



NORTH VANCOUVER
DISTRICT

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

Background

- Current single family curbside waste diversion rate \approx 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

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

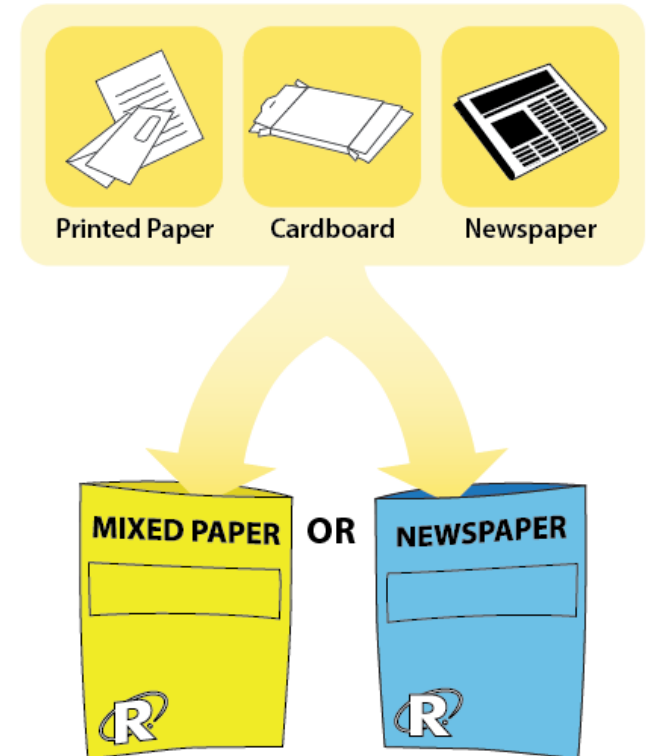


Regional Solid Waste Management Plan (SWMP)

- 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.



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.).

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
- ½ 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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