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**TO:** CITY MANAGER **DATE:** 2020 May 21

**FROM:** DIRECTOR ENGINEERING **FILE:** 36500-01

**SUBJECT: 2019 ANNUAL SOLID WASTE AND RECYCLING REPORT –  
HIGHLIGHTS AND LOOKING AHEAD**

**PURPOSE:** To present Council the 2019 annual report on the City's Integrated Solid Waste and Recycling Program.

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**RECOMMENDATION:**

1. **THAT** Council receive the 2019 Annual Solid Waste and Recycling Report for information.
2. **THAT** a copy of this report be forwarded to the Environment Committee for information.

**REPORT****INTRODUCTION**

This annual report provides an overview of the City's waste management system including an outline of the programs and service elements in the upcoming year to achieve future waste diversion goals in Burnaby. Single family, multi-family and industrial/commercial/institutional waste diversion (recycling/green waste) and disposal (garbage) volumes are shown from the program inception year to 2019 to illustrate waste trends.

**POLICY SECTION**

The Solid Waste and Recycling Program is aligned with the City of Burnaby's Corporate Strategic Plan by supporting the following goals and sub-goals of the Plan.

**Goals**

- A Connected Community
  - Partnership –

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Work collaboratively with businesses, educational institutions, associations, other communities and governments

- An Inclusive Community
  - Serve a diverse community –  
Ensure City services fully meet the needs of our dynamic community
- A Healthy Community
  - Healthy environment –  
Enhance our environmental health, resilience and sustainability
- A Dynamic Community
  - City facilities and infrastructure –  
Build and maintain infrastructure that meets the needs of our growing community
- A Thriving Organization
  - Organizational culture –  
Ensure that our core values are reflected in our policies, programs and service delivery

## **DISCUSSION**

The City of Burnaby provides a comprehensive solid waste and recycling service to its residential, industrial, commercial, and institutional customers. The services offered by the City range from curbside collection of all streams to central depot drop-off of recyclables. The City's direct service program is considered as one of the most integrated solid waste and recycling management models in this region.

The City's solid waste and recycling collection workforce services approximately 33,500 single and two-family households, as well as 36,000 multi-family households and 460 Industrial / commercial / institutional / civic facilities. In addition, thousands of person hours are devoted each year to keeping streets and public spaces clean through regular litter pick-up and bulky-item collection.

The 2019 Annual Solid Waste and Recycling Report (provided under separate cover) highlights the key achievements from the past year, which include:

- Observing green waste recycling overtake garbage as the largest component of the City waste stream;

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- Eco-Centre collection of “Other Flexible Plastics” such as bubble wrap, crinkly chip bags, stand-up pouches, flexible sealed packaging, and woven net bags;
- Replacement of 150 concrete streetscape garbage receptacles with new 3-stream “Silverbox” units to increase diversion;
- Updated the SW&R bylaw to stiffen penalties for littering and abandoned waste, to limit wildlife encounters through the designation of a bear area, and to amend garbage disposal fees for Row Houses;
- Established a program to provide an additional no-charge medical waste receptacle to residents in need;
- Installed instrumentation to measure load weights on commercial collection vehicles;
- Positioned a dedicated Environmental Services Officer in the Solid Waste and Recycling Division to enhance public outreach and enforce bylaws and
- Provided enhanced litter cleanup in the area surrounding warming centers and homeless shelters.

The City has successfully met environmental challenges over the years through developing innovative solutions while maintaining its commitment to environmental protection. Looking ahead to 2020 brings forward enhancements to Burnaby’s waste reduction programs that will further strengthen our waste reduction goals.

In 2020, the focus will be placed on:

- Investigating the feasibility of creating a City owned Green Waste processing facility;
- Undertaking a pilot project for the diversion of waste associated with Demolition and Land Clearing activities;
- Conducting additional waste stream audits to set priorities for contamination and diversion programs;
- Deploying additional streetscapes receptacles at bus stops and in problematic areas;
- Participating in RecycleBC streetscape diversion reviews;
- Expanding Green Bin service in the multi-family sector;
- Enhancing Bulky Item service to residents and
- Further develop mobile camera technology usage in areas prone to abandoned waste and illegal dumping activities in effort to reduce the frequency of occurrence.

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In keeping with the position of reducing waste, only a limited number of hard copies of the 2019 Annual Solid Waste and Recycling Report will be printed. This report, as in previous years, will be available on the City website for viewing.

This is provided for Committee and Council's information.



Leon A. Gous, P.Eng., MBA  
DIRECTOR ENGINEERING

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Attachment

Copied to: Director Corporate Services  
Director Finance  
Director Parks, Recreation and Cultural Services  
Director Planning and Building  
Chief Information Officer