

**ENVIRONMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: PUBLIC SCHOOL FOOD SCRAPS COLLECTION PILOT PROJECT**

**RECOMMENDATIONS:**

1. THAT Council authorize staff to work with the Burnaby School District to undertake a pilot food scraps collection from public schools, as outlined in Section 2.0 of this report.
2. THAT Council authorize staff to report back to Council on the findings of the pilot project.

**REPORT**

The Environment Committee, at its meeting held on 2011 April 12, received and adopted the attached report seeking Council approval to undertake a public school food scraps collection pilot project.

Before a full-scale program rollout is considered, a pilot project would help to understand possible issues and solutions with public school food scraps collection. The objectives of the pilot are to:

- determine the potential volume of food scraps from schools and the associated number of bins required to adequately service them;
- identify potential logistical challenges associated with collection service; and
- identify barriers for participation and adapt a communication strategy to address these barriers.

The pilot project will include up to seven schools. Some of these schools will be elementary schools, high schools, and will include community schools as well. A diversity of schools is required to identify the unique differences in collection.

Copied to:	City Manager Director Engineering
------------	--------------------------------------

*To: His Worship, the Mayor and Councillors*  
*From: Environment Committee*  
*Re: Public School Food Scraps Collection Pilot Project*  
*2011 April 18..... Page 2*

In order to meet Metro Vancouver's Integrated Solid Waste and Resource Management Plan goal of 70% diversion by 2015 and strengthen diversion programs for the institutional sector, it is recommended that a public school food scraps collection pilot project be undertaken to ensure the success of the full-scale institution food scraps collection program in the future.

Respectfully submitted,

Councillor D. Johnston  
Chair

Councillor S. Dhaliwal  
Vice Chair

Councillor A. Kang  
Member

**TO:** CHAIR AND MEMBERS  
ENVIRONMENT COMMITTEE

**DATE:** 2011 April 05

**FROM:** DIRECTOR ENGINEERING

**FILE:** 36600 05

**SUBJECT:** PUBLIC SCHOOL FOOD SCRAPS COLLECTION PILOT PROJECT

**PURPOSE:** To seek approval from the Committee and Council to undertake a public school food scraps collection pilot project.

---

**RECOMMENDATION:**

1. **THAT** the Committee recommend Council to authorize staff to:
  - a. work with the Burnaby School District to undertake a pilot food scraps collection from public schools as outlined in section 2.0 of this report; and
  - b. report back to the Committee and Council on the findings of the pilot project.

**REPORT****1.0 INTRODUCTION**

In 2010 June, the City launched its Food Scraps program allowing 35,000 single and two-family homes to add food scraps and food-soiled paper to their yard trimmings toter through the City's solid waste collection services. This service has been well received by the residents and it moves the City to achieve a greater diversion of material from the waste stream.

In late fall of 2010, Council authorized staff to undertake a multi-family food scraps pilot project. This project is also being well received and a staff report will be presented at the Committee meeting in June outlining the outcomes of the project and a possible implementation plan for Committee and Council's consideration.

The purpose of this report is to seek approval from the Committee and Council to undertake a public school food scraps collection pilot project.

## **2.0 PUBLIC SCHOOL FOOD SCRAPS COLLECTION PILOT PROJECT**

Public schools in Burnaby already use City services for garbage and recycling materials. As a natural step in progression of achieving greater waste diversion, staff are proposing to undertake a public school food scraps collection pilot project. Before a full-scale program rollout is considered, a pilot project would help to understand possible issues and solutions with public school food scraps collection. The objectives of the pilot are to:

- determine the potential volume of food scraps from schools and the associated number of bins required to adequately service them;
- identify potential logistical challenges associated with collection service; and
- identify barriers for participation and adapt a communication strategy to address these barriers.

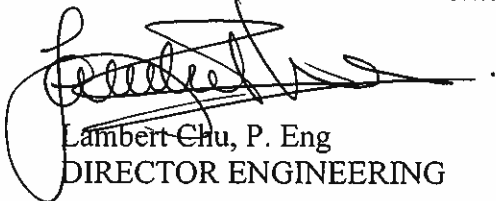
The pilot project will include up to seven schools. Some of these schools will be elementary schools, high schools, and will include community schools as well. A diversity of schools is required to identify the unique differences in collection.

As a component of the pilot project, the City will provide the carts, and weekly collection services over the period of the pilot project. Detailed education and communication resources as well as ongoing staff support will be a key component of the Project. It is anticipated that the schools selected for the pilot project will provide their own containers to collect food scraps internal to the school buildings, bring them to a central collection location and participate in engaging school staff and students in diverting food scraps.

Subject to approval of the Committee and Council, staff would work with the School District officials in implementing the pilot project. At this time the pilot project is anticipated to run for one school year starting this fall from October through 2012 June. Upon substantial completion of the pilot project, a staff report on the findings of the project will be submitted to the Committee and Council.

## **3.0 CONCLUSION**

In order to meet Metro Vancouver's Integrated Solid Waste and Resource Management Plan goal of 70% diversion by 2015 and strengthen diversion programs for the institutional sector, it is recommended that a public school food scraps collection pilot project be undertaken to ensure the success of the full-scale institution food scraps collection program in the future.



Lambert Chu, P. Eng  
DIRECTOR ENGINEERING

DD:br

Copied to: City Manager