach Estates Subdivision.

MINUTES

- 3-5 Minutes of the Environmental Services Committee meeting held on Tuesday,
February 27, 2001.

LIQUID WASTE/UTILITIES

- 6-10 Driftwood Water LSA Initiative - Community Water Connection to 1900
Delanice Way - Area E.
11-14 Decourcey Water Supply LSA Rates & Regulations Amendment Bylaw No.
1097.02.

SOLID WASTE

- 15-18 Garbage and Recyclable Materials Collection Rates Amendment Bylaw No.
1009.04.
19-24 Illegal Dumping Program Status Report.
25-26 2001 Backyard Composter Distribution Program.
27-32 2000 3R's Statistics and Zero Waste Goals.

ADDENDUM

BUSINESS ARISING FROM DELEGATIONS OR COMMUNICATIONS

NEW BUSINESS

IN CAMERA

ADJOURNMENT

PARKSVILLE

CHRYSLER **DODGE** **JEEP**

May 8th, 2001

Regional District of Nanaimo

Attention: Mrs. Maureen Pearse

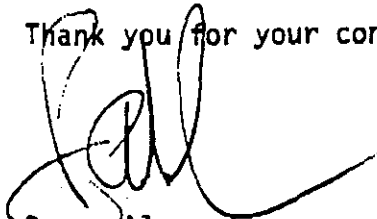
Dear Maureen:

As per our telephone conversation, I would request permission to address the Environmental Services Committee on May 22nd, 2001.

The issue is related to Regional water being brought to the Driftwood Beach Estates subdivision.

Our group is being represented by 3 parties, myself Bruce Alexander, Mr. Jerry St Andre, and Mr. Pat Davidson.

Thank you for your consideration.



Bruce Alexander

SALES • SERVICE • PARTS • BODYSHOP
230 Shelly Rd., Parksville, B.C. V9P 1V6 • Tel: (250) 248-3281 • Fax: (250) 248-2086
Toll Free: 1-800-561-3281 • Email: parksvillechrysler@home.com

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REGIONAL DISTRICT OF NANAIMO

MINUTES OF THE ENVIRONMENTAL SERVICES COMMITTEE MEETING
HELD ON TUESDAY, FEBRUARY 27, 2001, AT 7:51 P.M. IN THE
COUNCIL CHAMBERS OF THE CITY OF NANAIMO
455 WALLACE STREET, NANAIMO, B.C.

Present:

Director L. Sherry Alternate	Chairperson
Director P. Grand	Electoral Area A
Director B. Sperling	Electoral Area B
Director E. Hamilton	Electoral Area C
Director D. Haime	Electoral Area D
Director G. Holme	Electoral Area E
Director J. McLean	Electoral Area F
Director J. Stanhope	Electoral Area G
Director R. Quittenton	Electoral Area H
Director J. Macdonald Alternate	City of Parksville
Director A. Kruyt	Town of Qualicum Beach
Director G. Korpan	City of Nanaimo
Director L. McNabb	City of Nanaimo
Director D. Rispin	City of Nanaimo
Director T. Krall	City of Nanaimo
Director B. Holdom	City of Nanaimo

Also in Attendance:

J. Finnie	General Manager, Environmental Services
B. Lapham	General Manager, Development Services
P. Shaw	Manager, Community Planning
S. Schopp	Manager, Building Inspection & Enforcement
N. Tonn	Recording Secretary

MINUTES

MOVED Director McNabb, SECONDED Director Krall, that the minutes of the November 28, 2000 Environmental Services Committee meeting be amended as follows:

Delete recommendation #2 related to the tipping fee structure and replace with: "That the fee structure be amended to \$4.00 flat rate for loads of 0-100 kg, and for loads of 101 kg or greater, the rate will be \$4.00 for the first 100 kg and \$90 per tonne for the remainder of the load, effective February 1, 2001."

CARRIED

MOVED Director McNabb, SECONDED Director Krall, that the minutes of the regular Environmental Services Committee meeting held on Tuesday, November 28, 2000, be adopted as amended.

CARRIED

MOVED Director McNabb, SECONDED Director Krall, that the minutes of the regular Environmental Services Committee meeting held on Tuesday, January 23, 2001, be adopted.

CARRIED

COMMUNICATIONS/CORRESPONDENCE

Richard Taylor, UBCM, re 2001 Resolution Process.

MOVED Director Korpan, SECONDED Director McLean, that the correspondence received from UBCM with respect to the 2001 resolution process, be received for information.

CARRIED

LIQUID WASTE/UTILITIES

Bylaw No. 889.17 – Amendment to the Northern Community Sewer LSA.

MOVED Director Stanhope, SECONDED Director Kruyt, that “Northern Community Sewer Local Service Area Amendment Bylaw No. 889.09, 1998” be rescinded.

CARRIED

MOVED Director Stanhope, SECONDED Director Kruyt, that “Northern Community Sewer Local Service Area Amendment Bylaw No. 889.17, 2001” be introduced, read three times and forwarded to the Inspector of Municipalities for approval.

CARRIED

Water LSA – Water Regulation and Rates Bylaws.

MOVED Director McNabb, SECONDED Director Holme,:

1. That “Regional District of Nanaimo Nanoose Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 524.10, 2001” be introduced for three readings.
2. That “Regional District of Nanaimo Nanoose Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 524.10, 2001”, having received three readings be adopted.
3. That “Regional District of Nanaimo French Creek Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 619.06, 2001” be introduced for three readings.
4. That “Regional District of Nanaimo French Creek Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 619.06, 2001”, having received three readings be adopted.
5. That “Regional District of Nanaimo Surfside Properties Specified Area Water Regulations and Rates Amendment Bylaw No. 700.07, 2001” be introduced for three readings.
6. That “Regional District of Nanaimo Surfside Properties Specified Area Water Regulations and Rates Amendment Bylaw No. 700.07, 2001”, having received three readings be adopted.
7. That “Regional District of Nanaimo Arbutus Park Estates Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 726.07, 2001” be introduced for three readings.
8. That “Regional District of Nanaimo Arbutus Park Estates Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 726.07, 2001”, having received three readings be adopted.
9. That “Regional District of Nanaimo Madrona Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 727.07, 2001” be introduced for three readings.
10. That “Regional District of Nanaimo Madrona Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 727.07, 2001”, having received three readings be adopted.

11. That "Regional District of Nanaimo Fairwinds Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 764.09, 2001" be introduced for three readings.
12. That "Regional District of Nanaimo Fairwinds Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 764.09, 2001", having received three readings be adopted.
13. That "Regional District of Nanaimo West Bay Estates Water Local Service Area Regulations and Rates Amendment Bylaw No. 815.05, 2001" be introduced for three readings.
14. That "Regional District of Nanaimo West Bay Estates Water Local Service Area Regulations and Rates Amendment Bylaw No. 815.05, 2001", having received three readings be adopted.
15. That "Regional District of Nanaimo Wall Beach Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 886.04, 2001" be introduced for three readings.
16. That "Regional District of Nanaimo Wall Beach Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 886.04, 2001", having received three readings be adopted.
17. That "Regional District of Nanaimo Decourcey Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 1097.01, 2001" be introduced for three readings.
18. That "Regional District of Nanaimo Decourcey Water Supply Local Service Area Regulations and Rates Amendment Bylaw No. 1097.01, 2001", having received three readings be adopted.

CARRIED

MOVED Director Stanhope, SECONDED Director Holme, that staff be requested to bring forward a report to the Board regarding rate structures that will address water conservation.

CARRIED

ADJOURNMENT

MOVED Director Holme, SECONDED Director McNabb, that this meeting terminate.

CARRIED

TIME: 8:56 PM

CHAIRPERSON



OF NANAIMO			
MAY - 9 2001			
CHAIR		GMCrs	
CAO		GMDS	
GMCrs		GMES	
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MEMORANDUM

TO: John Finnie, P. Eng.
General Manager Environmental Services

DATE: April 30, 2001

FROM: Wayne Moorman, PEng
Manager of Engineering and Utilities

FILE: 5500-22-NB-01

SUBJECT: Driftwood Water Local Service Area Initiative
Community Water Connection to 1900 Delanice Way, Nanoose

PURPOSE

To consider a request by Pat Davidson and Margariet Hall to obtain a community water connection to 1900 Delanice Way, Strata Lot 3, Plan VIS 3905, Nanoose District, from the new water main on North West Bay Road at Delanice Way.

BACKGROUND

A letter from Mr. Pat Davidson and Ms. Margariet Hall dated December 2, 2000 requests that property at 1900 Delanice Way be temporarily connected to community water at the new water line on North West Bay Road and Delanice Way, and that a permanent water connection be provided from Higginson Road when the Driftwood Water Local Service Area is established. Water Supply to DW WLSA will be via a 200 Diameter main off Claudett Road along the existing Road R/W to Higginson Road.

History:

1. In May 1980 the RDN entered into an agreement with the owner of property located on North West Bay Road for a statutory right of way for water lines and a well. In exchange, the RDN agreed to supply community water to future subdivision of the property providing the owner was responsible for the extension of the distribution piping to connect to the RDN facilities.
2. The parent parcel subsequently subdivided but no applications for water connections were made. The agreement ran with the land and did not expire upon subdivision. The RDN's servicing commitment stayed with the property.
3. On March 6, 1996 the owner of Lot C, Plan 14848, District Lot 102, Nanoose Land District (Mr. Pat Davidson) requested that the water connections guaranteed under the original water right-of-way agreement be transferred outside the Driftwood Area to other properties within the Nanoose Water Local Service Area. It was requested that Lot C (plan attached) be removed from the guaranteed water service since the plans were to subdivide the parcel into three lots with wells on each of the new lots. A PLA from the Highway's Approving Officer was issued on this premise to facilitate subdivision.

4. A Staff report dated March 14, 1996 to ESC on this transfer recommended, "That, subject to the revision of the statutory right-of-way agreement for the Remainder of Lot C, Plan 14848, District Lot 102, approval be granted to transfer the commitment for three water services to three other properties within the Nanoose Local Service Area". This recommendation was approved at the regular Board Meeting of April 9, 1996.
5. Following this motion Mr. Davidson did not proceed with further action.
6. On November 26, 1997 the owner of Lot C (still Mr. Pat Davidson) requested that the Board Motion of April 9, 1996 be amended. He requested that the three water connections be transferred from the Nanoose Local Service Area to the West Bay WLSA (two connections) and to the Arbutus Park WLSA (1 connection)
7. A Staff Report dated January 15, 1998 to ESC on this revision recommended, "That, subject to the revision of the SRW agreement for the remainder of Lot C, Plan 14848, DL 102, Nanoose Land District, approval be granted to transfer the commitment for three residential water services to the following lots: 2340 Nanoose Road, 2324 Nanoose Road (both in the WBWLSA) and to lot 1, Arbutus Cres., Plan 25366, DL 78 (AWLSA)". At the January 27, 1998 ESC meeting Mr. Davidson spoke in favor of his application to transfer water service connection rights from the parent parcel on Delanice Way to the other properties in West Bay and Arbutus Park.
8. The recommendation was approved at the February 24, 1998 ESC meeting and subsequently at the March 10, 1998 Regular Board Meeting. It is staff's understanding that the water rights for these three lots were sold to other property owners within the West Bay and Arbutus Park Water Local Service Areas.
9. Following the March 10, 1998 Board Meeting, legal documents were prepared for the transfer of water rights. The RDN executed the documents on May 5, 1998.
10. On December 2, 2000 Mr. Davidson and Ms. Margariet Hall wrote to the RDN requesting a water connection due to problems with potable water on their lot at 1900 Delanice Way (property previously excluded from obtaining community water at the request of Mr. Davidson).
11. On December 19, 2000 staff responded to the request via letter advising that due to current servicing policies, Growth Management Plan implications and the fact that the rights were previously signed away the request could not be supported.
12. Further inquiries from Mr. Davidson have resulted in staff preparing this report for consideration by the Board.

The property is relatively large (approximately 0.6 hectares) with adequate room to locate a well and septic disposal system. The surrounding properties have adequate potable ground water and therefore potable water should be available on-site. The owner also has the options of installing a water treatment system for the existing well or hauling potable water to a holding tank.

ALTERNATIVES

1. Not approve a community water connection to the subject lot.
2. Approve a community water connection to the subject lot.

FINANCIAL IMPLICATIONS

There are none as any costs to extend the water line would be borne by the land owner.

INTERDEPARTMENTAL IMPLICATIONS

Current policy within the RDN for connection of properties outside urban containment is as follows:

- The property is recommended by MOH or MELP for connection to community water for health or environmental reasons and the recommendation is supported in writing by the agency.
- The property owner signs a covenant registered against the title restricting subdivision of the property to minimum 1 hectares and that only a single residence is provided with community water.
- The property owner agrees to extend the community water at his cost.
- The property is covered by an agreement that permits connection to community water.

The property is outside urban containment, has not received Ministry support for servicing for health or environmental reasons and therefore providing a connection would contradict our Growth Management Plan.

INTERGOVERNMENTAL IMPLICATIONS

Mr. Davidson has not contacted the Ministry of Health on his issue around the well and lack of potable water. At this time the Ministry of Health and/or Ministry of Environment have not indicated this property should be included in our community water system for health or environmental reasons. Therefore, there are no intergovernmental implications at this time.

CITIZENS/PUBLIC RELATIONS IMPLICATIONS

The current owner(s) of this property have stated they do not have a potable drinking water supply on the property. They request temporary connection to the new water supply main on North West Bay Road and a permanent connection to the new Driftwood Water Local Service Area (proposed for Higginson Road) which may be established later this year. Failure to provide community water will require the present owner(s) to treat their existing source, drill another well or wells, purchase bottled water and/or truck in water to a holding tank on site.

The current owners of the other two lots excluded also attended a community meeting on Wednesday, April 25, 2001 with residents of the proposed Driftwood Water Local Service Area from the water system extension. They have also requested inclusion in the WLSA along with Mr. Davidson. In general, it

appears that the residents of the community support the re-inclusion of these three lots within the proposed water local service area. It was also stated at the community meeting by one of the property owners that Mr. Davidson had sold the rights to these three lots for \$2,500.00 each.

SUMMARY/CONCLUSIONS

The current owner(s) of 1900 Delanice Way, Strata Lot 3, Plan VIS 3905, Nanoose Land District have requested a connection to our community water system. They have not been able to locate a potable water supply on site.

The property was excluded from its right to connect to community water in an agreement in 1998 which was requested by the current owner and developer of the property. The recent request does not comply with our present policy for connection of properties outside urban containment, specifically there is no written notice from Ministry of Health or Ministry of Environment indicating there is a health or environmental reason for the inclusion. Further, subdivision of the property in the mid 90's and the issuance of the PLA by the Approving Officer was precipitated by the property owner proving adequate potable water to the AO.


Staff at the RDN does not currently support the inclusion of this property within our community water supply local service areas.

RECOMMENDATION

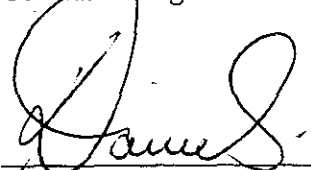
1. That the connection of 1900 Delanice Way, Strata Lot 3, Plan VIS 3905, Nanoose Land District to a community water system be denied.



Report Writer



General Manager Concurrence



CAO Concurrence

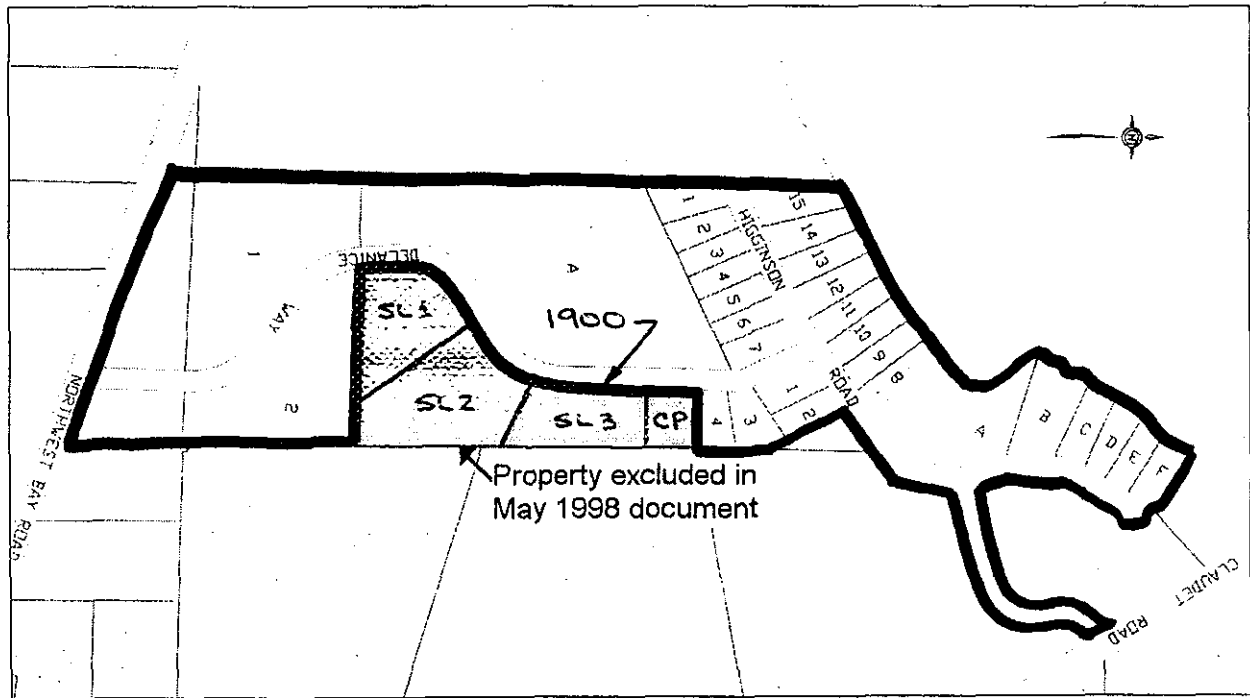
COMMENTS:

What is the proposed Local Service Area?

The entire area as shown on the map below will form the water local service area. All properties within the area will be affected by parcel tax. Properties with homes physically connected to the water system will pay user fees. Vacant lots will pay only parcel tax.

Map of proposed Driftwood Beach Estates Water Local Service Area

Properties designated for connection to the RDN community water system.





CHAIR		GMCrs	
CAO		GMDS	
GMCrs		GMES	
		ESC	✓

MEMORANDUM

TO: J. Finnie
General Manager, Environmental Services

DATE: April 23, 2001

FROM: N. Avery
Manager, Financial Services

FILE:

SUBJECT: A Bylaw to Correct the Wording for Connection Charges in the Decourcey Water Local Service Area

PURPOSE:

To introduce for three readings and adoption "Regional District of Nanaimo Decourcey Water Supply Local Service Area Rates and Regulations Amendment Bylaw No. 1097.02, 2001".

BACKGROUND:

This bylaw was recently amended to implement new user rates for 2001. Recently staff were reviewing the amended bylaws and have determined that there is some ambiguity in the wording surrounding connection fees in this particular bylaw. Accordingly, staff recommend a housekeeping amendment to clarify the wording and to make it consistent with all other water user rate bylaws. The amended wording clarifies that connection fees will be charged for services **up to 25 mm in diameter** at \$250, with **all other connections** being at \$750. There is no change to the existing rate structure for connection fees.

ALTERNATIVES:

1. Approve and adopt Bylaw 1097.02
2. Make no changes to the current version of the bylaw.

FINANCIAL IMPLICATIONS:

This is a housekeeping amendment that has no significant financial implications.


SUMMARY/CONCLUSIONS:

Staff have determined that there is some ambiguity in the wording for charges for connection fees in the Decourcey Water Local Service Area rates and regulations bylaw. The attached bylaw amendment changes the wording to be consistent with all of our other water rates bylaws – there are no changes to any rates previously approved by the Board.

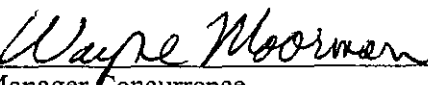
RECOMMENDATION:

That "Regional District Nanaimo Decourcey Water Supply Local Service Area Rates and Regulations Amendment Bylaw No. 1097.02, 2001" be introduced for three readings.

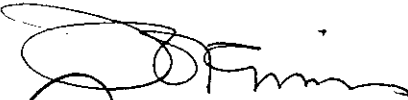
That "Regional District of Nanaimo Decourcey Water Supply Local Service Area Rates and Regulations Amendment Bylaw No. 1097.02, 2001" having received three readings be adopted.



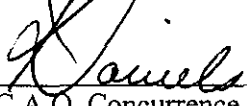
Report Writer



Manager Concurrence



General Manager Concurrence



C.A.O. Concurrence

COMMENTS:

REGIONAL DISTRICT OF NANAIMO

BYLAW NO. 1097.02

**A BYLAW TO AMEND REGIONAL DISTRICT
OF NANAIMO DECOURCEY WATER SUPPLY
LOCAL SERVICE AREA RATES AND
REGULATION BYLAW NO. 1097**

WHEREAS the "Decourcey Water Supply Local Service Area Rates and Regulation Bylaw No. 1097, 1997" provides for the terms and conditions under which water may be supplied and used in the Decourcey Water Supply Local Service Area;

AND WHEREAS the Board wishes to amend Bylaw No. 1097;

NOW THEREFORE the Board of the Regional District of Nanaimo, in open meeting assembled, enacts as follows:

1. Schedule 'A' to accompany Bylaw No. 1097 is hereby repealed and replaced with Schedule 'A' attached to and forming a part of this bylaw.
2. This bylaw may be cited as "Regional District of Nanaimo Decourcey Water Supply Local Service Area Rates and Regulations Amendment Bylaw No. 1097.02, 2001".

Introduced and read three times this 12th day of June, 2001.

Adopted this 12th day of June, 2001.

CHAIRPERSON

GENERAL MANAGER, CORPORATE SERVICES

Chairperson

General Manager, Corporate Services

SCHEDULE 'A'

WATER RATES

1. Domestic Water Rates

- (a) Where a Consumer Supply Line serves a single dwelling unit:
 - (i) For the first 0.90 cubic meters per day, \$0.50 per cubic meter.
 - (ii) For the next 1.32 cubic meters per day, \$1.00 per cubic meter.
 - (iii) Over 2.22 cubic meters per day, \$1.50 per cubic meter.
- (b) Where a Consumer Supply Line supplies an apartment, condominium, duplex or other development servicing more than one dwelling unit:
 - (i) For the first 0.90 cubic meters per day, \$0.50 per cubic meter.
 - (ii) For the next 1.32 cubic meters per unit per day, \$1.00 per cubic meter.
 - (iii) Over 2.22 cubic meters per unit per day, \$1.50 per cubic meter.
- (c) Despite Subsections (a) and (b), in the case of a residential dwelling unit in respect of which metered readings are, for any reason, not available, \$132.60 per dwelling unit for each of the billing periods referred to in Section 6(b) of the bylaw.
- (d) Despite Subsections (a) and (b), the minimum rate for each billing period referred to in Section 6(b) of the bylaw is \$66.30 per billing period.

2. Connection Charges

- (a) To service connections up to 25 mm diameter \$ 250.00
- (b) All other connections \$ 750.00

- 3. **Reconnection** to any water service disconnected pursuant to this bylaw \$ 100.00



REGIONAL DISTRICT OF NANAIMO			
MAY 11 2001			
CHAIR		GMCrs	
CAO		GMDS	
GMCms		GMES	
		ESC	✓

MEMORANDUM

TO: J. Finnie
General Manager, Environmental Services

DATE: April 23, 2001

FROM: N. Avery
Manager, Financial Services

FILE:

SUBJECT: A Bylaw to Amend the Rates for Garbage and Recycling to Municipal Members

PURPOSE:

To introduce for three readings and adoption "Regional District of Nanaimo Garbage and Recyclable Materials Collection Rates Amendment Bylaw No. 1009.04, 2001".

BACKGROUND:

This bylaw was recently amended to implement new rates for 2001. Staff have been advised by the City of Parksville that the rates enumerated in the bylaw for the municipal participants (City of Parksville, Town of Qualicum Beach and Lantzville Improvement District) inadvertently result in a lower fee to municipal residents than Electoral Area residents. The rates in Bylaw 1009 must be charged by all jurisdictions to residential properties pursuant to the *Local Government Act*. The rates enumerated for the municipal members incorporate a 10% payment discount, whereas each municipal member has its own discount rate which is applied at the time they bill their customers. Accordingly, the rate which should be enumerated in the bylaw is the same as that for Regional District customers.

Staff would also like to make two further housekeeping amendments – the first is to correct pro-rated billing periods which under amendment Bylaw 1009.02, result in an overlap on the fifteenth of the month. The second amendment is to insert a clause which is in all other user rate bylaws and which clarifies the timing for making adjustments for errors to accounts. Generally speaking, account errors are not adjusted if we have not been advised of the error within one year from the date of the billing.

ALTERNATIVES:

1. Approve and adopt Bylaw 1009.04
2. Remove one or more amendments and adopt the bylaw as further amended.
3. Make no changes to the current version of the bylaw.

FINANCIAL IMPLICATIONS:

There are no financial implications to the Regional District from these amendments, however, the result for the municipal members is that they would potentially collect less from municipal properties than they would be billed by the Regional District for their costs of participating in the program. These amendments ensure that all properties are billed at the same rates as applicable to the type of collection service they receive.

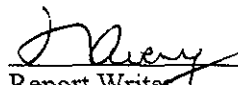
SUMMARY/CONCLUSIONS:

The City of Parksville alerted staff to an inadvertent error in the rates charged to the municipal members for properties receiving garbage collection and recycling services. The rates in amendment Bylaw 1009.03 included a 10% payment discount and a strict reading of the bylaw would require the municipal members to bill the discounted amount to municipal customers. The intention of the bylaw rates is to ensure that all customers regardless of location pay the same rates for the same level of service. Two other minor housekeeping amendments have also been addressed as described above. Staff recommend approving the bylaw as amended.

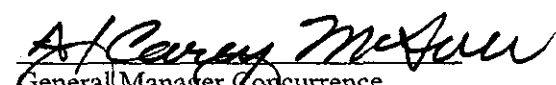
RECOMMENDATION:

That "Regional District of Nanaimo Garbage and Recyclable Materials Collection Rates Amendment Bylaw No. 1009.04, 2001" be introduced for three readings.

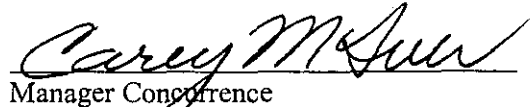
That "Regional District of Nanaimo Garbage and Recyclable Materials Collection Rates Amendment Bylaw No. 1009.04, 2001" having received three readings be adopted.



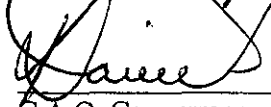
Report Writer



General Manager Concurrence



Manager Concurrence



C.A.O. Concurrence

COMMENTS:

REGIONAL DISTRICT OF NANAIMO

BYLAW NO. 1009.04

A BYLAW TO AMEND REGIONAL DISTRICT
OF NANAIMO GARBAGE AND RECYCLABLE
MATERIALS COLLECTION BYLAW NO. 1009

WHEREAS the "Regional District of Nanaimo Garbage and Recyclable Materials Collection Bylaw No. 1009, 1996", provided for the collection of garbage and recyclable materials within the Regional District of Nanaimo;

AND WHEREAS the Board wishes to correct the rates established for the City of Parksville, the Town of Qualicum Beach and the Lantzville Improvement District;

AND WHEREAS the Board wishes to amend and add a clause clarifying the billing processes;

NOW THEREFORE the Board of the Regional District of Nanaimo, in open meeting assembled, enacts as follows:

1. Schedule 'A' of Bylaw No. 1009 is hereby repealed and replaced with Schedule 'A' attached to this bylaw.
2. Clause 2(e)(ii) is amended to delete the word "fifteenth" and replace it with the word "sixteenth".
3. Paragraph 2(g) is renumbered 2(h) and a new Paragraph 2(g) is added as follows:
 - (g) No complaint of an error in any charge for garbage and recycling user rates or charges shall be considered and no adjustment of any such error shall be made after a period of one year has elapsed since the end of the period for which such user rates or charges were made. After the termination of this period all such user rates or charges shall be deemed to have been properly and correctly made.
4. This bylaw may be cited as "Regional District of Nanaimo Garbage and Recyclable Materials Collection Rates Amendment Bylaw No. 1009.04, 2001".

Introduced and read three times this 12th day of June, 2001.

Adopted this 12th day of June, 2001.

CHAIRPERSON

GENERAL MANAGER, CORPORATE SERVICES

Chairperson

General Manager, Corporate Services

RECYCLING AND GARBAGE COLLECTION RATES

	Regional Property Owners (Basic Rates)	City of Parksville, Town of Qualicum Beach, Lantzville Improvement Dist.
1. Weekly garbage and bi-weekly recycling collection: allows for setting out one garbage container on any collection day	\$86.15 per annum per dwelling unit	\$86.15 per annum per dwelling unit
2. Bi-weekly garbage and recycling collection: allows for setting out two garbage containers on any collection day	\$72.60 per annum per dwelling unit	\$72.60 per annum per dwelling unit
3. Bi-weekly recycling collection	\$25.00 per annum per dwelling unit	\$25.00 per annum per dwelling unit
4. Tags for disposal of extra garbage: allows for setting out additional garbage containers over and above those permitted under items 1 and 2.	\$2.00 per garbage container	\$2.00 per garbage container
5. Recycling containers	\$6.05 each, or such lesser amount which may result from successful provincial grant application.	\$6.05 each, or such lesser amount which may result from successful provincial Grant application.



REGIONAL DISTRICT OF NANAIMO			
MAY 15 2001			
CHAIR		GMCrs	
CAO		GMDS	
GMCrs		GMES	
			DATE: <i>ESL</i> ✓
FILE:			

MEMORANDUM

TO: Carey McIver
Manager of Solid Waste

May 10, 2001

FROM: Alan Stanley
Waste Reduction Coordinator

FILE:

5380-10

SUBJECT: Illegal Dumping Program Status Report

PURPOSE

To present a status report on the Illegal Dumping Prevention Program.

BACKGROUND

In November 2000, the RDN Board approved the 2001 Illegal Dumping Prevention Program Workplan.

The following is a brief update on progress to date on the workplan approved by the Board (in italics) and activities planned for 2001:

- 1. *Review provincial, regional, and municipal legislation to ensure that all current enforcement remedies are identified. Clearly identify and document legal procedures, and authority under which a third party agent of the RDN can operate.*

The conclusions of the review were that the RDN would utilize a contractor to collect evidence to be used by the Ministry of Environment, Lands, and Parks (MOELP) to enforce the anti-dumping provisions of the provincial Waste Management Act (WMA).

In practice, this has worked quite well with one notable exception. The WMA provides tough laws regarding illegal dumping in a public place but no recourse for illegal dumping on private land. In carrying out this program, staff has discovered that some of the problem dumping areas are on private land. Illegal dumping has plagued some of these lands for years, but because there was no RDN illegal dumping program, these areas were largely unknown to RDN staff. The publicity that the program has received has prompted landowners to come forward looking for relief. The only regional bylaws pertaining to this problem are unsightly premises bylaws and place the responsibility on the owner.

Waste Stream Management Licensing (WSML) is an RDN initiative currently in the formative stages that is intended to license waste and recycling processing facilities to ensure compliance, in part, with environmental protection guidelines and zoning and land use bylaws. WSML would also have provision for tough anti-illegal dumping rules that would apply to people dumping on private land. WSML is a very comprehensive initiative that requires input from many jurisdictions and stakeholders. The timeline for WSML is completion by the end of 2001.

The Greater Vancouver Regional District (GVRD) is in the process of implementing a WSML bylaw and they are also using anti-illegal dumping language intended to address the same private land dumping issues faced by the RDN.

2. *Hire the Resource Management Office Technology program (RMOT) at Malaspina University/College to conduct surveillance and evidence gathering.*

The Resource Management Office Technology program (RMOT) at Malaspina University/College has been successfully carrying out the provisions of their contract with the RDN. The evidentiary requirements related to successful prosecutions of illegal dumpers are being met by the contractor according to the MOELP Conservation Officer Service (COS) who receives the files for follow-up.

Since the contractor began surveillance and evidence gathering in November 2000, eleven files have been turned over to the COS and one to RDN Bylaw Enforcement. The results thus far have very positive, yielding five warnings and one violation ticket. More importantly, six of the sites were cleaned up, either by the alleged dumper or others. Four of these files are very new with no resolution.

The contractor has secured matching funds from the MOELP and will have a few extra staff working on this program throughout the summer. As many as ten volunteers and staff will be working at times. This will give broad surveillance coverage and allow some active areas to be monitored continuously. Another MOELP grant has provided surveillance equipment such as night-vision goggles. It is anticipated that the number of files generated will increase as a result of the additional staff and equipment made possible by the MOELP funding.

The presence of surveillance personnel is acting as deterrence for those tempted to dump. On a number of occasions the contractor has observed vehicles with garbage enter the back roads only to leave after spotting contractor personnel. A small hand out is being developed (see attached) and will be used by the contractor for public education purposes. The contractor's staff will give this hand out to people entering the back roads.

3. *Coordinate illegal dumping prevention with all responsible agencies to keep communication current and to avoid duplication of tasks. Agencies affected are the RDN, City of Nanaimo, City of Parksville, Town of Qualicum Beach, improvement districts, RCMP, Ministry of Environment Lands and Parks, Ministry of Forests, forest companies and BC Hydro.*

Contact has been made at the staff level with all of the agencies listed above. All staff contacted are very enthusiastic about this initiative and in some cases have offered resources to be made available to the RDN program.

As a follow-up to the staff level contacts, an official request for cooperation will be sent to the various agencies. Acknowledgement and buy-in to this program will allow the presentation of a unified front to the community and foster cooperation at all staff levels.

4. *Create a communications strategy to reach various recreational groups such as mountain bikers, birders, naturalists etc. and to increase their awareness of our program and solicit their assistance in the process of observing, recording and reporting illegal dumping violations.*

Public meetings have been held with recreation groups and they have been given the Observe, Record, and Report forms included with this package. Instructions have been given by MOELP staff and the contractor in the use of the forms and what the recreationalists should and should not do if they observe illegal dumping activities. The meetings have been well attended and the attendees were very enthusiastic in their desire to see this problem eliminated.

5. *Work with community groups to carry out regular clean-ups of sites.*

A number of volunteer clean ups have been completed resulting in 15 loads of waste totaling 19.31 tonnes.

6. *Hire contractors and equipment to clean up large, difficult sites.*

This work will be carried out in 2001. Staff is currently soliciting quotations from contractors willing to do this type of work.

7. *Produce a series of public information and education initiatives, which would publicize arrests, convictions, and fines.*

Advertising is in place all local radio stations. A series of radio ads addressing both illegal dumping and various aspects of the 3R's are running fairly frequently.

New television ads to be run on the local cable channel TV and real estate listing services are currently in production and will be airing shortly.

The illegal dumping prevention program has been publicized in all local newspapers as well as the City of Nanaimo Waste Line and RDN Recycles newsletters. Coverage has been positive and supportive of this program.

Two signs (copies attached) have been developed which will be installed in strategic areas throughout the district. The signage is not authoritarian, attempting instead to instill the idea that dumping harms the common good. Where surveillance is being regularly conducted the signage is intended to act as a deterrent.

FINANCIAL IMPLICATIONS

The Illegal Dumping Prevention Program is operating within the parameters set by the 2001 Annual Budget.

SUMMARY/CONCLUSIONS

The provincial Waste Management Act provides tough laws regarding illegal dumping in a public place but no recourse for illegal dumping on private land. The adoption of Waste Stream Management Licensing would provide provision for tough anti-illegal dumping rules that would apply to people dumping on private land.

Since the contractor began surveillance and evidence gathering in November 2000, eleven files have been turned over to the Conservation Officer Service and one to RDN Bylaw Enforcement. The presence of surveillance personnel is acting as deterrence for those tempted to dump.

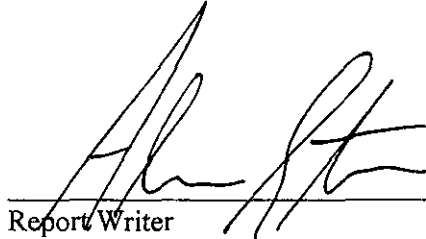
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A number of volunteer clean ups have been completed resulting in 15 loads of waste totaling 19.31 tonnes. Staff is currently soliciting quotations from contractors to carry out clean up work.

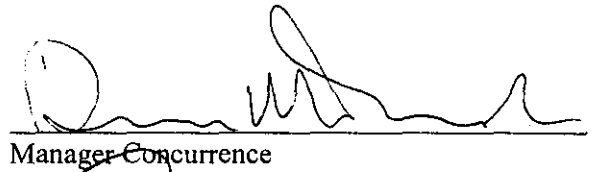
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RECOMMENDATION

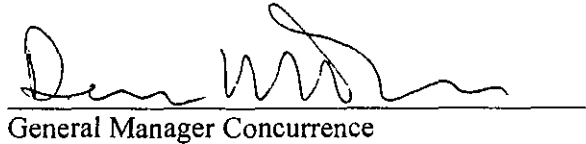
That the Illegal Dumping Program Status Report be received for information.



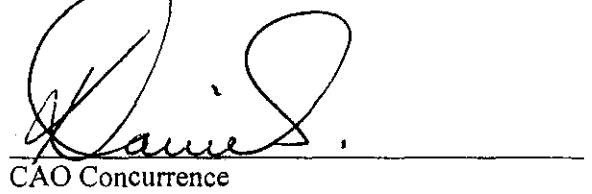
Report Writer



Manager Concurrence

For 

General Manager Concurrence



CAO Concurrence

COMMENTS:

ATTENTION

Dumping of garbage and yard waste harms the environment and is punishable by law. This is your own back yard, please treat it with respect and do not dump here.

NO DUMPING



STOP!

Surveillance of illegal dumping
being performed in area.
Prosecution and levying of fines
may take place.





MAY 14 2001

MEMORANDUM

CHAIR		GMCrS	
CAO		GMDS	
GMCmS		GMES	
		ESQ	✓

TO: Carey McIver
Manager of Solid Waste

DATE:

May 14, 2001

FROM: Alan Stanley
Waste Reduction Coordinator

FILE:

5380-03

SUBJECT: 2001 Backyard Composter Distribution Program

PURPOSE

To report on the 2001 Backyard Composter Distributions held May 5, 2001 at Rutherford Mall in Nanaimo, Wembley Mall in Parksville and the Gabriola Island Recycling Organization (GIRO).

BACKGROUND

Home composting is one the most cost effective methods of dealing with vegetable and fruit scraps from the kitchen as well as yard and garden waste. Some estimates put compostable, organic material at up to 40% of what goes into the garbage can. RDN staff estimate that about half of this material could be composted in resident's yards. The average RDN curbside garbage collection customer put out 327 kilograms of garbage in 2000. This means that each customer could compost up to 65 kilograms of waste each year that would otherwise go to disposal.

The RDN Solid Waste public survey conducted in the summer of 2000 indicated that region wide 51% of residents compost kitchen waste and 59% of residents compost yard and garden waste. There are 50,000 households serviced by the various garbage and recycling collection programs in the RDN of which around 50% are composting. The 50% of residents that are not composting represent a potential waste diversion of 1,624 tonnes per year, or \$146,000 annual savings in tipping fees. This figure represents material diverted from the garbage can and does not include yard and garden waste, of which RDN solid waste facilities received 5,549 tonnes in 2000.

To raise awareness of composting and increase the ease in which residents can begin composting, the RDN has held a number of backyard composter sales over the past several years. Approximately 14,000 composters have been distributed through this program diverting around 3500 tonnes of waste from disposal annually. These numbers reflect the popularity of this program with RDN residents.

In January 2001 a Request For Proposals (RFP) was issued that requested proposals to conduct two one-day backyard composter distributions. The RFP requested a 'turn-key' operation whereby the vendor would do the majority of the organizing and marketing of the events and run the operations on the day of the distributions.

Norseman Plastics, the manufacturer of the Earth Machine composter was awarded the contract to supply 2,425 composters and organize two events, one in Parksville, and one in Nanaimo for May 5, 2001.

For this year's composter distribution, RDN staff solicited involvement from community groups in Nanaimo and Parksville. The Nanaimo Community Gardens and the Mid-Island Community Gardens in Parksville provided compost demonstrations leading up to, and during the composter sale event that provided many residents with valuable information about how to best use their composters.

The volunteers from these groups are to be commended for their work. Also local media in the district were very cooperative in picking up RDN News Releases, ensuring that this event was well publicized.

The 2001 composter distribution was a success. A total of 1,034 composters were sold in Nanaimo, 529 were sold in Parksville and GIRO sold out of their allotment of 150 composters. The balance of unsold composters (712) have been distributed to the Church Road Transfer Station and the Regional Landfill where they will be sold on a first come, first served basis. No additional purchases of composters will be made in 2001.

After our current stock of composters has sold out, the RDN will have distributed approximately 16,500 units. Combined with the number of residents using homemade composters and compost heaps it is possible that we are nearing market saturation. It also appears, through conversations with residents at the composter distributions that many were purchasing their second and third composters. Consequently, this program should be reviewed during 2002 Provisional Budget deliberations to determine if it should be continued or reconfigured, perhaps with the program focus moving towards public education.

FINANCIAL IMPLICATIONS

The net cost of the 2001 composter distribution program is \$33,000. The RDN purchase price is \$37.50 per unit, totaling \$90,937.50. Sale of the composters at \$25.00 per unit returns \$60,625 to the program, a difference of \$30,312.50. Some additional funds are spent on assisting the community gardens with their compost demonstrations and advertising.

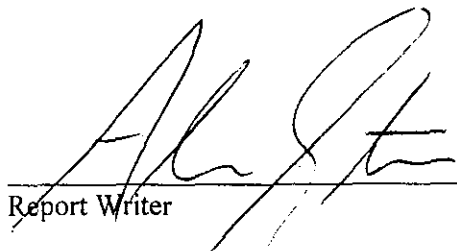
SUMMARY/CONCLUSIONS

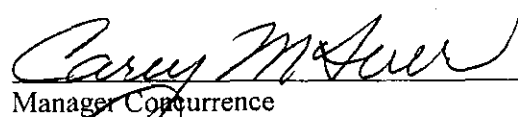
Home composting is a cost effective and efficient means to divert a significant amount of material from the disposal stream. The 2001 RDN composter distribution program was a success.

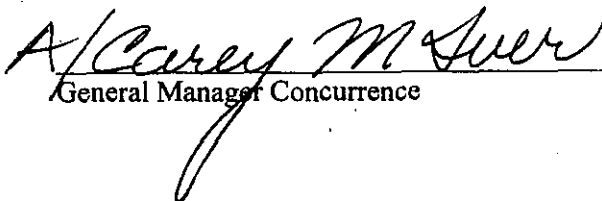
Staff will review this program prior to preparing the 2002 Provisional Budget to determine current market penetration and saturation levels and make recommendations on whether the composter distribution should be continued, scaled down, eliminated or reconfigured as a public education program.

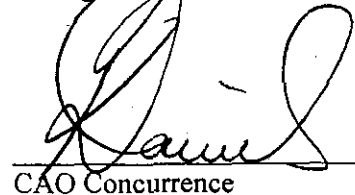
RECOMMENDATION

That this report be received for information.


Report Writer


Manager Concurrence


General Manager Concurrence


CAO Concurrence

COMMENTS:



REGIONAL DISTRICT OF NANAIMO			
MAY 15 2001			
CHAIR		GMCrS	
CAO		GMDS	
GMCm8		GMES	
			ESE ✓
			DATE:
			FILE:

MEMORANDUM

TO: Carey McIver
 Manager of Solid Waste

FROM: Alan Stanley
 Waste Reduction Coordinator

DATE: May 14, 2001

FILE: 5380-03

SUBJECT: 2000 3R's Statistics and Zero Waste Goals

PURPOSE

To report on the progress of the RDN 3R's Programs and to set new waste reduction goals.

BACKGROUND

In 1989, the Province passed legislation requiring Regional Districts to plan their solid waste management systems to achieve a 50% reduction in the amount of waste landfilled by the year 2000 through the use of 3R's (Reduce, Reuse, Recycle).

In 1996 the RDN Board approved a 3R's Plan that set a goal of 77% diversion. This goal was based upon the implementation of two programs that are not yet in place, a central composting facility and a construction/demolition waste recycling facility. A subsequent amendment to the plan set the goal at 60%, recognizing that a central composting facility may only service the commercial sector.

In 2000 the RDN achieved a 54% diversion rate. This diversion rate is a primary indicator of the success of our recycling programs and we should be very proud of the progress that we have made.

It is commonly understood that the 3R's stands for Reduce, Reuse and Recycle. Unfortunately, most members of the public generally think of the 3R's as recycling only. Given that some of the biggest potential gains in waste reduction are found in reduction and reuse activities, the association of 3R's with recycling behaviors has proven to be a public education roadblock.

While the goal of 50% diversion has been very successful in introducing many worthwhile programs, it tended to draw attention to the third R in the 3R's hierarchy, which is recycling. The reason for this is that it is very easy to measure the recycling component of the 3R's because recyclable materials are collected and weighed. While recycling is a very worthwhile goal, we cannot lose sight of the gains that result from other waste reduction programs. What is harder to measure are the gains from those changes in behaviour that result in waste reduction. It is very difficult to measure something that does not exist.

Concentrating on diversion as the measurement method has two weaknesses. Firstly, the only thing that can be measured with accuracy is recyclable material collected, which is measured against the total waste stream and secondly, it fails to impress upon our residents the important and lasting gains that can be derived by simply creating less waste, garbage or recyclables.

It is clear that the RDN has successfully achieved the provincial waste diversion goals. What is less clear is what should be done next to achieve higher levels of waste reduction. The RDN Solid Waste Management Plan calls for an adjusted diversion rate of 60%. Nevertheless, our goals should be simple and easy to understand, and instead of concentrating on a diversion percentage, instead focus on simply creating less waste, with the ultimate long-term goal to virtually eliminate the need for disposal. A new way of communicating the importance of waste reduction has been developing for a number of years under the title 'Zero Waste'.

Zero Waste is a very interesting way of communicating waste reduction ideas because it has a much broader scope than waste diversion. The Zero Waste philosophy looks at every thing that we do that produces waste, from our shopping habits to our transportation methods and attempts to minimize and ultimately eliminate waste at every opportunity. Rather than comparing what goes into the blue box with what goes into the garbage can, we look at the whole system and try to reduce both waste streams. The attached information from Target Zero Canada outlines the concept in more detail.

Zero Waste, combined with targets in absolute reduction of waste going to disposal has the potential to reduce our disposal significantly. Our current waste disposal in the RDN is 1.16 kilograms per person per day. A reasonable focus of our waste reduction programs would be to increase public awareness of our per capita disposal, present the issues clearly and have RDN residents take control of their disposal costs by reducing per capita disposal. This is a simple method by which we can measure the success of our waste reduction programs. In other words, this would be a means to measure the garbage that is not produced. This is also a very simple concept that the public can understand, and given some of the potential savings resulting from decreased waste export costs, likely embrace.

ALTERNATIVES

1. Adopt Zero Waste as the RDN's long-term waste reduction goal and focus for public education and communication programs.
2. Do not adopt Zero Waste as the RDN's long-term waste reduction goal and focus for public education and communication programs.

FINANCIAL IMPLICATIONS

Using Zero Waste, as the main waste reduction communications goal and focus will not add any cost to the current RDN waste reduction program budget or the overall solid waste budget.

SUMMARY/CONCLUSIONS

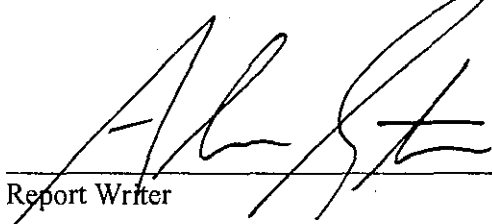
The RDN achieved a 54% waste diversion rate in 2000.

New goals are needed to help further reduce the amount of waste going to the landfill.


Zero Waste is a sensible and practical way to communicate the benefits of waste reduction to the residents of the RDN.

RECOMMENDATION

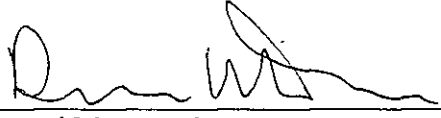
That the RDN adopt Zero Waste as it's long term waste reduction goal and focus on public education and communication programs and recycling.



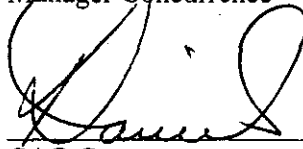
Report Writer



Manager Concurrence

For 

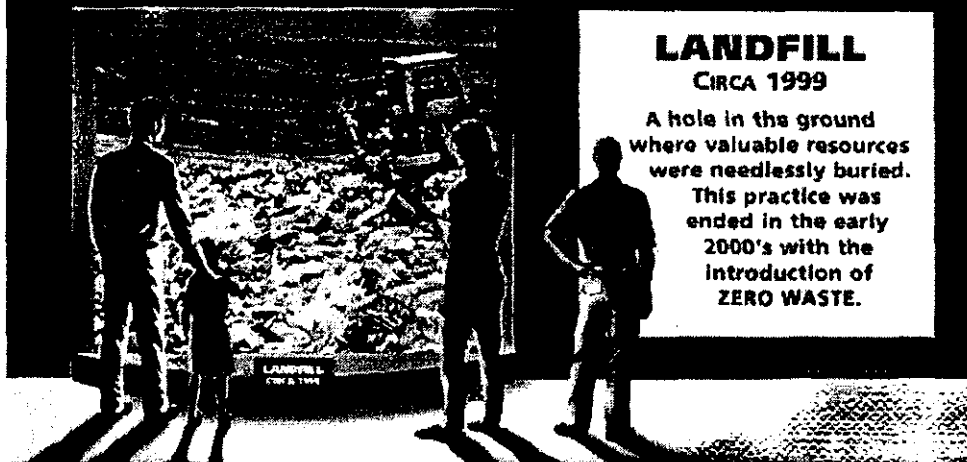
General Manager Concurrence



CAO Concurrence

COMMENTS:

The World of Yesterday



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Target Zero Canada

The strength of our economy has been traditionally measured in terms of production and consumption. Our culture has an insatiable appetite for material goods. Yet, we neglect to acknowledge the costs and environmental impacts of resource extraction and processing, manufacturing, distribution, and the tremendous waste created at each step along the way. Instead, there is a disproportionate level of emphasis placed on waste management - landfill, incineration, composting and recycling.

For over a decade, public policy around solid waste reduction has been narrowly focused on recycling. We have been content with recycling targets ranging from 35-50%. But would we accept 50% unemployment or poverty, or a 50% reduction in famine or disease? We would all like to see zero unemployment, zero poverty, zero famine and zero disease. Then why do we continue to tolerate any thing but zero waste?

We need a paradigm shift in how we approach waste issues. Instead of concentrating on managing waste, we should manage resources and eliminate waste. We have been exploiting natural resources as if "Mother Nature announced a going out of business sale." We should be treating the environment as if it were a library - borrowing and using resources responsibly.

We need to use the planet's resources more efficiently. Ecology of Commerce author Paul Hawken notes that "efficiency is one of the hallmarks of the well-run business, and the gratuitous exploitation of natural resources is wildly inefficient. The modern industrial system is no more than one percent efficient when all material and energy inputs are considered."

We need to equate efficiency with sustainability. Resource conservation, materials efficiency, waste prevention, reuse, and recycling are all integral components of a sustainable economy.

Zero Waste, the new planning approach for the 21st Century, unites environmental sustainability, community sustainability and economic sustainability. It defines the processes required to create a more sustainable interaction with our natural world, including the principles of conserving resources, minimizing pollution, maximizing employment opportunities and providing the greatest degree of local economic self-reliance. "Indeed, implementation of Zero Waste is arguably the most important step to the sustainability of the Earth's ecosystems as it relieves every environmental ailment from deforestation, resource depletion, global warming, energy depletion, over-consumption, loss of biodiversity, to the toxicity of materials in the modern waste stream," notes the GrassRoots Recycling Network (the preeminent US Zero Waste Organization).

Zero Waste is not only about recycling and diverting waste from landfills and incinerators; it envisions the restructuring of production and distribution systems to prevent waste from being manufactured from the outset. Zero Waste recognizes that production and economic systems are not linear, but represent circular or web-like relationships.

Target Zero Canada, a new program of Earth Day Canada, is taking aim at promoting Zero Waste solutions. Solutions that reduce the burden placed on our environment, communities and taxpayers. Solutions that facilitate corporate waste reduction, increased efficiency, and fiscal growth. And solutions that establish the foundation for economic, environmental and community sustainability.

Target Zero Canada will promote Zero Waste policies for different levels of government and new system approaches for corporations that have proven to be successful in other applications.

We will emphasize Zero Waste best-practice models that have been established by governments, businesses and organizations all over the world as proven examples of success.

Zero Waste initiatives are being adopted in places such as New Zealand; Canberra, Australia; Denmark; Seattle, Washington; California; Edmonton, Alberta; Ottawa, Ontario; and Nova Scotia. Zero Waste is being incorporated into the business functions of many organizations including Xerox, Sony, Mitsubishi, Interface Flooring Systems, The Beer Store, IBM, DuPont, and Toyota.

"Zero Waste is a target for all sectors of society to aim for - one that resets the compass so that governments, communities and businesses no longer base their viability on wasting the Earth's resources." (Zero Waste New Zealand Trust)

Zero Waste Components

Zero Waste entails three important shifts:

1. It asks consumers, taxpayers and local governments to stop thinking of resources as garbage for which they have to pay to landfill or incinerate, but to maximize reuse, repair, recycling and composting instead.
2. It asks business to seek out materials efficiencies; redesign products and packaging the community cannot reuse, repair, recycle or compost so that they can be handled that way; and extend their responsibility for the product and its packaging by establishing take-back, reuse and remanufacturing systems.

3. It asks senior levels of government to shift economic incentives from virgin resources to renewable resources and to facilitate the growth of Zero Waste

Strategies needed to move us towards Zero Waste:

1. Extended Producer Responsibility (EPR)

Producers and manufacturers must play a larger role in sharing the responsibility for recovering their products and packaging, and ensure that they are recovered for reuse and recycling.

Full extended producer responsibility means taking responsibility for the product and its packaging from cradle-to-cradle, or from the creation of the first product through to the return and preparation of those materials to be used again.

2. Design for the Environment (DFE)

Good design ensures that products are produced for durability and that they are more easily repaired, or produced in modular components that can be easily upgraded, or produced to be provided on a full-service lease which includes recycling (such as Interface Flooring's Re-Entry program for leased commercial carpets).

It also means designing for the end of the product's lifecycle, so it can be easily disassembled for recycling harmlessly into nature or its materials recovered for use in new products.

3. Resource Recovery Facilities

Also known as resource recovery parks, discard malls, or eco-industrial parks, these facilities enable materials discarded by the community to be reused, recycled, and remanufactured. Enterprises would coexist in a cluster much like an airport or shopping mall.

4. Legislation and Economic Instruments

We should be encouraging companies to produce more durable products that lend themselves to easy repair, leasing of products, and create modular designs that are more readily upgraded. We need to encourage conservation and resource recovery, and stop rewarding unsustainable practices that harm the environment.

The gap between the price paid for landfilling and the full costs of landfilling must be eliminated.



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