

COMMITTEE REPORT

TO: CHAIR AND MEMBERS ENVIRONMENT AND SOCIAL PLANNING COMMITTEE **DATE:** 2019 Mar 12

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

SUBJECT: 2018 ANNUAL SOLID WASTE AND RECYCLING REPORT – A YEAR IN REVIEW

PURPOSE: To present the Committee and Council the 2018 annual report on the City's Integrated Solid Waste and Recycling Program.

RECOMMENDATION:

1. **THAT** the Committee recommend Council receive the 2018 Annual Solid Waste and Recycling Report I 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 commercial/institutional waste diversion (recycling/green waste collection) and disposal (garbage) volumes are shown from program inception year to 2018 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 –
Work collaboratively with businesses, educational institutions, associations, other communities and governments

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- 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, commercial and institutional customers. The service program offered by the City ranges from curbside service to central depot collection, and 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 34,000 single and two-family households, as well as 36,000 multi-family households and 450 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 2018 Annual Solid Waste and Recycling Report (provided under separate cover) highlights the key achievements in 2018 which include:

- Complete AVL/Telematics installation on entire collection fleet to record the vehicle locations and conditions
- Implemented Fleetmind pilot technology initiative to improve service delivery and reduce contamination.

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- Renewed 5 year contract with Recycle BC to received funding for collection of residential recyclable materials.
- Completion of the multi-family bear resistant green bin receptacle pilot project and submission of pilot results to Committee and Council.
- Pre-planning to enhance public street scape receptacles.
- Continuation of education and outreach on contamination of residential recycling materials.
- Completion of waste audit for garbage, green bin and recycling for single and two-family curbside collection and multi-family complexes.
- Amendments of Garbage Disposal Fees
- Enhanced service delivery at the Eco-Centre by extending service to statutory holidays.

The City has successfully met environmental challenges over the years through developing innovative solutions while maintaining its commitment to environmental protection. Looking ahead to 2019 brings forward enhancements to Burnaby's waste reduction programs that will further strengthen our waste reduction goals.

In 2019, the focus will be placed on:

- Addition of Other Flexible Plastic Packaging at the Eco-Centre through the Recycle BC program;
- Continued roll out of the City's Green Bin program to the remaining multi-family complexes and civic facilities;
- Review the City's ICI customers for compliance of organics separation;
- Continue with the annual waste audit for single and two-family and multi-family collection and utilize audit findings to target programs to reduce contamination rates and increase participation in the green bin program;
- Undertake planning for diversion of waste from Demolition and Land Clearing (DLC) activities from residential, commercial and institutional facilities;
- Continue targeted outreach and education programs on material contamination and diversion and waste reduction;
- Explore options for improving participation and contamination reduction in the multi-family recycling and green bin programs;
- Review and make amendments to the City's Solid Waste and Recycling Bylaw for inclusion of bear-resistant green waste receptacles, and bi-weekly garbage collection;

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- Continue to roll-out additional three-stream streetscape waste receptacles and
- Review additional service delivery enhancements at the Eco-Centre by extending weekend hours of operation during peak seasons.

In keeping with the position of reducing waste, only a limited number of hard copies of the 2018 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: City Manager
Director Corporate Services
Director Finance
Director Parks, Recreation and Cultural Services
Director Planning and Building
Chief Information Officer