



ENVIRONMENT COMMITTEE

NOTICE OF OPEN MEETING

DATE: TUESDAY, 2015 APRIL 14

TIME: 6:00 PM

PLACE: Council Committee Room, Main Floor, City Hall

A G E N D A

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1. <u>CALL TO ORDER</u>	
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ENVIRONMENT COMMITTEE MINUTES

Tuesday, 2015 February 10

An 'Open' meeting of the Environment Committee was held in the Council Committee Room, Main Floor, City Hall, 4949 Canada Way, Burnaby, B.C. on Tuesday, **2015 February 10** at 6:00 PM.

1. CALL TO ORDER

PRESENT: Councillor A. Kang, Chair
 Councillor S. Dhaliwal, Vice Chair
 Councillor P. Calendino, Member
 Mr. B. Brassington Jr., Citizen Representative
 Mr. P. Cech, Citizen Representative
 Ms. P. Hua, Citizen Representative
 Mr. F. Zhao, Citizen Representative

GUEST: Ms. M. Lumby, Former Citizen Representative

STAFF: Ms. L. Garnett, Assistant Director Long Range Planning
 Mr. D. Dattani, Deputy Director Engineering
 Ms. G. Caron, Purchasing Manager
 Ms. H. Edwards, Manager, Parks Planning, Design & Development
 Ms. L. Townsend, Eco System Planner
 Mr. M. Sloat, Planner 1
 Mr. S. Ramsey, Manager, Transportation Planning
 Ms. B. Zeinabova, Administrative Officer

The Chair called the Open meeting to order at 6:00 p.m.

The Chair welcomed new members to the Committee.

2. MINUTES

A) Open meeting of the Environment Committee held on 2014 December 03

The Committee approved the minutes of the Environment Committee Open meeting held on 2014 December 03 by UNANIMOUS CONSENT.

3. **PRESENTATION**

A) Stu Ramsey, Manager, Transportation Planning
Re: Public Realm Design Standards for Town Centre Streets

MOVED BY COUNCILLOR P. CALENDINO

SECONDED BY COUNCILLOR S. DHALIWAL

THAT the presentation be heard.

CARRIED UNANIMOUSLY

Mr. S. Ramsey, Manager, Transportation Planning appeared before the Committee providing an overview of the public realm design standards for streets in Burnaby's four Town Centres. It was noted that development of the design standards was guided by Council policy and the role of the public realm is to foster a sense of pride in the community and strengthen sense of place.

The streetscape designs have been developed on principles of re-creating the "living room", being attractive, building "complete streets", emphasizing local community, enhancing the environment and efficient use of space.

The details and dimensions of the designs vary based on street classification, while each incorporates similar elements located in six "zones". The elements of the typical sections are building setback zone, walking zone, centre boulevard, cycling zone, front boulevard, and vehicular zone.

The speaker noted that the public realm designs are being implemented primarily through the rezoning process and the standards apply at the four Town Centres; however, over time other suitable locations may be identified through the rezoning or other processes.

Councillor Dhaliwal suggested going beyond Town Centres and extending the design to the residential areas.

Councillor Calendino suggested considering major commercial streets in the City, i.e. Kingsway, Hastings, Boundary, etc. and including creative public art.

Councillor Kang inquired regarding uniqueness of each Town Centre, and further if furniture, light fixtures, bike racks, etc. could be customized, with emphasis on safe furniture for all ages. The speaker also inquired regarding palm trees and edible gardens.

Mr. Brassington Jr. expressed concern regarding a number of streets in North Burnaby without sidewalks and encouraged staff to investigate already established neighbourhoods for the similar design.

The Chair conveyed thanks to Mr. Ramsey for very informative presentation.

4. **CORRESPONDENCE**

MOVED BY COUNCILLOR P. CALENDINO

SECONDED BY MR. P. CECH

THAT the correspondence be received.

CARRIED UNANIMOUSLY

A) Memorandum from the Deputy City Clerk
Re: Public Realm Design Standards for Town Centre Streets

A memorandum was received from the Deputy City Clerk advising that Council, at the Open Council meeting held on 2015 January 19, received and adopted the above noted report advising of the progress made on public realm design standards for streets in Burnaby's four Town Centres. Council requested staff prepare a presentation to the Transportation, Traffic Safety and Environment Committees to share the creative development of Town Centres, highlighting community arts, sidewalk improvements, bike lanes and environmental enhancements.

B) Memorandum from the Director Planning and Building
Re: 2015 Environment Committee Workplan

A memorandum was received from the Director Planning and Building outlining anticipated key environmental reports and presentations for the upcoming year. The workplan incorporates the City's environmental goals and objectives, is dynamic and based on emerging priorities. Staff provided a summary of the key workplan items for 2015.

C) Correspondence from Metro Vancouver
Re: Progress Report on the 2011 Integrated Air Quality and Greenhouse Gas Management Plan

Correspondence was received from Metro Vancouver with a copy of the report titled "Progress Report on the 2011 Integrated Air Quality and Greenhouse Gas Management Plan", which was adopted at the Greater Vancouver Regional District Board of Directors regular meeting held on 2014 November 28. The Board adopted a resolution to forward the report to agency partners and key stakeholders for information, and indicated its continued interest in working with them to improve air quality and reduce greenhouse gas emissions in the region.

Staff provided background information on the air quality monitoring noting that some pollutants are declining over the last few years due to emission standards; however, average levels of ground-level ozone are increasing slightly due to refinery and marine traffic in North Burnaby.

Councillor Dhaliwal expressed concerns regarding an increase in sulphur dioxide due to marine traffic.

Staff undertook to monitor this matter.

5. **REPORTS**

MOVED BY COUNCILLOR S. DHALIWAL
SECONDED BY COUNCILLOR P. CALENDINO

THAT the reports be received.

CARRIED UNANIMOUSLY

A) Report from the Director Planning and Building **Re: 2015 Environment Week and Environmental Awards Program**

The Director Planning and Building submitted a report seeking approval for the preliminary planning approach for Environment Week and the Environmental Awards Program call for nominations for 2015.

The Director Planning and Building recommended:

1. THAT Council approve the preliminary planning approach for Environmental Week, scheduled for 2015 May 30 to June 06.
2. THAT Council approve the call for nominations for the 2015 Environmental Awards Program.
3. THAT Council approve an expenditure of \$2,650 from the Boards, Committees and Commissions' operating budget for advertising the Environmental Awards Program call for nominations.
4. THAT Council approve an expenditure of \$5,925 from the Boards, Committees and Commissions' operating budget for advertising the Garage Sale Day Event.
5. THAT Council approve an expenditure of \$6,850 from the Boards, Committees and Commission's operating budget for advertising Environment Week.

MOVED BY COUNCILLOR P. CALENDINO
SECONDED BY MS. P. HUA

THAT the recommendations of the Director Planning and Building be adopted.

CARRIED UNANIMOUSLY

Councillor Calendino suggested name change (i.e. Go Greek Week) and for the next year's 20th anniversary plan a big 'green' concert.

Councillor Calendino expressed concern with food scrap recycling at multi-family developments.

Staff described the City's approach regarding food scrap and glass recycling, emphasizing multiple levels of education.

Councillor Kang suggested educational games during the Environment Week focusing on recycling and reuse.

Staff undertook to investigate.

Mr. B. Brassington Jr. retired from the meeting at 8:02 p.m.

Mr. B. Brassington Jr. returned to the meeting at 8:02 p.m. and took his place at the Committee table.

Councillor Calendino inquired regarding any issues related to advertising private addresses for garage sale.

Staff noted there were no issues for past three years, but undertook to monitor this matter.

Arising from discussion, Mr. Brassington Jr. was granted leave by the Committee to introduce the following motion:

MOVED BY MR. B. BRASSINGTON JR.
SECONDED BY MS. P. HUA

THAT staff report on 'car free days' in other cities, including impacts, successes, and recommendations for the City of Burnaby.

CARRIED UNANIMOUSLY

Mr. F. Zhao retired from the meeting at 8:04 p.m.

Mr. F. Zhao returned to the meeting at 8:06 p.m. and took his place at the Committee table.

B) Report from the Director Finance
Re: Sustainable Purchasing Initiatives - City Green Team

The Director Finance submitted a report on 2014 City Green Team initiatives, and seeking Council's endorsement of the proposed 2015 Work Plan.

The Director Finance recommended:

1. THAT Council receive this report for information.
2. THAT Council authorize the City Green Team to proceed with the proposed 2015 Work Plan.

MOVED BY MR. F. ZHAO

SECONDED BY MR. B. BRASSINGTON JR.

THAT the recommendations of the Director Finance be adopted.

Staff provided a Power Point presentation summarizing the report.

CARRIED UNANIMOUSLY

Councillor Calendino inquired regarding single sided documents from various departments.

Staff undertook to investigate and advise departments accordingly.

6. NEW BUSINESS

Ms. Lise Townsend, Ecosystem Planner

Ms. Townsend provided a brief overview of Burnaby's Environmental Sustainability Strategy (ESS), summarizing the three-phase process and noting some of the key activities. In addition, the speaker outlined the Community Energy and Emissions Plan (CEEP), which is being developed concurrently with the ESS.

In conclusion, Ms. Townsend noted next steps for the ESS process, resulting with finalization of the Strategy and reporting to Council.

Councillor Kang

Councillor Kang inquired regarding models of satellite hubs for recycling (i.e. corner stores, restaurants, etc.) to collect non-recyclable material such as styrofoam and plastic.

Staff undertook to report back to the Committee.

7. INQUIRIES

There were no inquiries brought before the Committee at this time.

8. ADJOURNMENT

MOVED BY MR. P. CECH

SECONDED BY MR. F. ZHAO

THAT the Open meeting do now adjourn.

CARRIED UNANIMOUSLY

The Open meeting adjourned at 9:03 p.m.

Blanka Zeinabova
ADMINISTRATIVE OFFICER

Councillor Anne Kang
CHAIR

Zeinabova, Blanka

Subject: FW: sustainable infrastructure

On Nov 5, 2014, at 12:18 AM, "Wendy Hinestrosa" <wjhinestrosa@gmail.com> wrote:

Hello Ms Kang,

It was a pleasure to meet you.

Thank you listening to my concerns about sustainability, specifically concerning storm water. Monday's rain and flooding in North Vancouver have highlighted the need to be proactive on this topic.

The Problem: We are covering Burnaby in hard impermeable surfaces. This means that in a heavy rain storm water is instantly running off roofs, driveways, parking lots, sidewalks, streets, paved lanes and their shoulders and dividers into our drains and creeks. Construction in Metro Vancouver is booming and Burnaby is no exception. Increasingly we are loosing trees, shrubs and open areas to buildings, blacktop, and cement.

The banks of John Mathews creek were becoming dangerously eroded in the past few years, putting in danger neighbouring properties. Burnaby was forced to spend millions fixing this problem.

I also notice that a couple of houses on Mac Gregor st. bordering Froggers Creek are no longer there.

Solution

Seattle has done much more work on this problem and I suggest that you

investigate www.seattle.gov particularly green storm water, & drainage projects

Other ideas include *hedges along roadways, instead of pavement or even grass. (this would also stop J-walking)

*planting trees along all streets (beautifying and also bird habitat)

*building of more swales as has been constructed on Watling street between

Jubilee and Waverly streets.

*roundabouts with plantings instead of stop signs at intersections.

*removing of blacktop shoulders on streets, lanes and around drains and replacing with vegetation and rain gardens (safer for fish)

*all new construction to make use of rain water for use on site eg. flushing toilets or watering plants in Summer dry periods.

*retrofitting incentives

*permeable blacktop to be used

Thanks for your interest

Wendy Hinestrosa

February 23, 2015

File No. 01-0230-40

SECTION 2 COUNCIL CORRESPONDENCE

City Manager
Dir. Planning & Building
Environment Committee

Dear Mayor and Council:

Re: Declaration of the Right to a Healthy Environment

At the Regular Council meeting of February 10, 2015, Port Moody City Council passed the following resolution:

“WHEREAS municipalities and regional districts are the governments nearest to people and the natural environment, and therefore share a deep concern for the welfare of the natural environment and understand that a healthy environment is inextricably linked to the health of individuals, families, future generations and communities;

AND WHEREAS fostering the environmental well-being of the community is a municipal purpose under section 7(d) of the *Community Charter* and a regional district purpose under section 2(d) of the *Local Government Act*;

The Council of the City of Port Moody declares that:

1. every resident has the right to live in a healthy environment, including the right to:
 - a. breathe clean air,
 - b. drink clean water,
 - c. consume safe food,
 - d. access nature,
 - e. know about pollutants and contaminants released into the local environment, and
 - f. participate in decision making that will affect the environment;
2. The City of Port Moody has the authority, within its jurisdiction, to respect, protect, fulfill and promote these rights;
3. The City of Port Moody will consider the precautionary principle when making decisions: where threats of serious or irreversible damage to human health or the environment exist, the City of Port Moody will consider cost effective measures to prevent the degradation of the environment and protect the health of its citizens, and the absence of full scientific certainty will not be viewed as sufficient reason for the City of Port Moody to postpone such measures;

4. The City of Port Moody will apply full cost accounting when evaluating reasonably foreseeable costs of proposed actions and alternatives, the City of Port Moody will consider costs to human health and the environment;
5. By 2016, the City of Port Moody will specify objectives, targets, timelines and actions the City of Port Moody will consider, within its jurisdiction, to address the residents' right to a healthy environment under section 1, including priority actions to:
 - a. Ensure infrastructure and development projects of the City of Port Moody and private sector respect the objective of protecting the environment, including air quality;
 - b. address climate change by reducing greenhouse gas emissions and implementing adaptation measures;
 - c. prioritize walking, cycling and public transit as preferred modes of transportation;
 - d. prioritize infrastructure and protected water sources for the provision of safe and accessible drinking water;
 - e. reduce solid waste and promote recycling, re-use and composting;
 - f. establish and maintain accessible green spaces in all residential neighbourhoods, and protect and conserve nature in public open spaces;
6. The City of Port Moody will review the objectives, targets, timelines and actions of its healthy environment policy every five (5) years, and measure progress toward fulfilling this Declaration; and
7. The City of Port Moody will consult with residents as part of this process.

AND THAT this declaration be forwarded to the Lower Mainland Local Government Association, the Union of BC Municipalities, the Federation of Canadian Municipalities and member local governments, requesting favourable consideration by local councils and by delegates at the 2015 annual general meetings of these associations.”

The City of Port Moody has forwarded this resolution to the Lower Mainland Local Government Association (LMLGA), the Union of British Columbian Municipalities (UBCM), and the Federation of Canadian Municipalities (FCM) for discussion at their 2015 Conference/Convention. We respectfully request that your Council favourably support this initiative when it comes forth for discussion. Should you have any questions, please feel free to contact the undersigned at 604-469-4505.

Yours truly,

Kelly Ridley
Manager of Legislative Support



Parks, Recreation & Cultural Services
Administration Office

INTER-OFFICE MEMORANDUM

TO: ENVIRONMENT COMMITTEE DATE: 2015 FEBRUARY 19

FROM: DIRECTOR PARKS, RECREATION AND CULTURAL SERVICES

SUBJECT: **BURNABY FRASER FORESHORE PARK – FRASER RIVER DYKE
REHABILITATION COMPENSATION SITES**

At its 'Open' meeting of 2015 February 18, the Parks, Recreation and Culture Commission received the attached staff report regarding the above subject and adopted the recommendations contained therein.

A copy of the report is attached for the information of the Environment Committee.

Dave Ellenwood

DP:tc

Attachment

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Item	3
Director's Report No.	2
Meeting	2015 Feb 18

COMMISSION REPORT

TO: CHAIR AND MEMBERS
PARKS, RECREATION & CULTURE COMMISSION

FROM: DIRECTOR PARKS, RECREATION &
CULTURAL SERVICES

**SUBJECT: BURNABY FRASER FORESHORE PARK - FRASER RIVER DYKE
REHABILITATION COMPENSATION SITES**

RECOMMENDATIONS:

1. **THAT** approval be given for use of two sites within Burnaby Fraser Foreshore Park for required Department of Fisheries and Oceans compensatory environmental in-stream and salmonid habitat enhancement works along Glen Lyon Creek and Fraser River foreshore riparian plantings, for the dyke rehabilitation and upgrade works undertaken by the City along reaches one and nine of the Fraser River North Arm dyke, as outlined in this report.
2. **THAT** a copy of this report be sent to the Environment Committee for information.

REPORT

As part of the City's ongoing program to upgrade flood protection works along the Fraser River the Director Engineering is requesting the use of several areas within the Burnaby Fraser Foreshore Park for the installation of aquatic, riparian and terrestrial habitat compensation works required by the Department of Fisheries and Oceans. The City's Burnaby Fraser Foreshore Park, a linked system of linear and large park area, extends over about half of Burnaby's river corridor. The proposed compensation sites are at two separate locations within the park as illustrated in the park map ([Attachment #1](#)), and involve building meanders and fish habitat into a section of the Glen Lyon Creek watercourse in an upland area of the park, and riparian planting along the Fraser River dyke and foreshore from Byrne Road to the Fraser Park Drive cul-de-sac.

Engineering Department Staff have submitted conceptual plans for the proposed habitat compensation works prepared by Dillon Consulting which meet the DFO's requirements and are acceptable to Parks Staff. Preservation of visual corridors to the Fraser River have been considered and protected in the riparian planting plan. The proposed Glen Lyon Creek stream channel alignment changes, including pools, and in-stream habitat complexing and riparian area planting will enhance the habitat value of this conservation zone within the park to support aquatic and terrestrial wildlife species, including Stickleback and Chinook Salmon found along this reach of Glen Lyon Creek.

To: Parks, Recreation & Culture Commission
From: Director Parks, Recreation & Cultural Services
Re: Burnaby Fraser Foreshore Park - Fraser River Dyke
Rehabilitation Compensation Sites

..... Page 3

Signs will be posted in the park notifying the public of any temporary disruptions.

The construction contract will include a five year monitoring and maintenance period for the compensatory works on Glen Lyon Creek. Provision has been included in the channel design for a sediment pond facility at Marine Way with access for Engineering Operations, who are responsible for maintaining the Glen Lyon Creek watercourse.

The City must complete the installation of the required compensation works by 2015, December 21st. In order to meet this timeline, a number of approvals are required in sequence commencing with Commission approval, at its 2015, February 18th meeting, for use of the proposed compensation sites within Burnaby Fraser Foreshore Park.



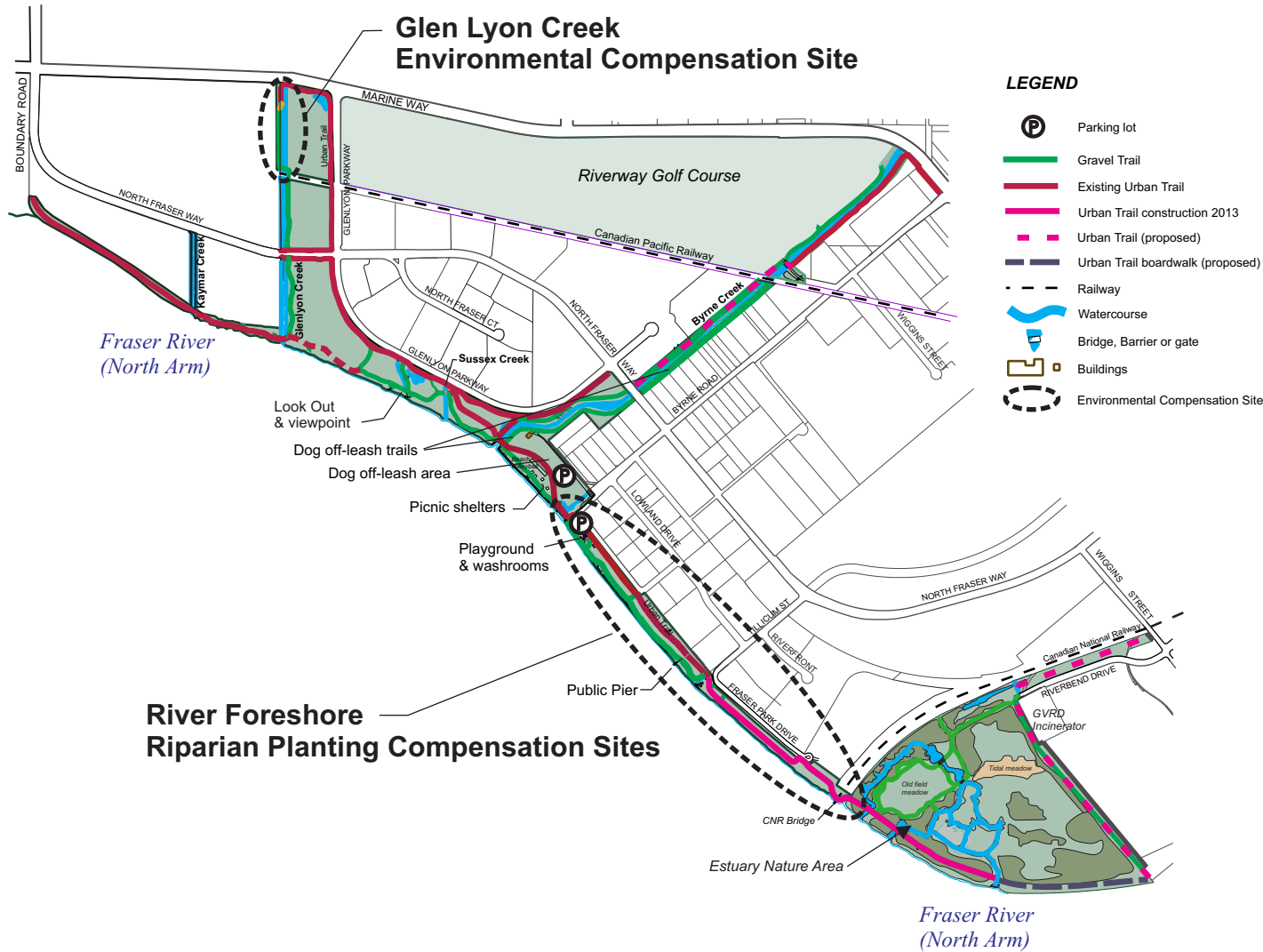
Dave Ellenwood
DIRECTOR PARKS, RECREATION & CULTURAL SERVICES

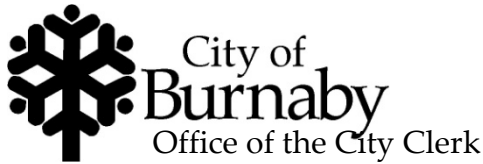
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Attachment

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Copied to: Director Engineering
Director Planning and Building





D. Back, City Clerk
S. Cleave, Deputy City Clerk
K. O'Connell, Deputy City Clerk

INTER-OFFICE MEMORANDUM

TO: CHAIR AND MEMBERS DATE: 2015 FEBRUARY 19
ENVIRONMENT COMMITTEE

FROM: DEPUTY CITY CLERK FILE: 02410-20

SUBJECT: BLUE DOT CAMPAIGN
(ITEM 3(A), DELEGATION, COUNCIL MEETING 2015 FEBRUARY 16)

At the 2015 February 16 Council meeting, Kim Fink-Jensen, Kate Fink-Jensen and Naomi Cech appeared as a delegation to provide an overview of the Blue Dot Campaign and request the City of Burnaby consider passing a "Burnaby Municipal Declaration To The Right To A Healthy Environment".

Arising from discussion, Council adopted the following resolution:

Blue Dot Campaign

WHEREAS the Blue Dot movement recognizes Canadian citizens' rights to a healthy environment and calls upon the Provinces of Canada to support amendment of the Canadian Constitution, Charter of Rights and Freedoms ("the Charter") to enshrine these rights; and

WHEREAS recognition of constitutional environmental rights has been undertaken by many nations worldwide; and

WHEREAS a healthy environment supports human health and prosperity; and

WHEREAS environmental protection, alongside social and economic sustainability, is a fundamental characteristic of Burnaby and the City of Burnaby is undertaking a broad citizen-based process to further demonstrate global leadership in protecting and regenerating ecosystems, supporting a healthy and prosperous community;

THEREFORE BE IT RESOLVED that Council declare Burnaby a Blue Dot Community in support of the movement, for the Provincial and Federal governments to enshrine rights to a healthy environment in the Charter."

.../2

Environment Committee
Subject: BLUE DOT CAMPAIGN
2015 February 19 Page 2

Council further requested the resolution as well as the declaration provided by the delegation be forwarded to the Environment Committee for information.

A copy of the declaration is provided as an attachment.

Sid Cleave
Deputy City Clerk

SC:rj

Burnaby Municipal Declaration The Right To A Healthy Environment

Whereas the CITY OF BURNABY understands that people are part of the environment, and that a healthy environment is inextricably linked to the well-being of our community;

The CITY OF BURNABY finds and declares that:

1. All people have the right to live in a healthy environment, including:

The right to breathe clean air.

The right to drink clean water.

The right to consume safe food.

The right to access nature.

The right to know about pollutants and contaminants released into the local environment.

The right to participate in decision-making that will affect the environment.

2. The CITY OF BURNABY has the responsibility, within its jurisdiction, to respect, protect, fulfil and promote these rights.
3. The CITY OF BURNABY shall apply the precautionary principle: where threats of serious or irreversible damage to human health or the environment exist, the CITY OF BURNABY shall take cost effective measures to prevent the degradation of the environment and protect the health of its citizens. Lack of full scientific certainty shall not be viewed as sufficient reason for the MUNICIPALITY to postpone such measures.
4. The CITY OF BURNABY shall apply full cost accounting: when evaluating reasonably foreseeable costs of proposed actions and alternatives, the CITY OF BURNABY will consider costs to human health and the environment.
5. By 2015, the CITY OF BURNABY shall specify objectives, targets and time lines and actions the MUNICIPALITY will take, within its jurisdiction, to fulfil residents' right to a healthy environment, including priority actions to:
 - a. Ensure equitable distribution of environmental benefits and burdens within the City of Burnaby, preventing the development of pollution "hot spots";
 - b. Ensure infrastructure and development projects protect the environment, including air quality;

- c. Address climate change by reducing greenhouse gas emissions and implementing adaptation measures;
- d. Responsibly increase density;
- e. Prioritize walking, cycling and public transit as preferred modes of transportation;
- f. Ensure adequate infrastructure for the provision of safe and accessible drinking water;
- g. Promote the availability of safe foods;
- h. Reduce solid waste and promote recycling and composting;
- i. Establish and maintain accessible green spaces in all residential neighbourhoods.

The CITY OF BURNABY shall review the objectives, targets, time lines and actions every five (5) years, and evaluate progress towards fulfilling this declaration.

The CITY OF BURNABY shall consult with residents as part of this process



Meeting 2015 Apr 14

COMMITTEE REPORT

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2015 April 07

FROM: DIRECTOR PLANNING AND BUILDING

FILE: 33000-01
Reference: Environment Week

SUBJECT: 2015 ENVIRONMENT WEEK PROGRAM

PURPOSE: To seek approval for the 2015 Environment Week Program.

RECOMMENDATION:

1. **THAT** Council be requested to approve the 2015 Environment Week Program, as outlined in *Appendix A*.

REPORT**1.0 BACKGROUND**

Burnaby's annual Environment Week promotes environmental stewardship and sustainability through a range of environmentally themed events and activities. Coordinated by the City and its community partners, Environment Week provides an opportunity for Burnaby residents, local community groups, businesses, CUPE Local 23 and other government agencies to come together and celebrate Burnaby's natural environment.

Environment Week 2015 is scheduled for Saturday, May 30 to Saturday, June 6. The week long program coincides with Canadian Environment Week, as well as World Environment Day and Clean Air Day.

On the recommendation of the Environment Committee, City Council approved the preliminary approach for this year's Environment Week Program at the regularly scheduled Council Meeting of 2015 February 16. At the meeting, Council also approved an expenditure of \$2,650 from the Boards, Committees, and Commissions' budget for advertising for the Environmental Awards Program call for nominations, \$5,925 for advertising for the Garage Sale Day Event, and \$6,850 for promotion and advertising Environment Week. This second report presents a more detailed schedule of events, outlined in *Appendix A*, for review by the Environment Committee and recommendation for approval by Council.

To: Environment Committee
 From: Director Planning and Building
 Re: 2015 Environment Week Program
 2015 April 07..... Page 2

2.0 2015 ENVIRONMENT WEEK PROPOSED PROGRAM

The program for Environment Week consists of two parts: the Environmental Awards Program (www.burnaby.ca/environmentawards) and the activities and events associated with Environment Week (www.burnaby.ca/environmentweek).

2.1 2015 Environment Awards Program

Burnaby's Environment Awards Program acknowledges deserving individuals, groups and businesses that have made significant contributions to the protection, stewardship and sustainability of the environment. Environment awards are given in six categories: Business Stewardship, Communications, Community Stewardship, Green Choices, Planning and Development, and Youth. Depending on the significance of the contribution, recipients may be recommended for an Environmental Award or an Environmental Star.

The approved funds have been used to promote the event through local print media and social media, as well as by placement of promotional posters at all civic facilities.

The nomination process closed on 2015 April 13. Staff will coordinate with the citizen representatives of the Environment Committee a review of the submissions and recommendation of recipients to Council for approval. The names of the award recipients are proposed to be publicly announced at the regularly scheduled Council Meeting on 2015 May 25. Recipients will be invited to receive their awards at a celebratory reception, attended by invited guests of Burnaby's environmental community, on Sunday, 2015 June 14 at the Burnaby Lake Rowing Pavilion.

2.2 2015 Environment Week Activities and Events

One initiative of Environment Week 2015 is already underway. On 2015 March 24, the 2nd Annual Burnaby Youth Video Contest was launched at the Do It Green Conference, which is organized by the Burnaby Youth Sustainability Network. Video submissions will be accepted throughout April, with online voting by the public and selection of the winning submission scheduled for later in May. The prize winners will be announced at the City's Environment Festival on May 30.

Contest details are presented in *Appendix A* and on the contest webpage (www.burnaby.ca/environmentweek/youthvideocontest).

Building on the success of the previous two years, the Environment Festival at Burnaby City Hall in the outer courtyard will again officially start off Environment Week. The festival will occur at the same time as the regularly scheduled Farmers Market, creating a unique and engaging community event. Information displays and exhibits from the City's various community partners are the main focus of the festival, but there will also be small prize giveaways and live music throughout.

To: Environment Committee
 From: Director Planning and Building
 Re: 2015 Environment Week Program
 2015 April 07..... Page 3

A new community partner to Environment Festival for 2015 is ElectroRecycle – British Columbia’s small appliance and power tool recycling program – who plan to host a free drop off site at the festival and promote this activity leading up to May 30. Other events starting off Environment Week include an open house at the City of Burnaby’s Eco-Centre and the annual City-wide Garage Sale Day.

The remainder of Environment Week is filled with a variety of events and activities each day, offered by the City’s many community partners. A detailed schedule of all planned events and activities is presented in *Appendix A*. Any outstanding logistical details will be finalized by mid-April. Upon approval of this report by Council, the Environment Week webpage (www.burnaby.ca/environmentweek) will be updated and promotional materials will be finalized.

3.0 PROMOTION AND SPONSORSHIP

Environment Week 2015 will be promoted to the public through the City’s website and social media, and through the City’s environmental community contacts, by placement of posters at civic facilities, and by placement of print and online ads in social media and in local newspapers. An expenditure of \$6,850 from the Boards, Committees and Commissions’ operating budget was approved by Council for this purpose at the regular meeting on 2015 February 16.

Corporate sponsorship has contributed significantly to Environment Week in the past, and as approved by Council at its 2015 February 16 meeting, staff are pursuing sponsorship again this year to supplement program activities.

4.0 CONCLUSION

Environment Week in Burnaby is a community-based program that promotes environmental stewardship and sustainability within the City. The 2015 Environment Week Program provides opportunities for the public to participate through a wide range of informative, fun and engaging environmentally-themed activities and events. This report seeks approval from Council, through the Environment Committee, for the 2015 Environment Week Program, as outlined in *Appendix A*.


 Lou Pelletier, Director
 PLANNING AND BUILDING

MS:sa/sla

Attachment

cc:	City Manager	Deputy City Managers
	Director Engineering	Director Finance
	Fire Chief	Director Parks, Recreation and Cultural Services
	OIC, RCMP	Chief Librarian
	President, CUPE 23	City Clerk

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APPENDIX A

2015 BURNABY ENVIRONMENT WEEK PROGRAM

The City's webpage for Environment Week is www.burnaby.ca/environmentweek. All times and locations for events and activities will be posted to this site.

PRELIMINARY EVENTS**APRIL AND MAY, 2015*****Burnaby Environment Week Youth Video Contest***

(www.burnaby.ca/environmentweek/youthvideocontest)

The Burnaby Environment Week Youth Video Contest was launched on March 24th at the Burnaby Youth Sustainability Network's annual Do It Green Sustainability Conference, held this year at Burnaby South Secondary School. The contest is open to Burnaby's secondary school aged students (13 to 18 years of age). Participants select one of the ten themes of the City's draft Environmental Sustainability Strategy and create a video to express why that theme is of particular importance to them and what individual actions they can take to support that goal. An aim of the contest is to encourage submissions that are creative, fun and inspiring.

Submissions will be received from April 1 to 30th. The Environment Week Organizing Committee will select the finalists and post them to the contest's home webpage for the public to vote online for their favourites over a two week period in mid-May. The organizing committee will consider the results of the online voting when selecting the winning submission and first and second runners-up.

Prizes will be awarded at the Environment Festival on May 30th. The Grand Prize winner will receive a Discover Kayaking Package (for six people) from the City of Burnaby Parks, Recreation and Cultural Services Department, lunch or dinner at Burnaby's Riverway or Burnaby Mountain Clubhouses (for six people), and an onsite tour of sustainability initiatives at the Burnaby campus of entertainment software company Electronic Arts.

MONDAY, MAY 25***2015 Environment Awards - Announcement by City Council***

Recipients of the Environment Awards and Stars for 2015 are scheduled to be announced at the Monday, 2015 May 25 Council Meeting.

WEEK LONG EVENTS**MONDAY, MAY 25 – SUNDAY, MAY 31*****Bike to Work Week***

2015 Spring Bike to Work Week is scheduled from May 25 to May 31. This annual event is organized by HUB: Your Cycling Connection, and delivered throughout Metro Vancouver. Community partners will be organizing commuter stations with complimentary food and drink for participants throughout Burnaby. City staff, businesses and residents will be encouraged to

incorporate cycling into their commute. The City of Burnaby supports Bike to Work Week by making a modest financial contribution to HUB and providing in-kind support on an annual basis.

WEEK OF MAY 31 – JUNE 6

Commuter Challenge

The community and City staff will be encouraged to take part in the week-long Commuter Challenge event from May 31 to June 6. The Commuter Challenge is a national event that coincides with other national programs such as Canadian Environment Week and Clean Air Day on June 3. In Metro Vancouver, the Commuter Challenge is hosted by Better Environmentally Sound Transportation (BEST).

At City Hall, Bike to Work Week and the Commuter Challenge will be promoted with a display on the main floor. Staff will be encouraged to participate in both events and to log their commutes online in order to be eligible for individual prizes from HUB and BEST.

DAILY EVENTS

SATURDAY, MAY 30

Burnaby Environment Festival, Burnaby City Hall, 9am to 2pm

This one-day public event will include environmental information displays from city departments, community partners and external exhibitors, activities for families and children including an environmentally themed craft, a community mapping activity, eco-tours to the nearby heron colony, live music, and prizes. The event will be held at Burnaby City Hall in the outer courtyard and walkways beside the bus loop. Using transit and/or bicycles to travel to the festival will be encouraged.

ElectroRecycle - BC's small appliance and power tool recycling program – is a new community partner for 2015. They plan to promote and host a free drop off site at Environment Festival as part of a city wide collection drive to raise awareness that small appliances and power tools can be recycled and not discarded.

Small prize draws are planned throughout the event. Entry into the prize draws will require attendees visit the various exhibitors and displays and complete their *Environmental Passport*, which will be available at the entrance to the festival. Prizes will include Farmers' Market gift certificates (Farmers' Market dollars) of modest value for spending at the nearby Farmers' Market.

Burnaby Farmers' Market, Burnaby City Hall, 9am to 2pm

At the same time as the Environment Festival, the regularly scheduled Burnaby Farmers' Market will take place in the north parking lot of City Hall. The event will be cross promoted with the Environment Festival.

Open House at the Burnaby Eco-Centre (4800 Still Creek Drive), 10am to 2pm

The Burnaby Eco-Centre is a public facility where residents can take materials accepted into the City's recycling program. For the open house, there will be information displays, staff available to answer questions and live music. This event and the Environment Festival are proposed for the same day, offering opportunities for cross promotion.

City-sponsored Garage Sale Day Event, city wide, all day

This program encourages waste reduction and recycling efforts by promoting the reuse of household items, resulting in the diversion of materials and goods from the waste stream. Burnaby residents planning a garage sale on their property can register with the City for promotion in newspapers, at civic facilities and on City web pages. Information on garage sale tips, donating locally, and participant responsibilities will be offered to those who register.

Garden Workshop, Forest Grove Elementary School, 1:30pm to 3pm

Barb McMahon of Sprouting Chefs (www.sproutingchefs.com) will lead this workshop, which will take place at the Forest Grove Elementary School's edible garden. This garden was established as the School District's first edible garden in 2011 and received an Environmental Award from the City of Burnaby in 2014. Participants will learn what grows best in the surrounding area of Burnaby by touring the garden, how to create a raised bed in your back yard for 'lasagna gardening' – a form of organic, no till gardening, and the Top 10 vegetables that kids love to grow and eat.

Mandarin Language Nature Tour, Deer Lake, 3pm to 5pm

Mr. Joseph Lin of the Green Club will lead a public nature tour, in the Mandarin language, of Deer Lake Park discussing the watershed, flora, fauna, and how to protect the environment. Mr. Lin is the founding President of the Lower Mainland based Green Club (www.greenclub.bc.ca). He has led numerous nature walks and monthly eco-tours in Mandarin for the Chinese and Taiwanese communities since 1999. The tour will depart from the Shadbolt Centre.

SUNDAY, MAY 31

Forests, Wetlands and Snakeheads – Oh My! Central Park, 10am to 12pm

This tour is part of the series of nature walks offered by the City of Burnaby Parks, Recreation and Cultural Services. The tour will be led by Pamela Zevit, Program Coordinator for the South Coast Conservation Program. Participants will tour the park and learn about the ecology of Central Park and local wildlife.

2nd Annual Historical Walking Tour of Upper Still Creek Watershed, 12:30pm to 2:30pm

Still Moon Arts Society (www.stillmoon.org) and the City of Burnaby will offer the 2nd annual tour of Upper Still Creek watershed, on foot and by SkyTrain. The tour will begin at Swangard Stadium in Central Park, which is within the historical headwaters of Still Creek watershed. After a short SkyTrain ride, participants will tour the historic Collingwood neighbourhood and Renfrew Ravine on foot, ending at a recently enhanced area of Still Creek near Grandview Highway. Tour participants will learn about the historical and ecological context of Upper Still Creek watershed. A key narrative will be the health of the watershed and the recent return of salmon to spawn in Still Creek.

Weed Busters at Burnaby Lake, Burnaby Lake Park Association, 1pm to 4pm

The Burnaby Lake Park Association (BLPA) will host an invasive species removal of English Ivy and Lamium at a specific location within the park. All members of the public are welcome to participate. This event is part of their regularly scheduled Weed Busters events, which are open to the public.

MONDAY, JUNE 1

Wildlife Photography Workshop (time and location in Burnaby to be determined)

Mr. Connor Stefanison will lead a second addition of the workshop offered last year, which provided tips and advice for aspiring nature and wildlife photographers of all interest and experience levels. Mr. Stefanison is a Burnaby based wildlife photographer of considerable renown. He was a recent recipient of an international award given to aspiring youth wildlife photographers between the ages of 22 to 26 years in the BBC Wildlife Photographer of the Year Awards. The awarded images were part of a world-touring exhibition that included Victoria's Royal BC Museum.

TUESDAY, JUNE 2

Guided Canoe Trips, Deer Lake Park, 6pm to 7pm and 7:15pm to 8:15pm

Organized by Burnaby Parks, Recreation and Cultural Services Department, two separate canoe trips on Deer Lake are scheduled. Participants will learn about the plants and animals that are part of the Deer Lake ecosystem. Trips are for those aged 10 years and older; children aged 10 to 15 must be accompanied by a parent or guardian. Teens aged 16-19 may attend without a parent or guardian, but a waiver form must be signed.

Weed Busters at Burnaby Lake, Burnaby Lake Park Association, 6:30pm to 8:30pm

The Burnaby Lake Park Association (BLPA) will host an invasive species removal of English Ivy and Lamium. This will be a continuation of the Sunday event. All members of the public are welcome to attend.

WEDNESDAY, JUNE 3

National Clean Air Day

As part of Canadian Environment Week, Clean Air Day aims to raise awareness and encourage action on air pollution and climate change. Clean Air Day will be promoted as part of the Commuter Challenge, including an information display at City Hall.

Eco-Sculpture Planting Activity, 12pm to 1pm, City Hall

City of Burnaby Parks, Recreation and Cultural Services Department will host an eco-sculpture planting activity at City Hall in the outer courtyard.

THURSDAY, JUNE 4

Beautiful Byrne Creek, free public presentation by the Byrne Creek Streamkeepers Society, 7pm

The Byrne Creek Streamkeepers Society is planning a public presentation at the Tommy Douglas Library about the ecology of Byrne Creek and the role of streamkeepers as stewards of our local watersheds.

FRIDAY, JUNE 5

Tour of Covanta Burnaby's Energy from Waste Facility, 12pm to 1:30pm

Covanta Burnaby Renewable Energy will offer an onsite tour for members of the public of their energy from waste facility in Burnaby. This facility creates electricity by converting municipal solid waste to steam, with electricity sales offsetting the operational costs of Metro Vancouver's waste management system.

Burnaby Environmental Film Screening, Tommy Douglas Library, 6:30pm

The Green Ideas Network (www.greenideasnetwork.org) is a non-profit organization focused on environmental sustainability and education that offers public screenings of environmentally themed documentary films. This year, the Green Ideas Network will present one or more documentary films on the topic of climate change (films to be determined). The evening will be hosted by BROKE – Burnaby Residents Opposed to Kinder Morgan Expansion, who plan to organize a guest speaker on this topic area.

SATURDAY, JUNE 6

Car Trunk Sale – Environment Week Edition, Bill Copeland Sports Centre, 9am to 1pm

To encourage waste reduction and the reuse of household items, an Environment Week edition Car Trunk Sale event at Bill Copeland Sports Centre is scheduled. This popular event is free for buyers and is for used items only.

Eagle Creek Streamkeepers Community Stewardship Event (time to be determined)

The Eagle Creek Streamkeepers will host a community creek clean up event near Greystone shopping plaza in Burnaby. Participants will learn about stream stewardship, storm drain marking (weather permitting) and the ecology of Eagle Creek.

ADDITIONAL EVENT

SATURDAY, JUNE 13

Uncover Your Creeks Program: Citizen Science, Jim Lorimer Park, 9am to 12pm

Evergreen BC delivers this program at Jim Lorimer Park near Gilmore SkyTrain Station on the second Saturday of the month, throughout the year. The program encourages Burnaby residents to participate in stream stewardship and the growing movement of 'citizen scientists' who are monitoring their streams and watersheds across North America. Participants learn about ecology and watersheds and receive hands on training for managing invasive plants, planting native

plants and monitoring water quality in Chub Creek. Gloves, tools and refreshments are provided.

INVITATION ONLY EVENT

SUNDAY, JUNE 14

2015 Environment Awards Reception, Burnaby Lake Rowing Pavilion, 1:30pm to 3pm

This celebratory event at the Burnaby Lake Rowing Pavilion provides Burnaby's environmental community with an occasion to interact, acknowledge and celebrate this year's Environment Award recipients.

OTHER EVENTS

City staff are currently working with Sustainable SFU to offer an additional event or activity for Environment Week.



Meeting 2014 Apr 14

COMMITTEE REPORT

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2015 April 02

FROM: DIRECTOR ENGINEERING

FILE: 36500 01

SUBJECT: 2014 ANNUAL SOLID WASTE AND RECYCLING REPORT - A YEAR IN REVIEW

PURPOSE: To present the Committee and Council with the 2014 annual report on the City's integrated solid waste and recycling program.

RECOMMENDATION:

1. **THAT** the Committee receive the 2014 Annual Solid Waste and Recycling Report and forward it to Council for information.

REPORT

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 35,000 single and two-family households, as well as multi-family complexes and commercial / institutional / civic facilities. In addition, thousands of person hours are devoted each year to keeping streets clean through regular litter pick-up, street sweeping and bulky-item collection.

The 2014 Annual Solid Waste and Recycling Report (<http://www.burnaby.ca/City-Services/Garbage--Recycling/Education---Resources/Annual-Reports.html>) and provided under separate cover summarizes the key achievements in 2014 which include:

- Implementation of the new expanded provincial recycling program managed by Multi-Materials BC (MMBC) as of May 19, 2014;
- Implementation of a grey box for separate curbside collection of glass;
- Follow up audit of recycling and green waste materials from curbside and multi-family customers to obtain seasonal information representation with respect to material variability and contamination;
- Audit of garbage for curbside and commercial customers to determine compliance for the proposed Metro Vancouver Organics Disposal Ban;
- Construction of the City's new Still Creek Works Yard;
- Ongoing expansion of the food scraps program for multi-family complexes contributing to a 44% increase in the number of multi-family buildings participating from 2013;

To: Environment Committee
 From: Director Engineering
 Re: 2014 ANNUAL SOLID WASTE AND RECYCLING
 REPORT - A YEAR IN REVIEW

2015 April 02..... Page 2

- Expansion of the Employee "I Recycle @ Work Program" to Eileen Dailly Leisure Pool & Fitness Centre, Cameron Recreation Complex, Willingdon Centre, Bill Copeland Sports Centre, CG Brown Pool, Kensington Complex and Confederation Community Centre;
- Provision of ten each of DreamRider Theatre education plays "Zero Heroes" (waste reduction, recycling and composting) and "Clean Up Your Act" (graffiti, vandalism and litter) plays to local elementary schools;
- Working with Metro Vancouver on the business process and opportunities for waste diversion from demolition land clearing activities;
- Expanding on the education and outreach program by engaging and providing information to multi-family strata councils on waste diversion and compliance;
- Redesign of the annual solid waste and recycling curbside calendar to be more reader friendly and include information on services provided by the Engineering Department.

In 2015, the focus will be placed on:

- Expanding segregated glass collection to multi-family complexes;
- Completing implementation of Burnaby Public Schools Food Scraps collection program;
- Continuing expansion of green waste collection at Multi-family complexes;
- Providing a separate collection area for commercial recyclable materials from residential at the Eco-Centre;
- Conduct outreach to large businesses for the establishment of Green Waste programs;
- Continued expansion of the "I Recycle @ Work" Program to other civic facilities;
- Review of the City's Solid Waste and Recycling Bylaw;
- Review options for expanding public streetscape three-compartment receptacles program;
- Utilizing audit findings to target programs to reduce contamination rates in the curbside, multi-family and commercial collection streams and increase the green bin program outreach efforts.

In keeping with the position of reducing waste, only a limited number of hard copies of the 2014 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. Goss, P. Eng., MBA
 DIRECTOR ENGINEERING

DD:cp
 Attachment

Copied to: City Manager



Meeting 2015 April 14

COMMITTEE REPORT

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2015 April 07

FROM: DIRECTOR ENGINEERING
DIRECTOR PARKS, RECREATION &
CULTURAL SERVICES

FILE: 4230 09

SUBJECT: GRAND OPENING OF STILL CREEK WORKS YARD

PURPOSE: To obtain approval for the Engineering and Parks Departments to host a Grand Opening of the Still Creek Works Yard on 2015 May 23.

RECOMMENDATION:

1. **THAT** the Committee recommend Council to authorize staff to host the Grand Opening of the new Still Creek Works Yard for the general public on Saturday, May 23 from 10:30 am to 2:30 pm.

REPORT

The construction of the new Still Creek Works Yard and the Still Creek east-west connector road are now complete. The Works Yard accommodates the Engineering Department's Solid Waste and Recycling Operations, Sign Shop, Traffic Bylaw Enforcement and various Parks Department's operations. The Grand Opening would celebrate these projects in addition to the recently opened Eco-Centre facility. Subject to the Committee and Council's approval, the proposed Grand Opening would be celebrated on:

Date: Saturday, 2015 May 23.
Time: 10:30 am – 2:30 pm (Official Opening Ceremonies at 11:30 am)
Location: Still Creek Works Yard, 4840 Still Creek Avenue, Burnaby

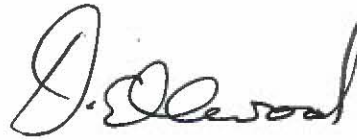
The Grand Opening is slated to be held during National Public Works week, appropriately as these facilities are a critical component of the City's integrated solid waste and recycling service and provide the opportunity for residents and businesses to achieve our regional target of diverting 70% of waste by 2015.

To: City Manager
From: Director Engineering, Director Parks, Recreation &
Cultural Services
Re: Grand Opening Still Creek Works Yard
2015 April 07Page 2

The event will include live entertainment, refreshments as well as guided tours of the facility and the Eco-Centre to see its unique features. Information regarding this event will be advertised in the local newspapers, Info Burnaby, the City's Website and at major civic facilities. The cost of the Grand Opening is provided within the Engineering and Parks Operating Budgets.



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



Dave Ellenwood
DIRECTOR PARKS, RECREATION &
CULTURAL SERVICES

DD:cp

Copied to: Deputy City Managers
Director Planning and Building
Director Finance
Chief Librarian
Superintendent RCMP