

AGENDA ADDENDUM

COMMITTEE OF THE WHOLE

Tuesday, February 24, 2015

5:00 p.m.

Committee Room, Municipal Hall

355 West Queens Road,

North Vancouver, BC

Council Members:

Mayor Richard Walton

Councillor Roger Bassam

Councillor Mathew Bond

Councillor Jim Hanson

Councillor Robin Hicks

Councillor Doug MacKay-Dunn

Councillor Lisa Muri



NORTH VANCOUVER
DISTRICT

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5:00 p.m.
Tuesday, February 24, 2015
Committee Room, Municipal Hall,
355 West Queens Road, North Vancouver

AGENDA ADDENDUM

THE FOLLOWING LATE ITEMS ARE ADDED TO THE PUBLISHED AGENDA

3. REPORTS FROM COUNCIL OR STAFF

3.2. Single Family Organics Collection

File No. 11.5400.01/000.000

3.2.a. Report: Len Jensen, Manager – Engineering Operations

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Recommendation:

THAT it be recommended to Council:

THAT the District of North Vancouver:

1. Provides each single family home with a dedicated locking 240 litre wheeled cart for curb side organics collection; and,
2. Continue to allow residents to put out additional three yard waste items. (Bundles, bags, 77 litre cans, etc.)

3.2.b. PowerPoint Presentation: Len Jensen, Manager – Engineering Operations

p. 9-15

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AGENDA INFORMATION	
<input type="checkbox"/> Committee of the Whole	Date: _____
<input type="checkbox"/> Finance & Audit	Date: _____
<input type="checkbox"/> Advisory Oversight	Date: _____
<input type="checkbox"/> Other:	Date: _____

Dept. Manager	GM/ Director	CAO <i>acting</i>
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The District of North Vancouver REPORT TO COMMITTEE

February 17, 2015
File: 11.5400.01

AUTHOR: Len Jensen, Manager, Engineering Operations

SUBJECT: Single Family Organics Collection

RECOMMENDATION:

THAT the District of North Vancouver:

1. Provides each single family home with a dedicated locking 240 litre wheeled cart for curb side organics collection.
2. Continue to allow residents to put out additional three yard waste items. (Bundles, bags, 77 litre cans, etc.)

REASON FOR REPORT:

To obtain direction from Council regarding our Single Family Organics and Garbage Collection.

SUMMARY:

This report brings back to Council the issue of residential organics and garbage collection for consideration. The recommendation will deal with the urgent issue of resident confusion around organics containers using existing funding while leaving flexibility to deal with Garbage collection in the future.

BACKGROUND:

Staff has met with Council a number of times regarding this issue (background information has been provided).

EXISTING POLICY:

Community Charter – Section 175.

ANALYSIS:

Changes in Solid Waste policy most often require finding a balance between the following, often conflicting, priorities:

1. **Service levels** - volumes, frequency
2. **Environment** - garbage volumes, Metro bans, wildlife
3. **Cost** - Residential solid waste rate

With the conflicting priorities, the District of North Vancouver needs to find a balance that is right for us. Included in the decision process is the waste reduction targets that are included in the regional Solid Waste Management Plan.

The recommendation provided will achieve the following while leaving options open in the future regarding garbage carts and collection volumes and frequency. As well, recognizing the varying needs of our residents, the District will make available a small, curb side kitchen waste only container for the public to purchase.

Service Levels

- Brings clarity and simplicity to our residents regarding curb side containers.
- Meets the resident's preference for a wheeled cart.
- Reduces the lifting of heavy organics.

Environment

- Reduces wildlife conflicts by providing a bear/wildlife resistant means of storing organics.
- Reduction in garbage volumes can be met in the future with changes to service level.

Cost

- There will be an initial capital cost to purchase the carts as well as a modest increase in operating costs to maintain the carts. There is sufficient funding in the solid waste reserves to purchase the carts.

Timing/Approval Process:

Delivery of carts would be a minimum of six months from placement of the order.

Financial Impacts:

The purchase of Schaeffer carts will cost approximately \$2.5 million (see table below) supported by \$68,000 of annual operating costs. These costs can be funded by an initial draw from existing solid waste reserve (\$1M) and from savings from the MMBC program (\$1.6M). The Reserve will be replenished by 2017 from MMBC savings in 2016 and 2017.

Organics	
Cost/Cart - Volume Price (21,000)	\$ 65.00
Locking Devices installed (per unit)	\$ 50.00
Total cart Price	\$ 115.00
Total price 20,566 carts	2,365,090
Delivery costs/cart	\$ 5.00
Cost of 20,566 carts delivered	\$ 2,467,920
Inventory 434 carts	\$ 49,910
Total Initiation Cost (subject to Tender)	\$ 2,517,830

- The Solid Waste reserve is projected to be \$400k at the end of 2015.

Liability/Risk: N/A

Social Policy Implications:

- Enhanced levels of service for organics for residents.
- Brings clarity and simplicity to our residents regarding curbside organics containers.
- Meets the resident's preference for a wheeled cart.
- Reduces the lifting of heavy organics and garbage.
- Reduction in garbage volumes can be met in the future with possible changes to service levels.

Environmental Impact:

- Reduces wildlife conflicts by providing a bear/wildlife resistant means of storing organics.

Respectfully submitted,



Len Jensen,
Manager, Engineering Operations

REVIEWED WITH:		
<input type="checkbox"/> Sustainable Community Dev.	_____	<input type="checkbox"/> Clerk's Office
<input type="checkbox"/> Development Services	_____	<input type="checkbox"/> Communications
<input type="checkbox"/> Utilities	_____	<input type="checkbox"/> Finance
<input type="checkbox"/> Engineering Operations	_____	<input type="checkbox"/> Fire Services
<input type="checkbox"/> Parks & Environment	_____	<input type="checkbox"/> ITS
<input type="checkbox"/> Facilities	_____	<input type="checkbox"/> Solicitor
<input type="checkbox"/> Human resources	_____	<input type="checkbox"/> GIS
		External Agencies:
		<input type="checkbox"/> Library Board
		<input type="checkbox"/> NS Health
		<input type="checkbox"/> RCMP
		<input type="checkbox"/> Recreation Com.
		<input type="checkbox"/> Museum & Arch.
		<input type="checkbox"/> Other:

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Single Family Garbage and Organics Collection

February 24, 2015
Council Committee of the Whole



Workshop Agenda

1. Goals
2. Background
 - Previous discussions
 - Regional Solid Waste Management Plan
 - Recycling Contract
 - Other municipalities
3. Recommendation
4. Impacts
 - Financial Impacts
5. Schedule



Goals

1. **Service levels-** volumes, frequency
2. **Environment** - garbage volumes, Metro bans, wildlife
3. **Cost** – Residential Solid Waste Rate

Often goals conflict, District of North Vancouver needs to find balance that is right for us

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Background

- Current single family curbside waste diversion rate ≈ 54%. 2015 Single Family Target = 65%
- About half current curbside garbage is organics or recyclables
- Most residents felt it was very important that DNV manage its' waste responsibly, but meeting Metro waste diversion targets was less important
- Residents are generally very happy with solid waste collection services
- More residents prefer wheeled carts

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Previous Discussions

Discussion was around what is the right balance

- Costs
- Service levels – biweekly, limits, container size
- Environment – wildlife, reduction targets

Staff committed to reopening the discussions once the impacts of MMBC were better known



Regional Solid Waste Management Plan (SWMP)

- Increasing Bans
- Cardboard, electronics, recyclables already in place
- January 1, 2015 – All organic material including food scraps was banned from the region's waste facilities
- Fines begin July 2015 for organics contamination
- Organics ban has caused confusion amongst residents regarding "green can"



Curbside Recycling Contract

- Tri-municipal recycling contract has been executed with Smithrite and starts July 1, 2015.




Printed Paper Cardboard Newspaper

MIXED PAPER OR NEWSPAPER

Glass

SMITHRITE
904-226-4030



Other Municipalities

- Generally there is a shift to containers and bi-weekly garbage
- Wide variety of details regarding container sizes, methodology, and service levels



Recommendation

1. District of North Vancouver provide each single family home with a dedicated locking 240 litre wheeled cart for curb side organics collection.
2. Continue to allow residents to put out additional three yard waste items (bundles, bags, 77 litre cans, etc.).

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Financial Impact

Organics carts can be supplied to the residents with no increase in the Solid Waste Rates or borrowing

- Purchase cost - 21,500 carts @ \$120per = **\$2.5m**
- Projected Solid Waste reserve end of 2014 = **\$2.0m**
- Projected annual MMBC revenue = **\$1.0m**
- Projected Solid Waste reserve balance at end of 2015 with cart purchase = **\$400k**
- Lifespan 10 years
- Annual Operating cost = **\$70k**



Impacts of Recommendation

Service

- Brings clarity and simplicity to our residents regarding curb side containers
- Meets the resident's preference for a wheeled cart
- Reduces the lifting of heavy organics

Environment

- Reduces wildlife conflicts by providing a bear/wildlife resistant means of storing organics
- Reduction in garbage volumes can be met in the future with changes to service level

Cost

- There will be an initial capital cost to purchase the carts as well as a modest increase in operating costs to maintain the carts. The impact can be offset by MMBC revenue



Schedule

- Delivery of the carts will be a minimum of six months from placement of the order



Garbage Collection Discussion

Existing

- Weekly
- 1/2 full 360 litre cart, or two items (bags or cans)

Option

- Bi-Weekly
- Locking 240 litre cart

Moving to bi-weekly would result in an anticipated operational savings of \$10 to \$20 per household

The Cost to supply carts would be same as Organics carts

Residents would be given the choice to use existing 360 litre cars for excessive yard trimmings



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