

Solid Waste Bylaw Amendment

Discussion

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COW - May 23, 2017

Agenda:

- Background
- Key changes and why
- Discussion

Definitions:

MFH: Multi-family homes

ICI: Industrial, commercial and institutional

Background



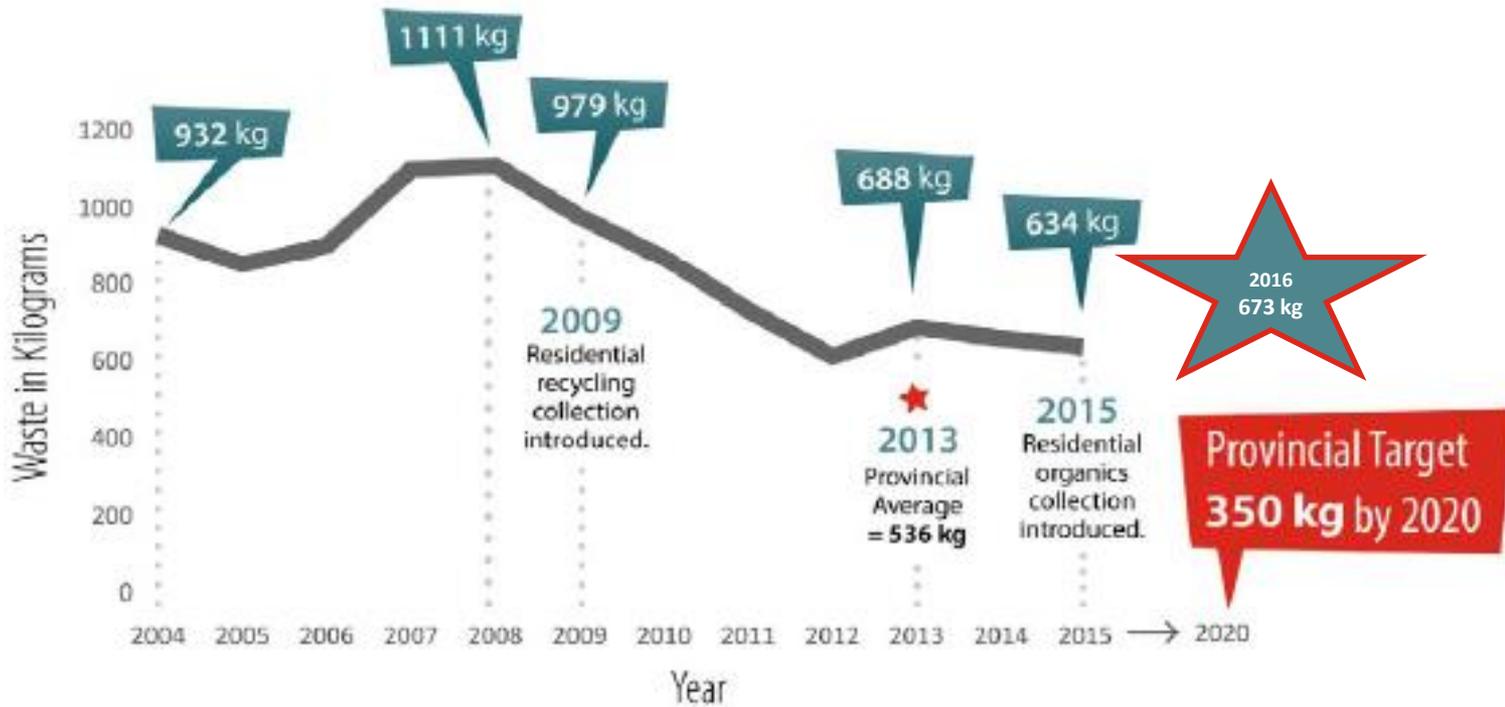
Zero Waste Strategy Priorities:

1. Implement an Organics Disposal Ban
2. Ensure recycling and organics diversion programs and services are available and convenient for everyone at home, at work and on the go
3. Institute Construction and Demolition Waste Diversion Guidelines
4. Promote Waste Minimization

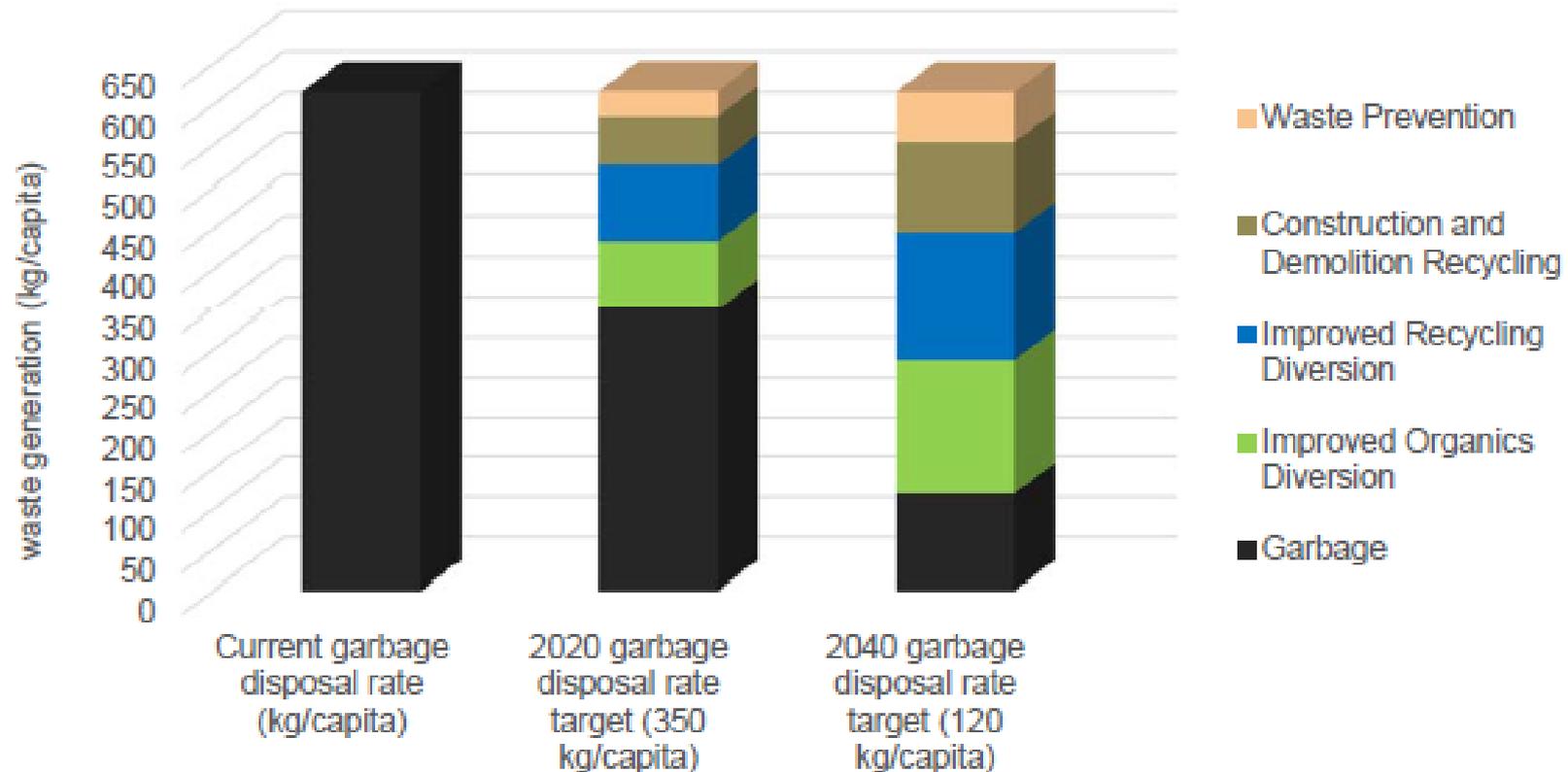
Current Waste Diversion

Squamish Waste Produced

per capita per year on average (in kgs)



Goal of Bylaw Amendments



Projected Disposal Changes with Generation Rate Targets

Summary of Proposed Changes

Theme of Change	What Will Change	Who Will be Affected
Three-Stream Separation	<ul style="list-style-type: none">• 3-stream separation of garbage, organics and recyclables is required.	MFH & ICI properties
Education	<ul style="list-style-type: none">• Written and posted information is provided on how to separate and deposit garbage, organics and recyclables	MFH & ICI properties
Clear Bags	<ul style="list-style-type: none">• Garbage must be placed in clear, non-coloured, transparent plastic bags.	MFH, Single-Family homes and ICI properties
Enforcement	<ul style="list-style-type: none">• Once education is underway, an enforcement strategy that will incorporate inspections, continued education, fines and additional waste fees will be developed.	MFH, Single-Family homes and ICI properties

Three-Stream Separation

- It is the responsibility of the owner or occupier of premise to ensure that garbage, recycling and organics are appropriately separated prior to pick up by the waste hauler.
- MFH and ICI properties will arrange disposal directly (ex. with waste hauler or composter).
- Currently required in the bylaw for homes with curbside collection.

Affected: MFH & ICI properties

Education

- Provide written information to new and existing residents, tenants, employees and contractors on how to separate waste, organics and recyclables into appropriate bins.
- Post signage with information on separating the three streams on the premises and in the waste room of buildings.

Affected: All residents and businesses in Squamish.



Clear Bags

- Garbage must be placed in clear, non-coloured, transparent plastic bags.
- An optional dark privacy bag can be included in each clear garbage bag.
- Privacy bags will be restricted to the size of a grocery bag.

Affected: All residents and businesses in Squamish.



Clear Bags: Why

- **Cost Effective** measure for enforcement
- **Improved Worker Safety.** Protects the collector from cutting themselves on sharp objects such as broken glass or needles.
- **Keeps hazardous materials out of landfills.** Able to conduct quick assessment of the contents to ensure that it doesn't contain hazardous items.
- **Encourages Recycling**
- **Conservation of Landfill Capacity**

Clear Bags: FAQs

What about privacy?

- Residents are permitted a small privacy bag (approx. size of a shopping bag) in each clear bag for personal items.

Where can residents get clear bags?

- DOS staff will work with local retailers to ensure a variety of sizes of clear bags are available at stores in Squamish (including heavy duty clear bags for contractors).

Do clear plastic bags cost more?

- Both clear/transparent plastic and coloured plastic garbage bags are manufactured from the same type of plastic resin. The only difference between clear and coloured bags are the dyes which have been added to colour bags. From a sales perspective, the suggested retail price should be the same. Price differential would be based on bag size, closure type and brand name.

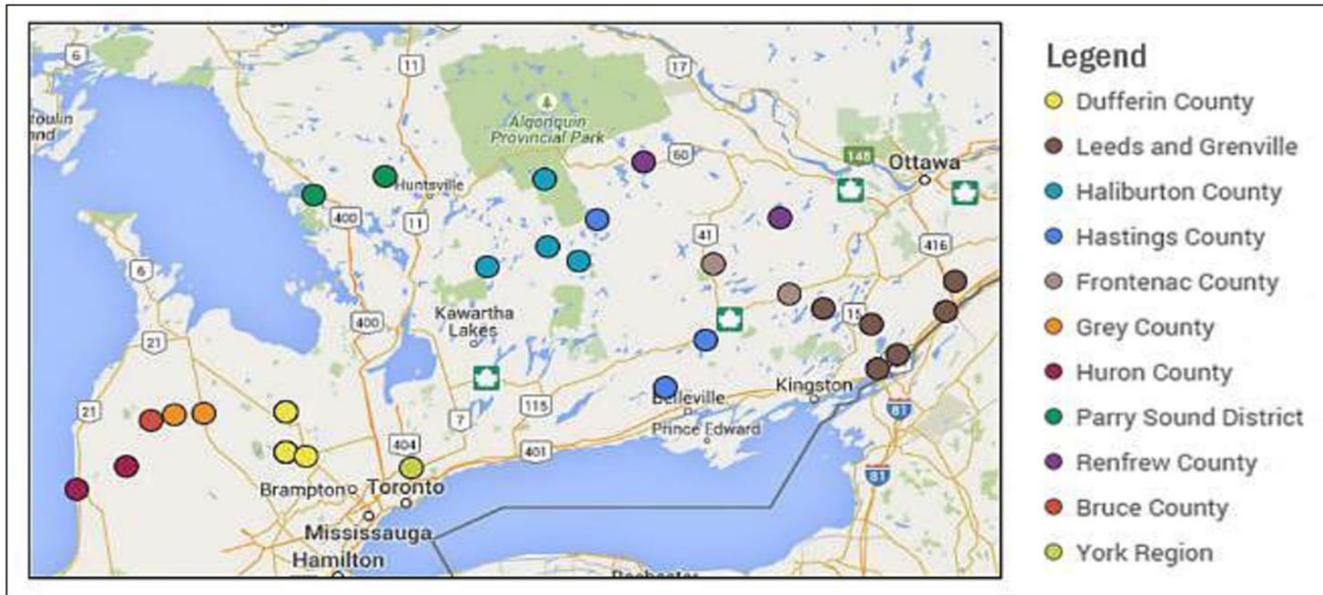
I'm already diverting as much from the garbage as I can.

- This program should make no difference except for the colour of bag used. This program is intended to increase participation from households that do not presently recycle material by raising them to the standard of those who already participate.

Clear Bags: Where

- Clear bag programs were first introduced in Canada on the east coast in the early 2000's with high level of success and are receiving recognition throughout Ontario for reducing the amount of materials going into landfills.
- Nova Scotia - Reported a 41% decrease in residential garbage, a 35% increase in residential recycling, and a 38% increase in residential organics collection.
- City of Halifax saw 24% less waste landfilled since the switch to clear bags 1.5 years ago.

The Ontario municipalities and counties highlighted below are a few examples of communities that had successfully implemented clear bag programs as of 2015.



Enforcement

- If the garbage, recycling or organics bins are contaminated by >5%, by weight or volume, then it is out of compliance.
- During the drafting of the bylaw staff will work with internal departments and source external feedback on the most effective means of enforcing the contamination.

Outreach & Engagement

Work with AWARE and the DOS Communications team to:

Before the Bylaw is Developed:

- Engage with public about proposed key changes and how properties and businesses can prepare, through presentations, workshops, and community events
- Ensure a minimum of public level of impact at IAP2 Consult & Involve

After the Bylaw is Adopted:

- Provide workshops to stakeholders on implementation, ex. how to set-up a kitchen or waste room, training staff, etc.
- Develop 'Solutions Guides' and materials to support implementation and assist with continued training
- Train Squamish CAN to deliver the workshops and training, for local replication
- Work with Helping Hands & Food Bank to ensure food rescue is encouraged through the implementation of the bylaw

Waste Room Requirements

(not part of the Solid Waste Bylaw Amendment)

- Staff from Development Services are working together to develop requirements for waste room sizing, location and access.
- Developed with input from Carney's and other municipalities' experiences and guidance
- These will be proposed as amendments to Development Permit Area Guidelines in the OCP, the Zoning Bylaw, and possibly other regulations.
- There will be public engagement on proposed amendments.
- Following adoption of proposed amendments, clear and thorough information on waste guidelines will be available on the District website.

Timeline - *DRAFT*

Phases	Timeline
Council Discussion around draft changes to Solid Waste Utility Bylaw	May 23rd
Stakeholder and public engagement around proposed bylaw amendments while the bylaw is being drafted	June
Waste room size requirements integrated into DOS tools	June – July/September
DOS staff present draft bylaw to Council	July
Outreach & support program to residents and businesses plan for operational changes, including: <ul style="list-style-type: none">• Train the Trainer sessions for ICI• On-Site MFH presentations and outreach• Educational materials for residents and tenants• Broader community engagement and education• Bylaw infractions reported and property owners required to remedy them	Begins immediately after adoption – and runs for 1 year at a minimum.
Enforcement begins	At the end of education period

Discussion



- 3- Stream Separation
- Education
- Clear Bags
- Enforcement

Recommendation

That Council approve the following resolution:

THAT Council receive the update from Community Planning & Infrastructure dated May 23, 2017 on the draft Solid Waste Utility Bylaw amendment for discussion and provide staff with feedback prior to public engagement.