



ENVIRONMENT COMMITTEE

NOTICE OF OPEN MEETING

DATE: TUESDAY, 2017 JANUARY 17

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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3. <u>DELEGATION</u>	
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Re: 2017 Environment Week Program

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7. **INQUIRIES**

8. **ADJOURNMENT**



ENVIRONMENT COMMITTEE

MINUTES

An Open meeting of the Environment Committee was held in the Cafeteria, City Hall, 4949 Canada Way, Burnaby, B.C. on Tuesday, **2016 November 08** at 6:00 p.m.

1. CALL TO ORDER

PRESENT: Councillor Anne Kang, Chair
Councillor Sav Dhaliwal, Vice Chair
Councillor Pietro Calendino, Member
Mr. Bill Brassington Jr., Citizen Representative (*arrived at 5:36 p.m.*)
Ms. Peggy Hua, Citizen Representative

ABSENT: Mr. Peter Cech, Citizen Representative
Mr. Frank Zhao, Citizen Representative

STAFF: Mr. Dipak Dattani, Deputy Director Engineering
Ms. Lee-Ann Garnett, Assistant Director Long Range Planning
Ms. Gisele Caron, Purchasing Manager
Mr. Mark Sloat, Planner 1
Ms. Melinda Yong, Environmental Technician, Parks Design
Ms. Blanka Zeinabova, Administrative Officer
Ms. Nikolina Vracar, Administrative Officer

The Chair called the Open meeting to order at 5:35 p.m.

2. MINUTES

a) **Open meeting of the Environment Committee
held on 2016 September 13**

MOVED BY COUNCILLOR CALENDINO
SECONDED BY COUNCILLOR DHALI WAL

THAT the minutes of the Open meeting of the Environment Committee held on 2016 September 13 be adopted.

CARRIED UNANIMOUSLY

3. CORRESPONDENCE

MOVED BY COUNCILLOR CALENDINO
SECONDED BY COUNCILLOR DHALIWAL

THAT the correspondence be received.

CARRIED UNANIMOUSLY

Mr. Brassington Jr. arrived at the meeting at 5:36 p.m.

a) Correspondence from Kate Gordanier-Smith
Re: AVICC Motion to Oppose Old-Growth Logging

Correspondence was received from Ms. Kate Gordanier-Smith regarding a motion passed at the Association of Vancouver Island and Coastal Communities (AVICC) that old-growth forest on Provincial Crown Land on Vancouver Island be protected from logging. Ms. Gordanier-Smith urged the City to support this proposal and make sure it's accepted to be voted on by the UBCM.

b) Correspondence from Canadian Wildlife Service,
Environment and Climate Change Canada
Re: Input on the Government of Canada's Draft Policies on
the Implementation of the Species at Risk Act

Correspondence was received from Mr. Randal Lake, Unit Head, Conservation Planning, Canadian Wildlife Service, Pacific Region, Environment and Climate Change Canada, seeking input on the Government of Canada's draft policies on the implementation of the *Species at Risk Act*. It was noted that on 2016 September 19, the Government of Canada posted seven draft policies on the Species at Risk Public Registry, which support the predictable, clear and consistent implementation of the Act.

c) Correspondence from Metro Vancouver
Re: Request for Assistance with Promoting RateOurHome.ca
Campaign

Correspondence was received from Mr. Greg Moore, Chair, Metro Vancouver Board, together with a report 'Update on Sustainability Innovation Fund Project – Home Energy Labelling Pilot Project', requesting assistance with promoting RateOurHome.ca Campaign. It was noted that Metro Vancouver has established goals to reduce greenhouse gas (GHG) emissions by 33% by 2020 and 80% by 2050 from 2007 levels. Approximately one-third of the GHG emissions in the region are from buildings, and of that, single-family homes are responsible for about 40%.

Arising from discussion, the following motion was introduced:

MOVED BY COUNCILLOR DHALIWAL
SECONDED BY COUNCILLOR CALENDINO

THAT this item of correspondence be **REFERRED** to staff for report.

CARRIED UNANIMOUSLY

d) **Correspondence from Metro Vancouver**
Re: Metro Vancouver 2015 Construction and Demolition
Waste Composition Monitoring Program

Copy of correspondence and report addressed to Honourable Mary Polak, Minister of Environment, was received from Greg Moore, Chair, Metro Vancouver Board, providing information on Metro Vancouver 2015 Construction and Demolition Waste Composition Monitoring Program.

Arising from discussion, the following motion was introduced:

MOVED BY COUNCILLOR DHALIWAL
SECONDED BY COUNCILLOR CALENDINO

THAT this item of correspondence be **REFERRED** to staff for report.

CARRIED UNANIMOUSLY

e) **Memorandum from the City Clerk**
Re: Final Environmental Sustainability Strategy (ESS) and
Final Community Energy and Emissions Plan (CEEP)

Memorandum was received from the City Clerk advising that Council, at its Open meeting held on 2016 November 07, received and adopted the above noted report regarding the Final Burnaby Environmental Sustainability Strategy (ESS) and Final Community Energy and Emission Plan (CEEP).

4. **REPORTS**

MOVED BY COUNCILLOR DHALIWAL
SECONDED BY MS. HUA

THAT the reports be received.

CARRIED UNANIMOUSLY

a) **Report from the Director Parks, Recreation and Cultural Services**
Re: Update on the Burnaby Invasive Species Management in Parks

The Director Parks, Recreation and Cultural Services submitted a report providing the results of the Invasive Plant Management work plan in Burnaby parks for 2015.

The Director Parks, Recreation and Cultural Services recommended:

1. THAT a copy of this report be sent to City Council and the Parks, Recreation and Culture Commission for information.

MOVED BY COUNCILLOR DHALIWAL
SECONDED BY COUNCILLOR CALENDINO

THAT the recommendation of the Director Parks, Recreation and Cultural Services be adopted.

CARRIED UNANIMOUSLY

b) **Report from the Director Planning and Building**
Re: 2017 Environmental Awards Program

The Director Planning and Building submitted a report seeking approval for the 2017 Environmental Awards Program Terms of Reference, call for nominations and an expenditure for promotion and advertising.

The Director Planning and Building recommended:

1. THAT Council approve the proposed Terms of Reference and call for nominations for the 2017 Environmental Awards Program.
2. THAT Council approve an expenditure of \$2,500 from the Boards, Committees and Commissions' operating budget for promoting and advertising the Environmental Awards Program call for nominations.

MOVED BY MR. BRASSINGTON JR.
SECONDED BY COUNCILLOR CALENDINO

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

CARRIED UNANIMOUSLY

Staff provided a summary of the report and an update on changes in the nomination process, criteria and categories.

The Committee inquired if the advertisement can be done for all awards at once, as well as a reminder about other upcoming awards/events on the individual advertisements.

Staff undertook to investigate.

The Committee suggested staff contact the community school coordinators to promote this program.

5. **NEW BUSINESS**

There was no new business brought before the Committee at this time.

6. **INQUIRIES**

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

7. **ADJOURNMENT**

MOVED BY COUNCILLOR CALENDINO
SECONDED BY MR. BRASSINGTON JR.

THAT this Open Committee meeting do now adjourn.

CARRIED UNANIMOUSLY

The Committee meeting adjourned at 5:51 p.m.

Blanka Zeinabova
ADMINISTRATIVE OFFICER

Councillor Anne Kang
CHAIR



SECTION 2 COUNCIL CORRESPONDENCE (2016.12.08)

Director Finance

Environment Committee (Jan. 17)

Morag Keegan-Henry

7275 14th Ave

Burnaby, BC V3N 1Z5

Morag@forceofnaturealliance.ca

Mayor Corrigan and Council,
Office of the City Clerk
Burnaby City Hall
4949 Canada Way
Burnaby, BC, V5G 1M2

December 1, 2016

Dear Mayor Corrigan and Council,

My name is Morag Keegan-Henry, and I am a community organizer with Force of Nature, a local environmental group which is working to promote the use of renewable energy in Burnaby. I would like to appear as the designated speaker for a delegation to Burnaby's City Council on December 12th, 2016 in regards to improved policies around solar energy.

Our organization is asking the Mayor and Council to consider the creation of an expedited permitting process for small solar energy projects, which would benefit homeowners and stimulate market uptake of solar technology in Burnaby. This expedited permitting process has already been adopted by other Canadian municipalities, including Toronto, Calgary, and, more locally, Colwood. We are also asking the Mayor and Council to consider the adoption of the NRCAN Solar Ready guidelines, which would require new buildings to be built so that they can easily be outfitted with solar energy installations later. Edmonton, Port Coquitlam, New Westminster, and North Vancouver have all adopted variants of this legislation, and it would be a strong addition to Burnaby's existing leadership around environmental planning. Finally, we would like the City of Burnaby to apply to become the 6th Canadian Solar City.



3.a)

We have been engaged in community organizing in Burnaby since 2014 and have heard from many residents that taking the lead on solar energy, by implementing policies such as those suggested above, matters greatly to them. We would like to deliver our petition, present a detailed overview of the policies that we are suggesting, and discuss examples of previous implementation by other BC municipalities.

I will be emailing detailed reference information for your review prior to our presentation. Thank you for considering our application, and I look forward to hearing from you at your convenience.

Respectfully,

Morag Keegan-Henry
Field Organizer
Force of Nature



Office of the City Clerk

D. Back, City Clerk
K. O'Connell, Deputy City Clerk**INTER-OFFICE MEMORANDUM**

TO: CHAIR AND MEMBERS DATE: 2016 NOVEMBER 22
ENVIRONMENT COMMITTEE

FROM: CITY CLERK FILE: 2410-20

SUBJECT: REVIEW OF THE FEDERAL ENVIRONMENTAL ASSESSMENT
PROCESS
(ITEM NO. 7(1), MANAGER'S REPORTS, COUNCIL 2016 NOVEMBER 21)

Burnaby City Council, at the Open Council meeting held on 2016 November 21, received the above noted report and adopted the following recommendations contained therein:

1. **THAT** Council endorse the comments and recommendations as outlined in this report.
2. **THAT** a copy of this report be forwarded to:
 - a) Chair, Federal Environmental Assessment Process Expert Panel;
 - b) Burnaby MP's and
 - c) the Environment Committee.

A copy of the report is enclosed for your information.

A handwritten signature in cursive script, appearing to read "Dennis Back".

Dennis Back
City Clerk

DB:lc

Copied to: City Solicitor



Item
Meeting 2016 November 21

COUNCIL REPORT

TO: CITY MANAGER **DATE:** 2016 November 15

FROM: DIRECTOR ENGINEERING **FILE:** 33000 00
DIRECTOR PLANNING AND BUILDING

SUBJECT: REVIEW OF THE FEDERAL ENVIRONMENTAL ASSESSMENT PROCESS

PURPOSE: To provide comments on the Federal Environmental Assessment Process for Council's consideration and endorsement for submission to the Federal Environmental Assessment Process Expert Panel.

RECOMMENDATIONS:

1. **THAT** Council endorse the comments and recommendations as outlined in this report.
2. **THAT** a copy of this report be forwarded to:
 - a) Chair, Federal Environmental Assessment Process Expert Panel;
 - b) Burnaby MP's and
 - c) the Environment Committee.

REPORT**1.0 INTRODUCTION**

The Minister of Environment and Climate Change (the "Minister") has established an Expert Panel to review Canada's environmental assessment processes to regain public trust and to:

- restore robust oversight and thorough environmental assessments of areas under federal jurisdiction, while working with provinces and territories to avoid duplication;
- ensure decisions are based on science, facts and evidence and serve the public's interest;
- provide ways for Canadians to express their views and opportunities for experts to meaningfully participate; and
- require project advocates to choose the best technologies available to reduce environmental impacts.

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 From: Director Engineering
 Director Planning and Building
 Re: Review of Federal Environmental Assessment
 Process

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As a part of the public engagement process, the Expert Panel comprising of Ms. Johanne Gelinas, Panel Chair and Mr. Doug Horswill, Mr. Rod Northey and Ms. Renee Pelletier as members have been holding meetings across Canada. For Council's information, the Panel will be present in Vancouver on December 12 and 13, 2016 to receive public presentations and hold public workshop. Comments from the public are also accepted on-line. The Expert Panel will provide its recommendations to the federal Minister of Environment and Climate Change in early 2017.

The purpose of this report is to provide comments on the Federal Environmental Assessment Process for Council's consideration and endorsement for submission to the Expert Panel.

2.0 COMMENTS ON THE FEDERAL ENVIRONMENTAL ASSESSMENT PROCESS

The City supports the goals set out by the Minister to strengthen and improve the federal environmental assessment process, and ensure that those goals are meaningfully incorporated into any legislative amendments.

The current *Canadian Environmental Assessment Act* and related environmental review process has weakened environmental protection as it only includes "designated" projects for review, narrowly defines "environmental effects", and mandates arbitrary time limits for completion of the environmental assessments of highly complex projects.

2.1 Pipeline Projects

The City's comments on the federal environmental review focuses largely on the regulation of pipeline projects and the need to submit these projects to rigorous science-based environmental review processes that serve the public interest, as opposed to the interest of pipeline companies. In the City's experience, the federal regulation of pipeline projects is one of the areas that has most starkly illustrated the shortcomings of the current environmental assessment process, and undermined the public's confidence in the federal environmental assessment process. Major pipeline projects are proving to be an extremely controversial issue in Canada, and the current lack of oversight has been a focus of that debate, and featured heavily in the recent review of the Trans Mountain Expansion Project with many intervenors criticizing the National Energy Board (NEB) regulatory review process as merely a rubber stamp for industry, as opposed to a stringent and fair review process.

Pipeline projects cannot remain solely within the jurisdiction of the NEB to review, and must be assessed by a panel with environmental expertise in issues that concern the Canadian public interest, including local and municipal issues.

Any amendment to the environmental assessment processes must take the control out of the hands of the proponents, who are innately self-interested and driven by profit, and ensure that projects are proposed and developed in a manner that serves the interests of all Canadians, and

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reduces environmental impacts and risks to the public to the greatest extent possible. To this end, the City encourages the federal government to take a strong stance on the direction of the energy industry in Canada, and insist on robust environmental assessment oversight of proposed pipeline projects, prior to any consideration for approval.

2.1.1 Background

The vesting of sole responsibility in the NEB for reviewing pipeline projects was the result of legislative amendments in 2012 – that made significant changes to the *National Energy Board Act* (the “NEB Act”) and repealed the previous *Canadian Environmental Assessment Act*, and replaced it with the *Canadian Environmental Assessment Act*, 2012 (the “2012 Amendments”). The 2012 Amendments were an attempt by the old federal government to streamline the approval process for pipelines. This streamlining has resulted in a focus on getting resources to market as quickly as possible, with as little process as possible, as opposed to ensuring that the impacts and risks of projects to the public and the environment, do not outweigh the benefits; and that projects are designed in a manner that minimizes impacts and risks to the greatest extent possible.

The 2012 Amendments significantly changed the process for reviewing and approving proposed interprovincial pipeline projects, and resulted in the removal of joint reviews undertaken by the NEB and the Canadian Environmental Assessment Agency (“CEAA”). As a result of these amendments, the NEB has been left to consider whether pipeline projects are in the public interest of Canadians, without the necessary expertise to consider the broad public and environmental interests at stake.

The removal of the review of pipeline projects from CEAA also had a number of incidental effects in that the review of pipeline projects were then subject to the strict timelines under the NEB Act, the stringent requirements for public participation in the hearing under the NEB Act and the complete discretion of the NEB as to what constitutes a public hearing.

2.1.2 Expertise of the Review Panel

The review of the environmental assessment processes must ensure that pipeline projects and other major federal projects are subject to review by a panel that has expertise in environmental issues and issues of concern to the Canadian public, and that these issues are given proper priority in the assessment. It is highly inadequate that a NEB panel be tasked with considering the broad and multi-faceted public interest that is at stake in reviewing major pipeline projects. The NEB has expertise in the energy sector. That is only one aspect of the public interest at issue when reviewing these types of major projects.

The City’s experience with the Trans Mountain Expansion Project NEB hearings illustrated the problem with having a panel appointed solely from NEB members. The NEB panel showed a lack of concern for Burnaby’s municipal interests (which was particularly stark in their willingness to override Burnaby’s concerns with drilling in the Burnaby Mountain Conservation

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Area, and in their inflexibility in considering routes that did not accord with Trans Mountain's preferences). The result in the NEB hearings for the Trans Mountain Expansion Project was that economic concerns, and proponent preferences, were prioritized over the potential harm to the environment and risks to the public. The potential catastrophic human and environmental consequences with respect to accidents and malfunctions associated with the Project were dismissed without proper review or consideration, due to the apparent economic "need" for the Project.

The magnitude of the public interest at stake in relation to pipeline projects – which directly bisect many municipalities, and create considerable environmental and human risk – is immense. The desire to push interprovincial pipeline projects through a review process as quickly as possible cannot be allowed to undermine the rigour of the review. The environmental assessment legislation must provide for the appointment of a panel with both expertise in the energy sector and broader issues relevant to the public interest, including environmental issues, local community issues and aboriginal issues.

Prior to the 2012 Amendments, the norm on a major pipeline project was appointment of a joint review panel, with a dual concern for mandates under the *National Energy Board Act* and the *Canadian Environmental Assessment Act*, and with independent members being appointed with environmental expertise. A return to a more diverse, more public focused joint review panel should be included in the legislative review, with credible composition, and with a limited role for the NEB that is confined to its area of expertise.

However, even prior to the 2012 Amendments, joint panels often did not include a member that had expertise in dealing with matters of local concern, such as municipal bylaw conflicts, the provision of municipal services and municipal costs. For projects with substantial impacts on major metropolitan areas, a member should be appointed with municipal government expertise.

The City recommends amending the *Canadian Environmental Assessment Act* so that there be a provision in the legislation that is triggered when a major project, including pipeline projects, is proposed for the appointment of an independent joint review panel to hold a public hearing on the project, with expertise in environmental issues, local issues and aboriginal issues. The NEB's role in the joint review should be limited to dealing with technical energy issues under the NEB Act, not with environmental issues, local issues or matters that concern the public interest, which should properly fall under the environmental assessment legislation.

2.1.3 Scope of Factors to be Considered

Evaluating the "need" for any major pipeline or federal project, should presumably evaluate that need against a wide range of social and environmental criteria to determine whether it is in the "public interest". The environmental assessment legislation must facilitate and mandate the consideration of the broad interests at stake for major projects, including the consideration of environmental and socio-economic effects of upstream activities and of all downstream uses, including greenhouse gas emissions and the effects on climate change.

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The NEB Act is currently very discretionary in relation to what the NEB must consider in relation to the issuance of certificates of public convenience and necessity for pipeline projects. In fact, the NEB Act does not set out any factors that the NEB “must” consider. The NEB Act only sets out factors in s. 52(2) of the NEB Act that the NEB “may” consider including “any public interest that in the Board’s opinion may be affected by the issuance of the certificate or the dismissal of the application”. The “public interest” is not defined in the NEB Act. The *Canadian Environmental Assessment Act* is also limited in the factors that must be taken into account, and the lists of factors in s. 19(1) do not explicitly include matters of local concern, or broader considerations of cumulative effects, sustainability or climate change.

The City’s experience with the Trans Mountain Expansion Project is that the highly discretionary provisions in the NEB Act, and the factors within the *Canadian Environmental Assessment Act*, do not provide enough guidance on the factors that a panel must consider in its review of projects. The NEB under the current legislation has complete discretion into what factors that it considers relevant to the public interest, which resulted in the review of the Trans Mountain Expansion Project in an over emphasis on the economic benefits of pipeline projects, at the expense of environmental concerns and community risks. Further, the NEB unilaterally set the scope of the factors for the environmental assessment for the Trans Mountain Expansion Project and the list of issues to be considered in the review under the NEB Act for the Trans Mountain Expansion Project, without consulting the public or any of the intervenors in the hearing. There needs to be greater input from affected parties and regulation of the scope of factors that are to be considered in the review of major projects. It cannot be left to the discretion of the panel, as to what factors are to be considered, and the scope of those factors, in project reviews.

Any amendments to the environmental assessment legislation should include a more comprehensive list of factors that must be taken into account in the review of major projects, including the following:

- *Need for the project* – the “need for the project” should not just take into account economic considerations, or proponent commitments, but also consider the local, regional, and national interests, and alternative projects.
- *Alternative projects* – if there is determined to be a need for a project, the legislation must facilitate consideration of alternative projects that would satisfy the same need, and what project best serves the needs of the Canadian public, and has the least environmental impacts and risks.
- *Alternative means of carrying out the project* – there must be a more stringent requirement for proponents to endeavor to propose the means of carrying out a project with the least environmental effects and the least risk to the public. This should include the proposal of alternate routes for a project and alternate locations for a project.

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- *Public interest* – the public interest to be considered should be defined and broadly set out the considerations that must be considered before a project can be determined to be in the public interest. Those considerations should expressly include impacts to local and municipal interests.
- *Municipal interests* – even though major federal projects are interprovincial, the majority of the impacts are usually concentrated at the local level. The express consideration of impacts to municipal interests, such as infrastructure conflicts, bylaw conflicts, provision of municipal services, and costs to municipalities should be incorporated into the factors to be considered in the review of major projects.
- *Sustainability* – Clear principles, goals and criteria of sustainability need to underpin the process from the start, considering environmental, social and economic sustainability. The process needs to shift from an “approval process” that simply mitigates impacts to one that truly serves the best interests of the public and the environment.
- *Science based* – Review processes and decisions should be well supported by science. The triggers for environmental assessment should be determined based on their potential to have significant effects on ecosystems and species. Criteria and thresholds need to be defined accordingly. Furthermore, the range of environmental effects subject to consideration also needs to be well supported by science, and not arbitrarily limited.
- *Environmental effects* - the consideration of “environmental effects” should include effects to all aspects of the environment: land, water, air, all living organisms, and interacting natural systems.
- *Climate change* – Climate change is recognized as possibly the world’s most pressing and critical environmental (as well as socio-economic) issue and should be a key component of environmental assessment. Greenhouse gas emission effects, including upstream and downstream emissions must be estimated and considered as factors in review and approval. The failure to mandate the consideration of climate change in modern day Canada is unacceptable – particularly given the recent commitments at the United Nations Conference on Climate Change to reduce global temperature rise to 1° C.¹

¹ United Nations Framework Convention on Climate Change, Adoption of the Paris Agreement - FCCC/CP/2015/L.9/Rev.1 (12 December 2015) online: <http://unfccc.int/resource/docs/2015/cop21/eng/l09r01.pdf>

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The federal government's platform specifically addressed this issue, noting that "we will also ensure that environmental assessments include an analysis of upstream impacts and greenhouse gas emissions resulting from projects under review."²

- *Cumulative effects* – the environmental effects of a particular project should also be considered in light of the effects of other past, present and future activities and impacts.

2.1.4 Public Participation and Hearings

The City's experience with the NEB hearing for the Trans Mountain Expansion Project is that the current test for participation of the public in an NEB hearing under the NEB Act is overly restrictive and prevents a great number of members of the public from being able to have their voices heard in relation to projects that will impact their communities.

The current test under the NEB Act for allowing people to participate in a hearing is set out in s. 55.2 of the NEB Act. Section 55.2 provides that people may participate in a hearing or make submissions only when they; 1) are directly affected by the granting or refusing of the application or, 2) have relevant information or expertise. Anyone who wants to make a submission regarding an application must first establish, to the satisfaction of the NEB, that they fit within either (1) or (2). The NEB's decision on who may participate is conclusive.

The current test for participation under the NEB Act came in with the 2012 amendments to the NEB Act. Prior to those amendments, participation in major pipeline reviews was much broader and allowed anyone who was interested to make submissions to the panel. A return to a broader test for participation is needed to ensure that the voices of all the citizens are heard in relation to major pipeline and other major federal projects. Hearing from a very restricted segment of the population in relation to projects that will have wide reaching effects has the potential to produce a skewed result and does not enable the panel to determine whether the project is in the broader public interest.

There are no procedural requirements in the legislation for public hearings. Thus, what constitutes a public hearing can vary from project to project. In the City's experience with the Trans Mountain Expansion Project, this meant that for major projects with a lot of participants, the NEB could provide for a simplified, and inevitably less rigorous, review process in order to review the Project within the legislated timeline. This resulted in an unjustifiable situation where for the tolling hearing for the Trans Mountain Expansion Project there was cross-examination of the evidence, but for the main hearing on whether the Project was in the public interest there was no cross-examination of the evidence.

There needs to be guidance in the environmental assessment legislation for the steps that must be taken for a "public hearing" for a project.

² Kyle Bakx, NEB changes stance, may consider GHGs in pipeline proposals, CBCnews (14 November 2015) online: <http://www.cbc.ca/news/business/neb-climate-change-pipelines-1.3318104>

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Those steps must include the full participation of the public and proper testing of evidence through cross-examination. The legislated timeline for the review of projects should be abolished so that the process for reviewing a project reflects the size of the project, the public concern with the project and the potential risks and impacts of the project. Allowing the timeline for the review process to be tailored to the project, will allow complex projects to be scrutinized through full community consultation and full public hearings. It will also allow the time for participation by every interested member of the public in the hearing process.

Given that a panel should be tasked with determining whether a project is in the public interest of Canada, any Canadian resident must have the ability to comment on the project in a fair and rigorous review process. Only then will the review panel have the ability to analyze the public interest of all Canadians – not just a select few.

3.0 CONCLUSION

The current *Canadian Environmental Assessment Act* and related environmental review process has weakened environmental protection and as such, the City supports the goals set out by the Minister to strengthen and improve the federal environmental assessment process, and ensure that those goals are meaningfully incorporated into any legislative amendments. In the City's experience, the federal regulation of pipeline projects is one of the areas that has most starkly illustrated the shortcomings of the current environmental assessment process, and undermined the public's confidence in the federal environmental assessment process. It is the City's hope that the comments and recommendations made in this report are considered seriously by the Expert Panel and recommended for amendment to the CEAA.


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


 Lou Pelletier
 DIRECTOR PLANNING AND BUILDING

Copied to: City Solicitor

January 3, 2017
New Norway, Alberta

SECTION 2 COUNCIL CORRESPONDENCE (2017.01.06)
Environment Committee (2017.01.17)

Mayor and Council
c/o Office of the City Clerk
4949 Canada Way
Burnaby, BC V5G 1M2

Dear Mayor and Council:

As a concerned Canadian I am sending this document for your consideration when you make decisions with regards to the possible flow of fossil fuels to and through the port at Burnaby to international markets. Thank you for any consideration that you may afford this submission.

The Gift of Fossil Fuels

How reliant is our modern civilization on fossil fuels? Well, this is how reliant we are on fossil fuels: if all the things that rely on fossil fuels, as a necessary element for their existence; if all these things were taken from us, we would all be left homeless, penniless, naked and starving. We would have nothing. Let us use water as an example. The instant we turn on the water tap in our home to draw a glass of water to drink, we have relied on fossil fuels in countless ways. The entire water distribution system utilized fossil fuels from being simple raw materials, to manufactured components, to the transportation and installation of these components. Now tie this distribution system into our home plumbing system which also has relied on fossil fuels for being there. Now fill this distribution system with potable water, which will have its own story of reliance on fossil fuels. Next consider the glass in our hand. It as well has its own story of reliance on fossil fuels for its existence. Now expand that further to the food we eat, the clothes we wear, every single item in our home plus our home itself, all having their own stories of reliance on fossil fuels. Are you beginning to comprehend just how intertwined fossil fuels are in providing for us and for sustaining us?

What are the major causes of the ever increasing demand for sources of energy and for energy consumption? Increasing global population; the associated urban sprawl this population increase creates; the need develop, service and supply these areas of urban sprawl, the quest for economic growth and our decadent nature are the major factors in increasing energy consumption of all forms and the associated negative impacts this energy consumption causes. With our decadent nature and short-sightedness we have squandered a large portion of the global fossil fuel reserve and we continue to do so.

I wonder how some people envision fueling sectors such as: mining, forestry, agriculture, fishing, aviation, shipping, transportation's (various sectors), construction's (various sectors) and manufacturing sector as examples. I have serious doubts that any advancement in developments, in what is not termed "Green" or "Renewable" energy, will be able to keep up with increasing demands for all sources of energy let alone reduce our reliance on fossil fuels. For instance, how much arable land can be designated for and devoted to crops dedicated for production of Bio-fuels? Capturing Hydrogen in large quantities to replace fossil fuels is still far from being proven as an alternative. The increasing global population may mean that our reliance on fossil fuel will never diminish. The only real answer to decreasing our use of and continued reliance on fossil fuels, and other sources of energy, is for a massive reduction in the global population to occur or barring that the next best solution would be a massive mindset change on our part regarding how we utilize energy. In my view, the way to reduce our reliance on fossil fuels is not to use an all in-composing penalizing carbon tax on fossil fuels but the focus

should be on curbing the non-essential use of fossil fuels. This would have been the ideal time for the Government of Alberta to place the carbon tax, not at the source of all carbon fuel consumption (which includes both essential and non-essential use of fossil fuels) but on non-essential services and products similar to a Sales Tax. This would place a portion of the penalizing tax on the imported non-essential element that would normally be beyond our control.

We need to settle for less extravagant, simpler lifestyle where we are satisfied with having our needs met rather than our wants. The fact of the matter is that, en masse, densely populated areas, including the lower mainland of British Columbia, have been, are and will continue to be the source of the major threat to the ecology and global environment simply because of their existence. In spite of the aforementioned examples of how reliant, on fossil fuels, we have been in the past, currently are and will be in the future, some take the position that to protect the environment and ecosystem in their area, the flow of fossil fuel to global markets through their area will be blocked, regardless however minute this risk may be. We and our stuff are causing a massive and unnecessary consumption of fossil fuel resources. The majority of us in Canada are a rather pampered and decadent society. We have nice homes that are filled with stuff. We have garages and storage sheds filled with stuff. We stand in lines waiting to purchase the latest in electronic devices, other consumer electronics and other stuff, non-essential stuff. We take luxury vacations, cruises and travel to and fro without much concern with how much fossil fuel is required for us to do so. Cargo ship after cargo ship enters port loaded with containers filled with, mainly unnecessary stuff. Then train load after train load; truck load after truck load disperse a lot of unnecessary stuff throughout the country. I will say it again; it is on this non-essential element of energy consumption in our society where penalizing taxes should be applied.

Why are activists not blockading the dock where massive cargo ships unload container after container filled with stuff? Why are they not blockading the trainloads filled with these containers of stuff heading from port to inland destinations? Why are protectors not picketing airports or cruise lines or travel agencies? I am at a loss to explain how some can vow to block the flow of fossil fuels to markets through their areas yet still expect to reap the benefit that fossil fuels affords them. In my view this stance is riddled with hypocrisy. It appears that some never consider or realize that they themselves are a major part of the problems caused by our use of fossil fuels.

I, for one am so thankful and grateful for this gift, this life-blood that fossil fuels have been, is and will be to us and our civilization. We, of course, all need to be good stewards concerning our use of this life sustaining gift that fossil fuels are and we should always be searching for ways to reduce our reliance upon them. Responsible use of fossil fuels also means we need responsible distribution of them for the benefit of all and the obvious place for this distribution to take place to international markets is through the same ports where the international trade, which is fueled by fossil fuels, enters.

As author of this document, I reserve the right to share it and its content with whomever I deem necessary and /or appropriate and I extend this same right to any named or unnamed recipients.

Sincerely,



Joel Schiele
Box 141
New Norway, AB
T0B 3L0

C.c. to Unnamed Recipients.

ClerksSECTION 2 COUNCIL CORRESPONDENCE (2017.01.06)
Environment Committee (2017.01.17)

From: Wong, Elaine
Sent: January-04-17 8:48 AM
To: Clerks
Subject: Fwd: Demand accountability

From: Alan James <alan_james@handshake.ca>
Date: January 3, 2017 at 9:15:55 PM PST
To: <mayor@burnaby.ca>
Subject: Demand accountability

Mayor Corrigan and Council members.

Please consider following up on this suggestion to make fossil fuel companies pay for adaptation costs of climate change.

<http://www.climatelawinourhands.org/demand-accountability>

Regards,
 ...Alan
 --

Alan C. James
 720 Hamilton Street, Unit 201
 New Westminster BC V3M 7A6
 Tel: 604.553.6771
 Cell: 604.704.2522
 Member VEVA



British Columbia

CLIMATE LAW IN OUR
HANDS BC
(/CLIMATELAWINOURHANDSBC/)

DEMAND
ACCOUNTABILITY
(/DEMAND-
ACCOUNTABILITY/)

RESOURCES ON
CLIMATE IMPACTS
(/RESOURCES-ON-
CLIMATE-IMPACTS/)

BC CLASS ACTION
(/BCCLASSACTION/)

When communities harmed by climate change exercise their right to demand that the global fossil fuel industry pay its fair share, fossil fuel companies will no longer be able to profit from continuing to destroy our atmosphere while lobbying against climate action and spreading climate science misinformation.

Demand Accountability

The first step in demanding accountability from the fossil fuel industry is to actually demand it. Until now, few climate-impacted communities have actually taken the step of asking the Chevrans and Exxons of the world to take responsibility. When companies have been notified

that they will be asked to take responsibility for their emissions, and especially their fair share of climate costs, this becomes a risk that they arguably should be disclosing to their shareholders.

It takes little time or financial input to write a letter putting the world's fossil fuel companies on notice that they will be expected take responsibility for their fair share of the climate costs that your community incurs. Such a "demand letter" can take many forms:

- Ideally it should be sent by a local government or other official agency – but it can even be sent by community groups or individuals.
- It may (or may not) outline specific climate costs that you would like the company to pay compensation for.
- It should draw on the work of Richard Heede, who has identified 90 entities (primarily fossil fuel companies) that, through their own emissions and emissions from their products, are collectively responsible for almost 2/3 of man-made greenhouse gases. Mr. Heede is able to assign percentage to particular companies (for example, Chevron's contribution is 3.25%). Learn more at the Climate Accountability Institute website (<http://www.climateaccountability.org/>) or in Mr. Heede's peer reviewed paper (<http://link.springer.com/article/10.1007/s10584-013-0986-y>), published in Climatic Change (and updates (http://www.climateaccountability.org/carbon_majors_update.html)).
- It can ask the company to take responsibility in other ways – by telling your community how it intends to transition into a clean energy company.
- It can suggest possible consequences (legal, economic or political) if the company fails to take action, or can choose to simply be an open invitation to take responsibility.
- We would appreciate being cc'd as we would like to keep a record of demand letters sent.

Click here (/s/Notice-letter_PrePlanning.pdf) for a sample letter demanding that a fossil fuel company pay its fair share of a local government's future adaptation costs. Check back as we plan to post further sample letters and resources on writing such letters.

**SEE A SAMPLE LETTER (/S/NOTICE-
LETTER_PREPLANNING.PDF)**

[Name and address of Company]

Attn. [Name], CEO of [Company]

Dear Sirs/Mesdames:

Re: Climate Adaptation in [Community] – Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of [Community], we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced [your company] are responsible for fully [Percentage based on carbonmajors.org figure]% of historic greenhouse gas emissions.¹ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.²

Since then, however, your company has continued marketing your harmful products [and has worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.³ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited to the tune of many billions of dollars from products that use our global atmosphere as a garbage dump, at the expense of our communities.

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global

¹ Heede, R. “Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010” *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html, last accessed 23 September 2016.

² <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

³ <http://www.ucsusa.org/sites/default/files/attach/2016/03/background-er-fossil-fuel-industry-climate-science-deception.pdf>, last accessed 23 September 2016; <http://www.fossilfreemit.org/wp-content/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf>, last accessed 23 September 2016.

atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. [percentage]% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that [percentage]% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

Even if fossil fuel companies like yours do pay your respective shares (either voluntarily or through legal recourse), our community will still bear the costs of climate change – for example, costs that cannot be recovered from now defunct companies or loss and damage that are not prevented through adaptation. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that you will do your part as well.

Sincerely,

Mayor of [Community]



Meeting 2017 Jan 17

COMMITTEE REPORT

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2017 January 6

FROM: DIRECTOR PLANNING AND BUILDING

FILE: 39000 01
Reference: Energy Conservation

SUBJECT: METRO VANCOUVER'S RATEOURHOME.CA CAMPAIGN

PURPOSE: To provide information about Metro Vancouver's RateOurHome.ca campaign, as requested by the Environment Committee.

RECOMMENDATION:

1. **THAT** the Environment Committee receive this report for information.

REPORT

At its meeting on 2016 November 8 the Environment Committee requested a report to summarize the Metro Vancouver RateOurHome.ca Campaign. This report responds to that request.

1.0 BACKGROUND

As noted in the Metro Vancouver Climate Action Committee report dated 2016 July 6, provided to the Environment Committee on the 2016 November 8 agenda, the RateOurHome.ca campaign began as a pilot project in 2015 to promote energy labeling as a means to help raise awareness of the energy performance of a building. Results of the pilot project were positive and were used to further focus and brand the campaign. The full RateOurHome.ca campaign was subsequently formally launched in October 2016, and Metro Vancouver has requested that member municipalities assist in promoting the campaign.

2.0 OVERVIEW OF THE RATEOURHOME.CA CAMPAIGN

The RateOurHome.ca campaign promotes home energy labeling, targeting three main groups: home owners, prospective home buyers and builders and developers. The campaign relies on the well-established Natural Resources Canada (NRCAN) EnerGuide labeling system¹, which assigns an energy rating based upon an assessment by a certified energy advisor. The rating indicates a home's energy efficiency compared to a "typical" house of similar type/size, thus providing more information for a potential home buyer. Home owners who have an energy label for their

¹ See also: <http://www.nrcan.gc.ca/energy/efficiency/housing/new-homes/5035>

To: Environment Committee
 From: Director Planning and Building
 Re: Metro Vancouver's RateOurHome.ca Campaign
 2017 January 6..... Page 2

home can opt to have their home included in the map-based inventory on the RateOurHome.ca website. A copy of the campaign's brochure is provided in **Attachment 1**, and the materials and map-based inventory can be viewed at www.RateOurHome.ca.

3.0 ALIGNMENT WITH BURNABY'S CEEP AND ESS

The RateOurHome.ca campaign is consistent with the goals and targets of Burnaby's Community Energy and Emissions Plan (CEEP), approved by Council on 2016 November 7, which aims to reduce energy use and greenhouse gas (GHG) emissions in the community. Specifically, the CEEP includes the following strategy under the Build goal of "Buildings and infrastructure that have a positive impact on the environment":

Build C3.3. Develop policies and programs to measure and communicate how much energy a building uses, for example using energy audits and EnerGuide labels and/or building benchmarking.

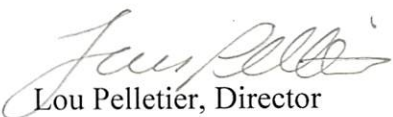
Furthermore, Burnaby's Environmental Sustainability Strategy (ESS), also approved by Council on 2016 November 7, includes broader supporting strategies under the Build and Breathe goals, to reduce GHG's from buildings.

3.1 Promotion of the RateOurHome.ca Campaign

The City of Burnaby web page provides resources and tips for how citizens can take action to support the ESS and CEEP, located at www.burnaby.ca/ess+you. A link to the RateOurHome.ca campaign has been included under the "Build" section of this page, under the "Conserve Energy at Home" drop-down menu. As part of the implementation of the ESS and CEEP, staff will further consider opportunities to co-promote the Metro Vancouver campaign.

4.0 CONCLUSION

In summary, the RateOurHome.ca campaign is a voluntary campaign aimed at promoting home energy labeling to encourage improved energy efficiency. The campaign supports both Metro Vancouver's and the City of Burnaby's policies and targets for reducing greenhouse gas emissions. The campaign is being promoted through the ESS webpage supporting citizen action, and further opportunities for promotion will be considered as they arise.


 Lou Pelletier, Director
 PLANNING AND BUILDING

LT:sa
Attachment

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ATTACHMENT 1: RATEOURHOME.CA BROCHURE



Have an EnerGuide rated home you want to feature?

Are you a builder, seller or listing agent looking for more exposure for an EnerGuide rated home? We can help.

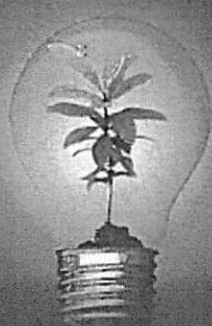
RateOurHome.ca would like to help you profile your property on our searchable map for FREE.

It only takes 5 minutes to sign up. Make sure you have your EnerGuide report in hand.

Once posted online, anyone can view your property's EnerGuide Rating on a searchable map.

Features include:

- Link to the property listing page of your choice
- Link to builder website
- Display of other home energy related certifications (e.g., ENERGY STAR®)
- EnerGuide data displayed, including rated energy use, greenhouse gases, and on-site renewables
- Ability to search by house type, EnerGuide rating, builder, and more
- RateOurHome.ca will be promoted in the Metro Vancouver region starting in the Fall of 2016




**Rate
OUR HOME**

Spotting an energy efficient home just got easier.

For more information about
RateOurHome.ca, please contact
RateOurHome@metrovancover.org

ENERGUIDE

For more information about the new
EnerGuide Rating System and ENERGY STAR®
for New Homes, please visit
www.nrcan.gc.ca/myenerguide,
or contact NRCan General Inquiries at
1-343-292-6096

 **metrovancover**
SERVICES AND SOLUTIONS FOR A LIVABLE REGION

metrovancover

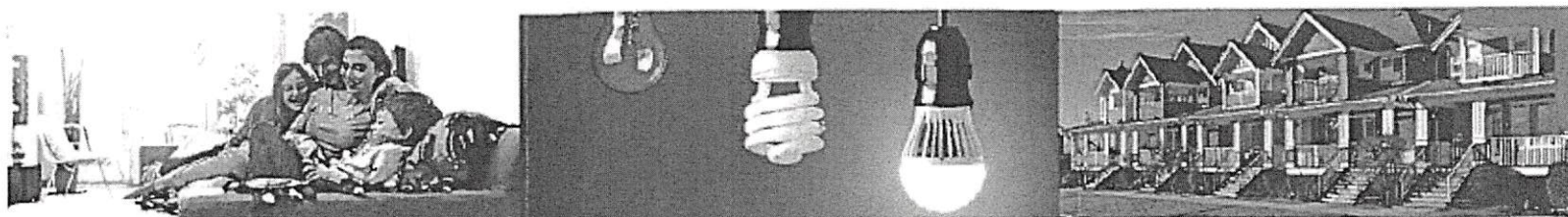


**SPOTTING AN ENERGY
EFFICIENT HOME
JUST GOT EASIER.**

**Rate
OUR HOME.ca**

IN PARTNERSHIP WITH **ENERGUIDE**

 SERVICES AND SOLUTIONS FOR A LIVABLE REGION



Why home energy labelling?

Our home is likely the biggest purchase we will ever make, and yet there are some things we can't see when deciding which home to buy, like energy use and costs. Home energy labels tell us how energy efficient a home is, how efficient it could become, and how it compares to other similar homes.

What is EnerGuide?

EnerGuide is a rating system developed by the Canadian government to rate the energy use of various products. You've probably seen it on your new car or appliance. It's also available for houses.

A home EnerGuide label tells you:

- How much energy the home is rated to use
- How much energy the home would use if built to meet the energy requirements of Canada's National Building Code
- How much energy the home is rated to use for heating, hot water, etc.
- How much greenhouse gas emissions come from the home's energy use

You can get an EnerGuide rating for most single family home, duplex, triplex, quadplex or ground-oriented townhome (less than 4 stories tall).

To book an EnerGuide home evaluation now, visit RateOurHome.ca



Why care about home energy?

Energy efficient homes:

- Are healthier with better indoor air quality
- Have fewer moisture and humidity issues, such as mould and mildew
- Are more comfortable with fewer drafts and cold spots
- Deliver lower, more predictable energy bills and less energy waste
- Are quieter and better insulated from outside noise
- Have a smaller environmental footprint

What is RateOurHome.ca?

This website provides information on the EnerGuide Rating System, including:

- General information on EnerGuide for homes
- Information for home buyers on why EnerGuide matters and how it compares to a home inspection
- Information for home sellers on how EnerGuide can help you sell your home
- Information for builders on how to leverage EnerGuide for better marketability
- Searchable map to view and compare EnerGuide rated homes



Meeting 2017 Jan 17

COMMITTEE REPORT

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2017 January 9

FROM: DIRECTOR PLANNING AND BUILDING

FILE: 33000-01
Reference: Environment Week

SUBJECT: 2017 ENVIRONMENT WEEK PROGRAM

PURPOSE: To seek approval for the 2017 preliminary Environment Week Program.

RECOMMENDATIONS:

1. **THAT** Council approve the 2017 preliminary Environment Week Program.
2. **THAT** Council approve an expenditure of up to \$3,000 from the Boards, Committees and Commissions' operating budget for promoting and advertising the City sponsored Garage Sale Day Event.
3. **THAT** Council approve an expenditure of up to \$5,800 from the Boards, Committees and Commissions' operating budget for promoting and advertising Environment Week.

REPORT**1.0 BACKGROUND**

The City of Burnaby's Environment Week Program promotes environmental awareness, stewardship and sustainability of our natural and built environments through a range of environmentally-themed free public events and activities. It is coordinated by the City and offers an opportunity for Burnaby residents, local community groups, businesses, CUPE Local 23 and other government agencies to come together to recognize and celebrate our community and the environment. Established from recommendations contained in the City's State of the Environment Report (1993) and supported by the goals and strategies contained in Burnaby's Environmental Sustainability Strategy (ESS), Environment Week is an important part of how the City promotes and supports environmental stewardship and sustainability.

Since its inception in 1996, Burnaby Environment Week has been scheduled to align with Canadian Environment Week, typically the first week of June, and the United Nations sponsored World Environment Day, held every year on June 5. This year, Environment Week 2017 is proposed to be scheduled for a two week period, from Saturday, May 27 to Sunday, June 11 in order to align with the aforementioned initiatives. Every year, World Environment Day (WED) is hosted by a different country. Notable for 2017 is that Canada will be the host country for WED in conjunction with Canada's 150 celebrations.

To: Environment Committee
 From: Director Planning and Building
 Re: 2017 Environment Week Program
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This report seeks Council approval for the 2017 preliminary Environment Week Program. A second report presenting an updated Environment Week Program will be brought forth to the Environment Committee and Council in March. Approval of promotion and advertising expenditures from the Boards, Committees and Commissions' budget is sought for Environment Week and the City's Garage Sale Day programs.

2.0 PRELIMINARY ENVIRONMENT WEEK PROGRAM

Schedule

The 2017 Environment Week Program is proposed to begin on Saturday, May 27 and end on Sunday, June 11. This provides for two weekends, at the start and end of the program, with Hats Off Day in Burnaby, an event organized by the Heights Merchants Association and attended by various City departments, occurring on the weekend in the middle (Saturday, June 3 this year and the first Saturday in June every year).

The two week schedule was used successfully in 2016 to spread weekend events such as the Environment Festival, the City-wide Garage Sale and the Eco-Centre Open House to different days. The longer time frame also provided more opportunity for the City's community partners to organize and offer their own events as part of Environment Week.

It is also proposed that the Environment Week Program continue to be organized around a two week period (Saturday, May 26 and ending on Sunday, June 10 in 2018, for example) on an annual basis going forward. Establishing regular dates for Environment Week will allow the City to more effectively promote Environment Week as an annual event in the community.

Events and Activities

The 2017 preliminary Environment Week Program described below includes those events and activities that have been confirmed thus far. Promotion of the program will begin in February and continue through May. Following this report, more detailed planning will be undertaken and new events and activities may be added. A report presenting an updated Environment Week Program will be brought forth to the Environment Committee and Council in March.

Burnaby Environment Festival, Saturday, May 27

This one day event is proposed to be held at Burnaby City Hall in the outer courtyard and walkways. The regularly scheduled Burnaby Farmers Market will take place in the north parking lot at the same time. The event will include environmental displays from City departments, community partners and external exhibitors, activities for families and children, a community mapping activity, and self-guided eco-tours to the nearby Great Blue Heron colony.

An organizing theme for this year's festival will be electric vehicles (EVs). Attending as exhibitors this year will be Emotive and Plug In BC. Emotive is a community-based campaign aimed to raise awareness of plug-in EVs. The campaign is led by Plug In BC, an initiative led by a broad collaboration, including the provincial government, BC Hydro, Fraser Basin Council, academic institutions and many communities and businesses across BC. The aim of this group is to encourage

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 From: Director Planning and Building
 Re: 2017 Environment Week Program
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and support the infrastructure needed in BC to support plug-in EVs. In addition to attending as exhibitors, the preliminary plan is for Emotive to arrange for members of their ambassador team to bring their personal EVs for display at the festival.

Supporting Emotive and Plug In BC will be City staff with display information about City plans and policies that support EVs and charging infrastructure and information about how EVs are being accommodated in new developments in Burnaby.

The Environment Festival will also provide an opportunity to re-engage the public about Burnaby's newly adopted Environmental Sustainability Strategy (ESS) and Community Energy and Emissions Plan (CEEP). Planned activities and displays will be presented in more detail in the second report to Environment Committee and Council in March.

It is expected that many of the exhibitors from previous years will be participating again this year as part of the Environment Festival. Past participants have included conservation outreach teams from BC Hydro and Fortis BC, various product stewardship groups focused on waste reduction and recycling, City of Burnaby departments and the Burnaby Public Library, the Burnaby Board of Trade, and community stewardship groups. A finalized list of exhibitors will be presented in the second report to Environment Committee and Council in March.

Council approval is sought for expenditure from the Boards, Committees and Commissions' budget to advertise and promote this event and the entire Environment Week program (more detail is provided in Section 3.0 of this report).

City-sponsored Garage Sale Day Event, Saturday, May 27

Coordinated by the Engineering Department, this program encourages waste reduction and recycling 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.

Council approval is sought for an expenditure from the Boards, Committees and Commissions' budget to advertise and promote this event (more detail is provided in Section 3.0 of this report).

2017 Environmental Awards Reception and Awards Presentation, Monday, May 29

As previously approved by Council in November 2016, the City will present the 2017 Environmental Awards and Stars to selected recipients at the Regular Meeting of Council on Monday, May 29. A reception for the recipients and their families and friends, to be held in the foyer outside Council chambers, will precede the council meeting.

2017 Spring Bike to Work Week, May 29 to June 4 (tentative dates)

Promoted in Metro Vancouver by HUB: Your Cycling Connection, Bike to Work Week encourages residents and businesses to incorporate bicycling as part of their regular work commute. Bike to

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Work Week will be promoted to staff and to City residents through the City's social media channels. The Burnaby Board of Trade also plans to promote Bike to Work Week to its members.

Deer Lake Guided Canoe Trips, consecutive Tuesday evenings, May 30 and June 6 (tentative dates)

Burnaby Parks, Recreation and Cultural Services will coordinate free, guided canoe trips on Deer Lake. Pre-registration will be required.

2017 Commuter Challenge, June 4 to June 10 (tentative dates)

Promoted in Vancouver by Better Environmentally Sound Transportation (BEST), the Commuter Challenge is a Canada wide event that encourages participants to choose a sustainable commuting option and to log this information online to win prizes. The Commuter Challenge will be promoted to staff and to City residents through the City's social media channels. The Burnaby Board of Trade also plans to promote the Commuter Challenge to its members.

Open House at the Burnaby Eco-Centre, Saturday, June 10

The Burnaby Eco-Centre is a public facility where residents can take large volumes of 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.

Car Trunk Sale, Environment Week edition, Bill Copeland Sports Centre, Saturday, June 10 (tentative)

This annual event, organized by Parks, Recreation and Cultural Services, encourages waste reduction by promoting reuse of ordinary household items.

'Wild About Burnaby Lake', Environmental Stewardship Festival, Saturday, June 10, 10am to 2pm

This is a new environmental stewardship event offered by Metro Vancouver Regional Parks and the Burnaby Lake Park Association as part of Burnaby's Environment Week Program. The event will invite the public to the Burnaby Lake Rowing Pavilion and surrounding area for several fun filled activities geared towards families. Kids and parents will be able to pre-register for one of several tours of Burnaby Lake by voyageur canoe. Those attending will also be able to help build a turtle nesting beach and learn about the ecology of Burnaby Lake during a guided walk. Exhibits from local stewardship groups and lunch food available for purchase are planned.

Great Blue Heron Colony Tour, Sunday, June 11, 10am to 12pm

Organized by Burnaby Parks, Recreation and Cultural Services, this will be a free guided tour, led by a local expert, to visit the nearby Pacific Great Blue Heron colony adjacent to Deer Lake Avenue. The tour will begin with an indoor presentation at the Shadbolt Centre before departing on foot to visit the colony.

To: *Environment Committee*
 From: *Director Planning and Building*
 Re: *2017 Environment Week Program*
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Each year, many other City community partners participate in Environment Week. These community partners include Byrne Creek Streamkeepers, Eagle Creek Streamkeepers, Stoney Creek Environment Committee, the Green Ideas Network, Burnaby Residents Opposed to Kinder Morgan Expansion (BROKE), SFU Community Trust, Sprouting Chefs, Sustainable SFU, Wildlife Rescue Association, British Columbia Institute of Technology, Covanta Energy, and the Burnaby chapter of HUB: Your Cycling Connection. These partners, and others, will be contacted in January and invited to participate in this year's program.

As has been done in previous years, corporate sponsorship will be sought to provide supplementary support for the Environment Week Program. Sponsorship provides businesses and corporations in the community the opportunity to become involved in environmental stewardship. Last year, Covanta Energy contributed to Environment Week and the Environmental Awards and Stars Reception.

3.0 PROMOTION AND REQUESTED EXPENDITURES

Promotion

With approval of the proposed program and schedule for Environment Week, as outlined in this report, promotion of the events and activities is proposed to begin in mid-February and continue through May. During that time, details of many program offerings will be finalized and new events and activities may be added.

Emphasis this year will be placed on using the City's social media channels (Facebook and Twitter) to promote the many events and activities that will be available for the public to attend. Beginning promotions in mid-February will more effectively leverage the City's social networks with its community partners, institutions and School District 41. Regular promotions will be placed in the City's Environment E-newsletter and InfoBurnaby. Other promotional means will include newspaper print advertising, promotion using posters, bus shelter ads, displays and bookmarks at civic facilities, and promotion on the City's website.

Requested Expenditures

As in previous years, Council approval is sought for expenditures from the Boards, Committees and Commissions' operating budget to advertise and promote the City-wide Garage Sale Day event and the Environment Week program, including Environment Festival. The expenditure for the City sponsored Garage Sale Day Event would be primarily for print advertising and listing the addresses of participating households in the local newspaper. The expenditure for the Environment Week Program would be for print advertising, paid advertising on social media, placement of bus shelter ads, and production costs for promotional materials such as posters, bookmarks, bus shelter ads, and onsite signage.

This year, \$3,000 and \$5,800 is again requested for advertising the City sponsored Garage Sale Day Event and the Environment Week Program, respectively. The total amount of funds requested for 2017 is \$8,800, which is the same as what was approved in 2016.

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 Re: 2017 Environment Week Program
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4.0 CONCLUSION

The Environment Week Program celebrates Burnaby's ongoing commitment to environmental sustainability and shared stewardship of our natural and built environments. An updated schedule and program for 2017 Environment Week will be presented to the Environment Committee and Council at their meeting in March.

It is recommended that the Committee seek Council approval of the 2017 preliminary Environment Week Program. It is recommended that Committee seek Council approval of promotion and advertising expenditures of \$3,000 and \$5,800 for the City sponsored Garage Sale Day Event and the Environment Week Program, respectively.


 Lou Pelletier, Director
 PLANNING AND BUILDING

MS/sla

Copied to: City Manager
 Deputy City Manager
 Director Parks, Recreation and Cultural Services
 Director Engineering
 Director Finance
 Chief Librarian
 Officer in Charge, RCMP
 Fire Chief
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 President, CUPE Local 23

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