

**DISTRICT OF NORTH VANCOUVER
COUNCIL WORKSHOP**

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Minutes of the Council Workshop of the Council for the District of North Vancouver held at 5:05 p.m. on Monday, July 16, 2012 in the Committee Room of the District Hall, 355 West Queens Road, North Vancouver, British Columbia.

Present: Mayor R. Walton
Councillor R. Bassam
Councillor R. Hicks
Councillor M. Little (5:47 pm)
Councillor A. Nixon

Absent: Councillor L. Muri
Councillor D. MacKay-Dunn

Staff: Mr. D. Stuart, Chief Administrative Officer
Mr. G. Joyce, General Manager – Engineering, Parks & Facilities
Mr. L. Carter, Manager – Utilities
Mr. L. Jensen, Manager – Operations
Ms. S. Carroll, Section Manager – Utilities and Technical Services
Mr. A. Lynch, Section Manager – Waste Reduction
Mr. B. Meslo, Section Manager – Solid Waste
Ms. M. Weston, Section Manager – Public Safety
Ms. L. Simkin, Acting Municipal Clerk
Ms. L. Brick, Confidential Council Clerk

Also in

Attendance: Mr. Neil Crellin, Dillon Consulting Ltd.
Ms. Linda Parkinson, Dillon Consulting Ltd.

1. Opening by the Mayor

Mayor Walton opened the meeting and welcomed staff and the public to the meeting.

2. Review of Solid Waste Operations & Preparation of an Integrated Solid Waste Management Plan

File No. 11.5360.20/020.000

Presentation: Neil Crellin and Linda Parkinson, Dillon Consulting Ltd.
Gavin Joyce, General Manager – Engineering, Parks & Facilities

Ms. Linda Parkinson, Dillon Consulting Ltd., presented the District Integrated Solid Waste Management Plan and advised that the focus of the waste management plan is to prevent and minimize waste through reduction, encourage re-use and recycling of materials, promote energy recovery, and manage the residual waste.

The Metro Vancouver Integrated Solid Waste Management Plan identifies a 90% reduction of waste generated from the 2010 levels by 2020 to a target level of 1.20 tonnes per capita; increase the waste diversion rate from the 2010 level of 55% to a minimum of 70% by 2015 and 80% by 2020; and to reduce the quantity of waste going to the Vancouver landfill to a maximum of 100,000 tonnes per year by 2020.

Ms. Parkinson advised that the 2011 single family waste diversion rate is at 65%. It was noted that further calculations are required to identify the diversion rates for residential drop off, bus stop garbage, parks department tonnage, industrial, commercial, and institutional garbage collected by the private sector, ICI recycling by the private sector, and take-back programs.

Ms. Parkinson advised that the key challenges for review of the overall diversion rates include:

- Methodology for accurately and consistently tracking waste generation and diversion in the District;
- Multi-family diversion targets for organics, recycling, and private sector collection;
- ICI recycling targets;
- New town centre waste and diversion methods; and,
- Bear awareness.

Mr. Len Jensen, Manager – Operations, advised that staff will be proceeding with a telephone survey of 300 residents to identify long term solutions and changes to meet the diversion goals set by Metro Vancouver.

Mr. Gavin Joyce, General Manager – Engineering, Parks & Facilities, advised that Engineering and Finance staff will be moving forward with building business cases for the options once the telephone survey and review of best practices have been completed.

Council Discussion:

Staff advised that options under consideration include bi-weekly pick up, pay for usage, increased bylaw enforcement, multi-family development organics diversion options, single stream verses multi-stream recycling, and a review of best practices. Council requested that staff investigate the use of garburators in multi-family units.

Councillor LITTLE arrived at this point in the proceedings.

Staff advised that Dillon Consulting will review the option of moving to a user pay system for garbage collection. Further, it was noted that the telephone survey will include questions regarding residents' desire to move to a single stream of recycling verses the current multi-stream and will measure the level of interest for bi-weekly pick up.

Staff will review the District's commercial hauling operations for private collection of ICI. Current contracts include the recreation facilities, school board, and some multi-family units within the District and City of North Vancouver.

Councillor LITTLE left the meeting at 6:14 pm.

Staff noted that fleet replacement has been held off pending completion of this review. Staff will return in the fall with a further presentation to Council regarding waste management.

The meeting recessed at 6:16 pm and reconvened at 6:19 pm.

3. Utilities Modeling Update

File No. 11.5550.01/000.000

Presentation: Lorn Carter, Manager – Utilities

Shaun Carroll, Section Manager – Utilities and Technical Services

Ms. Shaun Carroll, Section Manager – Utilities and Technical Services, advised that this is the third in a series of workshops regarding utilities for the District of North Vancouver. Ms. Carroll advised that this workshop will focus on the Utility Models which have been developed and how the models support the staff

analysis of the impact of growth in the town centres.

Councillor LITTLE returned to the meeting at 6:21 pm.

Inflow and infiltration has been identified as an issue as it can increase the system requirements by four times the regular levels during wet weather. Removing inflow and infiltration can help address the problem without needing to increase the capacity of the pipes in the ground.

Ms. Carroll advised that the computer modeling system is used to anticipate demands, patterns, growth impacts, and capital planning as well as prepare for emergencies and risk assessment. The systems are able to generate results of day-to-day operations simultaneously with storm and rain events.

Staff advised that the modeling of the sanitary system is complete for the town centres and a draft has been created for the remainder of the District. Staff advised that areas of concern include Lynn Valley and Lower Lynn and staff are working on addressing these issues. Upgrades will proceed simultaneously with infiltration and inflow reductions

A detailed draft is complete for the water system; there are some localized concerns which can be addressed by adding new pumps and looping or upsizing lines. Staff advised there are points in the system which have been identified for upgrades as they may not be able to service peak demand and a fire event simultaneously.

The draft Integrated Storm Management Program model for Lynn Valley is complete for overland flow of creeks and culverts with other town centre ISMP's to follow. Staff are not currently aware of any areas of concern and do not anticipate that future development will create any issues if there is no net increase in drainage from developments.

Staff advised that the modeling will be applied to assess development impact, prioritize the infiltration and inflow program components, update the development cost charges bylaw, and create a capital works schedule and sizing.

Council Discussion:

Council requested staff investigate the possibility of laying pipe for future energy systems when other pipe is being replaced in town centre areas.

Staff noted that the Lower Lynn sanitary system is undersized for the proposed development.

Staff advised that the District is conducting modeling to assess flow capacity before upgrading is completed on Lions Gate Sewage Treatment Plant.

Staff advised that a future consideration on capacity requirements includes proposed development on the Squamish Nation lands.

4. Adjournment

The meeting adjourned at 6:56 pm.

