



ENVIRONMENT COMMITTEE

NOTICE OF OPEN MEETING

DATE: TUESDAY, 2016 FEBRUARY 09
TIME: 6:00 PM
PLACE: Council Committee Room, Main Floor, City Hall

A G E N D A

	<u>PAGE</u>
1. <u>CALL TO ORDER</u>	
2. <u>MINUTES</u>	
a) Open meeting of the Environment Committee held on 2015 November 10	1
3. <u>DELEGATIONS</u>	
a) Janice Cole Re: Miscellaneous Household Hazardous Waste <u>Speaker:</u> Janice Cole	5
b) Katie van der Sloot Re: Risk Management of Triclosan <u>Speaker:</u> Katie van der Sloot	6
c) Burnaby Food First Re: Food Security <u>Speakers:</u> Leona Skovgaard, Chair Grant Rice & Joyce Cameron	7
4. <u>CORRESPONDENCE</u>	
a) Correspondence from the Ministry of Environment Re: Land Based Spill Preparedness and Response in British Columbia	8

- | | | |
|------|--|----|
| b) | Correspondence from Species at Risk Recovery Unit, Canadian Wildlife Service, Environment and Climate Change Canada
Re: Management Plan for the Northern Rubber Boa in Canada | 9 |
| c) | Correspondence from Species at Risk Recovery Unit, Canadian Wildlife Service, Environment and Climate Change Canada
Re: Amending List of Species at Risk | 10 |
| d) | Correspondence from Species at Risk Recovery, Canadian Wildlife Service, Environment and Climate Change Canada
Re: Recovery Planning for Species at Risk | 12 |
| e) | Correspondence from Don Bruchet
Re: Eliminate Non-Recyclable Coffee Cups | 23 |
| f) | Memorandum from the Director Planning and Building
Re: 2016 Environment Committee Workplan | 24 |
|
 | | |
| 5. | <u>REPORTS</u> | |
| a) | Report from the Director Planning and Building
Re: 2016 Environment Week Program | 26 |
| b) | Report from the Director Finance
Re: Sustainable Purchasing Initiatives - City Green Team | 36 |
|
 | | |
| 6. | <u>NEW BUSINESS</u> | |
|
 | | |
| 7. | <u>INQUIRIES</u> | |
|
 | | |
| 8. | <u>ADJOURNMENT</u> | |



ENVIRONMENT COMMITTEE MINUTES

Tuesday, 2015 November 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 November 10 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
 Mr. Peter Cech, Citizen Representative
 Ms. Peggy Hua, Citizen Representative
 Mr. Frank Zhao, Citizen Representative (*arrived at 6:26 p.m.*)

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

The Chair called the Open meeting to order at 6:03 p.m.

2. MINUTES

a) **Open meeting of the Environment Committee
 Held on 2015 October 13**

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

THAT the minutes of the Open meeting of the Environment Committee held on 2015 October 13 be adopted.

CARRIED UNANIMOUSLY

3. CORRESPONDENCE

MOVED BY COUNCILLOR CALENDINO
SECONDED BY MR. CECH

THAT the correspondence be received.

CARRIED UNANIMOUSLY

a) Correspondence from Richard Lee, MLA for Burnaby North
Re: Discarded Cigarettes and Fire Hazard

Correspondence was received from Mr. Richard Lee, MLA for Burnaby North, expressing his constituent's concerns regarding forest fires in BC this past summer, and the number that had been started with cigarettes tossed out a car window. In addition, the constituent noted cigarette butts are tossed on the ground in the City, around bus stops, shopping malls, and parking lots, and wondered if an education awareness drive might be in order.

Staff advised the City does not have an active educational program.

Arising from discussion, Councillor Calendino was granted leave to introduce the following motion:

MOVED BY COUNCILLOR CALENDINO
SECONDED BY MR. CECH

THAT staff provide a memorandum to the Committee in response to this issue.

CARRIED UNANIMOUSLY

The Committee requested the following be included in the memorandum: potential cost of the educational pilot program, areas of problem, resource allocation, and jurisdictional review.

4. REPORTS

MOVED BY MR. CECH
SECONDED BY MR. BRASSINGTON JR.

THAT the report be received.

CARRIED UNANIMOUSLY

a) Report from the Director Planning & Building
Re: 2016 Environmental Awards Program

The Director Planning and Building submitted a report seeking approval for the 2016 Environmental Awards Program call for nominations and the expenditure for promotion and advertising.

The Director Planning and Building recommended:

1. THAT Council approve the call for nominations for the 2016 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.

Mr. Zhao arrived at the meeting at 6:26 p.m. and took his place at the Committee table.

MOVED BY COUNCILLOR CALENDINO
SECONDED BY COUNCILLOR DHALIWAL

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

CARRIED UNANIMOUSLY

The Committee suggested the following:

- staff review award categories for 2017;
- advertise the Program in InfoBurnaby and explore other advertising options, i.e. malls, digital ads, bus stops, BIAs, etc.;
- review circulation of Burnaby Now newspaper;
- explore creating a resource page for teachers and contact individual school coordinators;
- create a hashtag for Twitter, and expand use of social media and possible incentives if people share the City's content.

Arising from discussion, Councillor Dhaliwal was granted leave to introduce the following motion:

MOVED BY COUNCILLOR DHALIWAL
SECONDED BY COUNCILLOR CALENDINO

THAT staff investigate the feasibility of changing the venue for the Environmental Award Program, and report back to the Committee at the next meeting.

CARRIED UNANIMOUSLY

The Committee further suggested the Environment Award ceremony be held in conjunction with Council meeting.

5. **NEW BUSINESS**

Councillor Dhaliwal

Councillor Dhaliwal requested staff provide an overview of the streetlight conversion program.

Staff advised the City successfully completed trial installations to test and demonstrate the benefits of light-emitting diodes (LEDs) streetlights. The LED streetlights last up to five times longer, requiring less maintenance, provide a whiter light source and are 'dark sky' compliant. By replacing 1,900 streetlights, the City is expected to save about 760,000 kilowatt hours each year.

Complete conversion of the City's 11,000 streetlights is expected to be completed by 2018.

Councillor Kang

Councillor Kang encouraged Committee members to attend City's environmental events and other public events, provide feedback to staff, network with community members and share the City's Facebook and Twitter posts.

6. **INQUIRIES**

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

7. **ADJOURNMENT**

MOVED BY COUNCILLOR CALENDINO

SECONDED BY MR. ZHAO

THAT this Open Committee meeting do now adjourn.

CARRIED UNANIMOUSLY

The Open meeting adjourned at 7:07 p.m.

Blanka Zeinabova
ADMINISTRATIVE OFFICER

Councillor Anne Kang
CHAIR

From: J C

Sent: January 18, 2016 11:29 AM

To: Zeinabova, Blanka

Subject: I will talk about misc household waste at Feb 9 Environmental Committee Meeting

To Chair and Members Environmental Committee

Re: request to attend Environment Committee meeting February 09, 2016 as delegation

Purpose:

To discuss my understanding of direction of miscellaneous household hazardous waste, to share an idea, and some concerns

I understand that miscellaneous hazardous household waste is not accepted curbside and not accepted at Still Creek unless in the original container. Products not in original containers can be poured onto kitty litter or rags and put in household garbage for pick up, or can be taken to Terra Pure (formerly New Alta). Langley offers a once a year pick up of such waste, working with Terra Pure, which then streams to Alberta where it is incinerated to DRE 99.999%. I would like to discuss environmental concerns of current options to dispose of miscellaneous household hazardous waste and whether adding such a once a year pick up to Burnaby's current sanitation management could be an option. I am coming to present my current understanding and to propose my idea, and to learn from the discussion. Though I have spoken to Burnaby Sanitation, Tracy Tobin, the Recycle Hotline, and Terra Pure- I don't have the answers and may not even have a full understanding of waste management in Burnaby.

Janice Cole

#307-3921 Carrigan Court

Burnaby BC

V3N 4J7

Rose Johnman and Blanka Zeinabova
Office of the City Clerk
4949 Canada Way
Burnaby, BC V5G 1M2

Dear Ms. Johnman and Ms. Zeinabova,

My name is Katie van der Sloot, and I wish to appear as a delegation before the Environmental Committee on February 9, 2016.

I wish to speak to the Environmental Committee about an timely and important manner. Environment Canada and Health Canada are due to release their Final Assessment on triclosan (the chemical additive in antibacterial products) any day now. Upon release of this document, the public will have 60 days to submit their comments on a risk management strategy for the chemical, triclosan.

Scientific evidence has cited many concerns over the chemical's safety. For example, science has pointed out triclosan's: toxicity to aquatic life, bioaccumulation potential, endocrine disrupting effects, contribution to cancer cell proliferation, and cross-resistance to antibiotics. In my presentation, I would like to briefly highlight these few examples, and challenge the committee to respond to this concerning evidence with a letter to the Ministers of Health and the Environment.

In said letter (I would draft), the committee would state their support for a risk management of triclosan which would ban it from personal and household products within Canada.

My presentation will include: a fact sheet for the committee to understand the issue, a sample letter to the Ministries, a sample resolution, and a powerpoint. I will require the necessary equipment to share my powerpoint with the Committee.

Thank you for your time and consideration of my request.

Sincerely,

Katie van der Sloot
3200 University Blvd
Squamish, BC V8B 0N8

Environment Committee
Office of the City Clerk
4949 Canada Way
Burnaby, BC V5G 1M2

Burnaby Food First



February 3, 2016

Dear City Clerk

Burnaby Food First requests permission to appear as a delegation before the Environment Committee. We would like to present a research report regarding food security.

The speaker will be;

Leona Skovgaard, Chair, Burnaby Food First
PO Box 96004, RPO Ironwood Richmond BC V7A 5J4
email address: bcgirl@rogers.com

Grant Rice and Joyce Cameron of Burnaby Food First will also be in attendance.

Respectfully yours,

A handwritten signature in black ink that reads "Leona Skovgaard". The script is fluid and cursive.

Leona Skovgaard, Chair, Burnaby Food First



Reference: 293776

December 21, 2015

His Worship Mayor Derek Corrigan
and Councillors
City of Burnaby
4949 Canada Way
Burnaby BC V5G 1M2

SECTION 2
COUNCIL CORRESPONDENCE
City Manager
Deputy City Managers (2)
Dir. Engineering
Asst. Dir. Eng. - Environmental Protection
Dir. Finance
Fire Chief
City Solicitor
Emergency Program Coordinator
Environment Committee (February 9)

Dear Mayor Derek Corrigan:

On June 15, 2015, the Honourable Mary Polak, Minister of Environment, announced that British Columbia will be creating a world class spill response regime to address a wide range of potential land and marine-based spills. We intend to build that new regime collaboratively with First Nations, communities, local governments, industry and other regulators.

I am sending this letter to provide you with an update on the regime progress and notice of our upcoming engagement efforts. We will be engaging a broad range of First Nations, industry organizations, communities, stakeholders and regulators on a new report which will set out the details of our proposed new spill response regime.

I encourage your organization to provide detailed comments on the new report through our online information portal on the ministry's Land Based Spill Preparedness and Response in British Columbia website at www.gov.bc.ca/spillresponse. From this webpage, you can subscribe to receive updates which will notify you when new content is posted, including the new report. As noted, we anticipate the new report being available mid-January 2016 and we will provide you with another notice just prior the commencement of our formal engagement.

In the meantime, we invite you to review the previously published intentions papers and the results of a past Spill Response Symposium posted on the portal.

If you have any questions about the new proposal or the engagement process, I encourage you to contact Ms. Sara Bacic, Logistics Coordinator for the Spill Response Regime. She can be contacted at Sara.Bacic@gov.bc.ca.

Sincerely,

Anthony Danks
Executive Director
Spills Response Regime Project
Environmental Protection Division

SECTION 2
COUNCIL CORRESPONDENCE
City Manager
Deputy City Managers (2)
Dir. Planning and Building
Environment Committee (Feb 9)

From: EP.RPY / SAR.PYR (EC/EC) [<mailto:ec.ep.rpy-sar.pyr.ec@canada.ca>]

Sent: Monday, January 18, 2016 4:18 PM

Cc: EP.RPY / SAR.PYR (EC/EC)

Subject: [****SPAM Warning****] Notification of updates to the Species at Risk Public Registry

Importance: Low

Hello,

Please note that on January 15th the **Management Plan for the Northern Rubber Boa (*Charina bottae*) in Canada** was posted as proposed on the Species at Risk Public Registry for a 60-day consultation period. The Northern Rubber Boa is a snake found in roughly the southern third of mainland British Columbia. The document is available here: https://www.registrelep-sararegistry.gc.ca/document/default_e.cfm?documentID=2858.

Should you have any comments or questions please contact us at:

Species at Risk Recovery Unit, Canadian Wildlife Service, Pacific & Yukon Region
Environment and Climate Change Canada / Government of Canada
5421 Robertson Road RR #1, Delta, BC, V4K 3N2
ec.ep.rpy-sar.pyr.ec@canada.ca / Tel: 604-350-1900

Unité de rétablissement des espèces en péril, Région du Pacifique et du Yukon
Environnement et Changement climatique Canada / Gouvernement du Canada
5421 rue Robertson R.R. #1, Delta, BC, V4K 3N2
ec.ep.rpy-sar.pyr.ec@canada.ca / Tél: 604-350-1900

SECTION 2
COUNCIL CORRESPONDENCE
City Manager
Deputy City Managers
Dir. Planning and Building
Dir. Parks, Rec. and Cultural Svcs
Dir. Engineering
Environment Committee (Feb. 09)

From: EP.RPY / SAR.PYR (EC/EC) [<mailto:ec.ep.rpy-sar.pyr.ec@canada.ca>]
Sent: Friday, January 29, 2016 2:11 PM
Cc: EP.RPY / SAR.PYR (EC/EC)
Subject: Consultation on Amending the List of Species under the Species at Risk Act

Hello,

Environment and Climate Change Canada is launching public consultations on amending Schedule 1 (the List of Wildlife Species at Risk) of the *Species at Risk Act*. Further information about this consultation is outlined in the attached letter and online at:

www.registrelep-sararegistry.gc.ca/default.asp?lang=En&n=9953B034-1.

Please note that eight of the species included in this consultation are found in British Columbia (see table below). Two of these species, Limber Pine and Black Swift, are proposed for listing as Endangered on SARA Schedule 1. Species listed as Endangered and Threatened may have critical habitat identified in the future.

Limber Pine – a tree found in the south-eastern part of B.C.	New listing: Endangered
Black Swift – a bird found throughout most of southern, central, and western B.C.	New listing: Endangered
Tiny Tassel – a moss found in southern central B.C.	New listing: Special Concern
Vivid Dancer – an insect found in the southern interior of B.C.	New listing: Special Concern
Yellow-banded Bumble Bee – a bee found throughout much of B.C.	New listing: Special Concern
Cassin's Auklet – a bird found along the coast of B.C.	New listing: Special Concern
Red-necked Phalarope – a bird found throughout much of B.C.	New listing: Special Concern
Phantom Orchid – a flower found in southwestern B.C.	Up-listing: From Threatened to Endangered

Should you have any comments or questions please contact us at:

Species at Risk Recovery Unit

Canadian Wildlife Service / Pacific & Yukon Region
Environment and Climate Change Canada / Government of Canada
5421 Robertson Road RR #1, Delta, BC, V4K 3N2
ec.ep.rpy-sar.pyr.ec@canada.ca / Tel: 604-350-1900



(La version française suit)

On October 6, 2015, the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) submitted 55 assessments of species at risk to the federal Minister of the Environment.

On December 23, 2015, the Government of Canada posted the Ministerial Response Statements for these species on the *Species at Risk Act* (SARA) Public Registry. The Government is now launching public consultations on the potential amendment of Schedule 1, the List of Wildlife Species at Risk under SARA. The complete set of statements and the consultation path (normal or extended) for each species are available at: www.registrelep-sararegistry.gc.ca/default.asp?lang=En&n=9953B034-1.

Environment and Climate Change Canada is seeking comments on the proposed amendment of Schedule 1 resulting from assessments of 25 terrestrial species. Nineteen of these are eligible to be added to Schedule 1, while four are being considered for up-listing to a higher risk status and two are being considered for down-listing to a lower risk status. Twenty additional terrestrial species at risk have had their current Schedule 1 status confirmed. These are not included in this consultation process, as no regulatory amendment is required.

Fisheries and Oceans Canada is conducting separate consultations for four aquatic species eligible for an addition to the list or a reclassification. An additional four aquatic species are status confirmations, one was assessed as Not at risk and one is a reclassification. These latter six species have no potential regulatory impact, and thus public consultations are not required.

Additional information on the listing and consultation processes for terrestrial species, as well as the possibility to amending Schedule 1 by adding or reclassifying species, are available in "Consultation on Amending the List of Species under the *Species at Risk Act* -Terrestrial Species: January 2016". This document also includes a questionnaire that provides you guidance on the types of information and comments Environment and Climate Change Canada is seeking. It is posted on the SARA Public Registry at: http://www.registrelep-sararegistry.gc.ca/document/default_e.cfm?documentID=2749.

You are invited to submit comments on the potential impacts of amending the List of Wildlife Species at Risk according to these COSEWIC status assessments. Your comments will be considered and will inform the Minister's recommendation to Cabinet. Please provide remarks by **May 4, 2016** for species under a normal consultation process. Three terrestrial species, namely the Caribou (Newfoundland population), the Eastern Wolf and the Red-necked Phalarope, will follow an extended consultation process. Please provide remarks by **October 4, 2016** for species following an extended consultation path. There will also be an opportunity to provide comments during the 30-day public consultation period associated with pre-publication in Canada Gazette Part I. More detailed information on individual species is included in the COSEWIC status reports, which are available on the SARA Public Registry. The Public Registry also provides more general information about SARA.

Yours sincerely,

Sue Milburn-Hopwood

Director General
Canadian Wildlife Service
Environment Canada
351 St. Joseph Blvd
Gatineau, QC K1A 0H3



January 29th, 2016

RE: Seeking your input on draft recovery documents for SARA listed species at risk in B.C.

As you may be aware, Environment and Climate Change Canada has developed a three year work plan which includes completing recovery strategies and management plans for over 80 wildlife species at risk in B.C. For your reference, we have attached a document listing these species and the status of the associated recovery documents (i.e., drafts available, drafts in early development, and documents posted on the Species at Risk Public Registry). Whenever possible we aim to inform those who may be impacted by the development of these documents before they are made available to the general public for comment.

We currently have draft documents prepared for the following species found in Metro Vancouver:

- **Streambank Lupine** (Endangered) – a plant found in the lower Fraser valley and southern Vancouver Island. Draft critical habitat for this species has been identified in the municipalities of Delta, Port Coquitlam, Richmond, and Surrey.
- **Coastal Tailed Frog** (Special Concern) – a frog found in the Coast and Cascade mountain ranges of British Columbia.
- **Northern Red-legged Frog** (Special Concern) – a frog found on Vancouver Island and approximately the southern half British Columbia's coast.
- **Northern Rubber Boa** (Special Concern) – a snake found in roughly the southern third of mainland British Columbia.
- **Western Toad** (Special Concern) – a toad found throughout most of British Columbia.

Given the size of the documents, we have not included the full drafts with this letter. Please let us know if you would like us to provide these to you. We have included overviews for the species with draft documents available, and a questionnaire that you may find helpful in your review. To further aid you in your review, and to assist with your land use planning, we can provide digital spatial data for areas identified as critical habitat for several SARA listed species. If you would like to receive these data and you do not already have a confidentiality agreement with Environment Canada, please have a senior representative in your organization sign the attached 'Restricted Data Licensing Agreement' and mail the signed hard copy to the address found at the end of this letter.

While there are no deadlines for providing input on these draft recovery documents, we encourage you to contact us as soon as possible so that we may more fully incorporate your comments. We will also send an email notification at the start of the 60 day public comment period for each individual recovery document once posted to the public registry.

We would also like to inform you that, to the extent possible, we will notify private landowners that may have critical habitat identified on or near their property of the opportunity to provide comments on these draft documents. As effectively reaching landowners can be a challenge with the tools available to us, we would greatly appreciate it if you could notify your community members of the opportunity to



provide input by posting an announcement on your website, social media, or other communication tools you may use. Feel free to use the text from the attached materials.

As local governments you play a critical role in safeguarding the natural areas within your jurisdiction that species at risk depend on to recover or survive. Here are some ways you can be involved in recovery efforts:

- Provide us with information we can use to improve the recovery documents
- Continue to conserve species at risk using the tools unique to local governments such as bylaws, zoning, and permitting
- Utilize stewardship tools and resources such as covenants, easements, stewardship agreements, and apply to Environment Canada's various funding programs (e.g., the Habitat and Stewardship Fund for Species at Risk)
- Promote conservation of species at risk and help inform your constituents about the *Species at Risk Act* and its importance

Thank you in advance for your input. We understand that species at risk is one of many priorities for your communities and we appreciate the time you have invested in working with us.

We look forward to continuing to work together on species at risk recovery.

Respectfully,

Randal Lake
Head, Species at Risk Recovery
Canadian Wildlife Service
Environment and Climate Change Canada
Pacific and Yukon Region
5421 Robertson Rd, RR1
Delta, BC V4K 3N2

Enclosed:

- Fact sheet on recovery documents with a list of recovery documents on the three year work plan
- Overviews of species with draft recovery documents available for consultation
- Species at risk recovery planning questionnaire
- Restricted Data Licensing Agreement

Fact Sheet on Recovery Documents

This fact sheet provides a brief description of each type of recovery document developed under the *Species at Risk Act*. Recovery documents can be developed in cooperation with aboriginal peoples and others who may be affected by a recovery document or have knowledge of the species.

Consultation on each document takes place, once a draft is available, with aboriginal peoples and others who may be directly affected by the recovery document. Consultation also takes place on the SARA Registry (sararegistry.gc.ca) for a 60 day public comment period. Following the comment period, all information received will be incorporated to the extent possible and the document will be posted as final to the SARA registry. Though posted as final, recovery documents can be updated any time new significant information becomes available.

Recovery Strategies

Recovery strategies are required for species that are listed on SARA Schedule 1 *as threatened, endangered, or extirpated*. A recovery strategy identifies threats to the species and establishes population and distribution objectives. If enough information is available, a recovery strategy also identifies critical habitat. Critical habitat is the habitat needed for the survival or recovery of a species. Critical habitat is identified by describing the area that a species uses and (within that area) the particular environmental features (e.g., amount of moisture) the species needs to live and reproduce. These features are often called “biophysical attributes” in the recovery strategy.

Note that digital geospatial data outlining critical habitat identified in recovery strategies posted on the Species at Risk Public Registry can be downloaded from: <http://donnees.ec.gc.ca/data/species/developplans/critical-habitat-for-species-at-risk-british-columbia/?lang=en>.

Management Plans

Management plans are required for species listed as *special concern* on SARA Schedule 1. Management plans describe measures to be taken for the conservation of the species, but it does not identify specific areas of habitat critical to the survival of the species.

Action Plans

Action plans may be developed for a single species or multiple species. Action plans outline the projects or activities required to meet the goals and objectives identified in recovery strategies. An action plan includes information on the species habitat, protection measures, and an evaluation of the socio-economic costs and benefits.

Update on Environment Canada's Three-Year Recovery Document Posting Plan for species in British Columbia – As of January 22, 2016.

In the list below, you will find the current stage of development for each document, the names and types of species, as well as the general areas in which the species are found in British Columbia.

Draft documents available for consultation

Endangered

- ⇒ **Blue-grey Taildropper Slug** - a slug found in a few locations on southern Vancouver Island.
- ⇒ **Edwards' Beach Moth** - a moth found in a few locations on Vancouver Island and the Gulf Islands.
- ⇒ **Northern Leopard Frog, Rocky Mountain population** - a frog found in the southeastern corner of B.C.
- ⇒ **Sharp-tailed Snake** - a snake found in southeastern Vancouver Island, the Gulf Islands, and on the mainland near Pemberton, B.C.
- ⇒ **Streambank Lupine** - a plant found in the lower Fraser valley and on southern Vancouver Island.
- ⇒ **Tall Bugbane** - a plant found in the Cultus Lake and Chilliwack River area of southwestern B.C.
- ⇒ **Wallis' Dark Saltflat Tiger Beetle** - a beetle found in south-central B.C.
- ⇒ **Whitebark Pine** - a tree found in the interior of B.C.

Threatened

- ⇒ **Cliff Paintbrush** - a plant found in the southern Coast Mountains of B.C.
- ⇒ **Lyall's Mariposa Lily (COSEWIC assessed as Special Concern)** - a plant found in the southern interior of B.C.
- ⇒ **Mountain Holly Fern** - a plant found in a small area outside of Princeton in B.C.'s southern interior.
- ⇒ **Red Knot *roselaari* type** - a bird that travels along the coast of B.C.
- ⇒ **Seaside Bone Lichen** - a lichen found on the southern tip of Vancouver Island.

Special Concern

- ⇒ **Band-tailed Pigeon** - a bird found mostly on the southern coast and islands of B.C. with smaller numbers stretching eastward.
- ⇒ **Coastal Tailed Frog** - a frog found in the Coast and Cascade mountain ranges of B.C.
- ⇒ **Coeur d'Alene Salamander** - a salamander found in southeastern B.C.
- ⇒ **Great Blue Heron, *fannini* subspecies** - a subspecies of heron found in the lower Fraser River valley, along the coast, and on most islands of B.C.
- ⇒ **Northern Red-legged Frog** - a frog found on Vancouver Island and approximately the southern half B.C.'s coast.
- ⇒ **Oldgrowth Specklebelly Lichen** - a lichen found on the coast and islands of B.C.
- ⇒ **Western Toad** - a toad found throughout most of B.C.

Draft documents in early development*Extirpated*

- ⇒ **Greater Sage-Grouse *phaeos* subspecies** - a bird previously found in the Okanagan and Similkameen valleys.
- ⇒ **Pacific Gophersnake** - a snake previously found in southwestern British Columbia.
- ⇒ **Pygmy Short-horned Lizard** - a lizard previously found in the Okanagan and Similkameen valleys in British Columbia.

Endangered

- ⇒ **American Badger *jeffersonii* subspecies** - a mammal found in the southern interior of B.C.
- ⇒ **Bent Spike-rush, Southern Mountain population** - a plant found in a small area near Osoyoos Lake.
- ⇒ **Desert Nightsnake** - a snake found in the southern Okanagan and Similkameen valleys of BC.
- ⇒ **Mormon Metalmark, Southern Mountain population** - a butterfly found in the Similkameen valley of British Columbia's southern interior.
- ⇒ **Small-flowered Lipocarpa** - a plant found in south-central B.C.
- ⇒ **Spalding's Campion** - a plant found in southeastern B.C.
- ⇒ **Tiger Salamander, Southern Mountain population** - a salamander found in a small area in the southern Okanagan in B.C.
- ⇒ **Vancouver Island Marmot** - a rodent found on Vancouver Island.
- ⇒ **Victoria's Owl-clover** - a plant found in a small area on the coast of southeast Vancouver Island.
- ⇒ **Western Screech-Owl *macfarlanei* subspecies** – an owl found in the southern interior of British Columbia.

Threatened

- ⇒ **Alkaline Wing-nerved Moss** - a moss found in south-central and south-eastern B.C.
- ⇒ **Great Basin Gophersnake** - a snake found in the southern interior of B.C.
- ⇒ **Great_Basin Spadefoot** - a frog found in south-central British Columbia.
- ⇒ **Showy Phlox** - a plant found in south-central British Columbia.
- ⇒ **Western Rattlesnake** - a snake found in the southern interior of British Columbia.
- ⇒ **Coastal Giant Salamander** - a salamander found in the Chilliwack River valley.
- ⇒ **Mexican Mosquito-fern** - a plant found in a small area in the southern interior of B.C.
- ⇒ **Pallid Bat** - a bat found in a small area of the Okanagan valley in southern B.C.
- ⇒ **Phantom Orchid** - a flower found in the extreme southwest of B.C.
- ⇒ **Wood Bison** - a large mammal found in northeastern B.C.

Special Concern

- ⇒ **Barn Owl, Western population (COSEWIC assessed as Threatened)** - an owl found in southwestern B.C.
- ⇒ **Peregrine Falcon, *pealei* subspecies** - a bird found on the central coast and islands of B.C.
- ⇒ **Threaded Vertigo** - a plant found on the Sunshine Coast, southern Vancouver Island, and in the southern Gulf Islands of B.C.
- ⇒ **Western Painted Turtle, Intermountain, Rocky Mountain population** - a turtle found in B.C.'s southern interior.
- ⇒ **Western Painted Turtle, Pacific Coast population** - a turtle found in the lower Fraser valley and on the south coast of B.C. including southern Vancouver Island and some of the Gulf Islands.
- ⇒ **Western Screech-Owl *kennicottii* subspecies** - an owl found on Vancouver Island along the mainland coast of B.C.

Documents posted as proposed on the Species at Risk Public Registry*Endangered*

- ⇒ **Halfmoon Hairstreak** - a butterfly found in the southern Okanagan valley.
- ⇒ **Little Brown Myotis** - a bat found throughout most of B.C.
- ⇒ **Northern Myotis** - a bat found in northeastern B.C.
- ⇒ **Oregon Forestsnail** - a snail found in the lower Fraser valley in southwestern B.C.
- ⇒ **Rocky Mountain Tailed Frog** - a frog found in southeastern B.C.
- ⇒ **Townsend's Mole** - a mammal found in a small area of B.C.'s Fraser valley.
- ⇒ **Yellow-breasted Chat *auricollis* subspecies, Southern Mountain population** - a bird found in the southern interior of B.C.

Threatened

- ⇒ **Behr's (Columbia) Hairstreak** - a butterfly found in the southern Okanagan valley.
- ⇒ **Canada Warbler** - a bird found in the northeastern corner of B.C.
- ⇒ **Common Nighthawk** - a bird found throughout most of B.C.
- ⇒ **Lewis's Woodpecker** - a bird found in the southern half of B.C.'s interior.
- ⇒ **Olive-sided Flycatcher** - a bird found throughout most of B.C., with the exception of Haida Gwaii.
- ⇒ **Smooth Goosefoot** - a plant found in southeastern B.C.

Special Concern

- ⇒ **Ancient Murrelet** - a bird that travels along the coast of B.C. and breeds in Haida Gwaii.
- ⇒ **Black-footed Albatross** - a seabird found off the coast of B.C.
- ⇒ **Monarch** - a butterfly found in southern B.C.
- ⇒ **Northern Rubber Boa** - a snake found in roughly the southern third of mainland B.C.
- ⇒ **Peregrine Falcon, *anatum/tundrius* subspecies** - a subspecies of bird found in the lower Fraser valley, the south coast, and southern islands of B.C.

Documents posted as final on the Species at Risk Public Registry*Extirpated*

- ⇒ **Pacific Pond Turtle** - a turtle previously found in southwestern B.C.

Endangered

- ⇒ **Oregon Spotted Frog** - a frog found in the lower Fraser valley in southwestern B.C.
- ⇒ **Pacific Water Shrew** - a small mammal found in the lower Fraser River valley region of southwestern B.C.
- ⇒ **Sage Thrasher** - a bird found in the southern interior of B.C.
- ⇒ **Scarlet Ammannia** - a plant found in the Osoyoos Lake area of B.C.'s southern interior.
- ⇒ **Toothcup** - a plant found in a few locations near Osoyoos and Kamloops, B.C.

Threatened

- ⇒ **Porsild's Bryum** - a moss found in northern B.C.

Special Concern

- ⇒ **Mountain Beaver** - a rodent found in the southwestern part of mainland B.C.
- ⇒ **Nuttall's Cottontail *nuttallii* subspecies** – a rabbit found in the Okanagan and Similkameen valleys of south-central B.C.
- ⇒ **Rusty Blackbird** - a bird found in the central and northern interior of B.C.
- ⇒ **Short-eared Owl** - an owl found in the Fraser River delta, the Fraser valley, and into a wide area of B.C.'s interior.
- ⇒ **Sonora Skipper** - a butterfly found in the southern interior of B.C.
- ⇒ **Spotted Bat** - a bat found in the Fraser valley and the central and southern interior of B.C.
- ⇒ **Vancouver Island Beggarticks** - a plant found in the lower Fraser valley, southern Vancouver Island, and possibly the central coast of B.C.
- ⇒ **Warty Jumping-slug** - a slug found on southern Vancouver Island.
- ⇒ **Western Harvest Mouse *megalotis* subspecies** - a mouse found in the southern interior of B.C.
- ⇒ **Western Skink** - a lizard found in the extreme southern portion of B.C.
- ⇒ **Western Yellow-bellied Racer** - a snake found in the southern and central interior of B.C.

Coastal Tailed Frog

(Special Concern)



This frog is specialized for fast waters. Adults' front feet have toes that are like claws and tadpoles have a sticky sucker. It can be tan, brown, olive green or red, and can have a reddish stripe between its eyes and snout. Coastal tailed frog tadpoles scrape algae off rocks with their rows of small teeth. Juvenile and adult frogs eat spiders, snails and insects.

HABITAT

- Cold, clear, swift mountain streams that have large, smooth stones and cobbles, and are bordered by forest
- Mountainous, damp older forest with lots of ground cover

THREATS TO SURVIVAL OR RECOVERY

- Increased sand and gravel in streams (e.g., sediment from building roads along rivers and streams)
- Habitat loss, disturbance, and fragmentation from some forestry practices
- Changes or loss in stream flow and stability
- A fungal disease spreading in frogs and salamanders

Northern Red-legged Frog

(Special Concern)



Its back is brown, grey, olive, or reddish with small black spots and flecks and two ridges down each side. The underside of its lower belly and legs are bright red, and it has gold eyes. Females can reach 10 cm (~4") long, and males less than 7 cm (~3"). Adult and juvenile Northern Red-legged Frogs eat insects and other invertebrates. Tadpoles eat mostly green algae.

HABITAT

- Slow-flowing, cool streams, ponds, marshes, or lake margins
- Aquatic plants to attach eggs to and also warmer water for tadpoles
- Mature, damp forests far from open water
- Under fallen logs, woody debris, and leaf litter to stay cool and damp

THREATS TO SURVIVAL OR RECOVERY

- Habitat loss from development
- Introduced, invasive Bullfrogs and fish that take away habitat and eat Red-legged Frogs

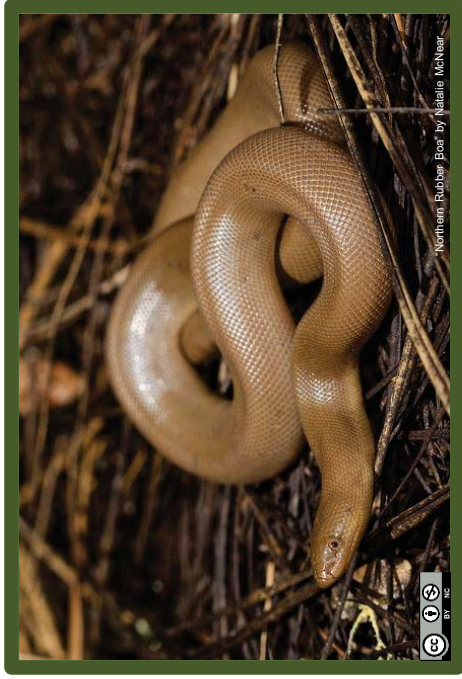


Environment
Canada

Environnement
Canada

Northern Rubber Boa

(Special Concern)



This small snake reaches a maximum length of 75 cm (30") and is the only boa in Canada. It is reddish-brown to yellow-brown on top and yellowish underneath. It looks wrinkled but has smooth scales giving it a rubbery appearance. The female Rubber Boa is on average 20% longer and almost twice as heavy as the male.

HABITAT

- Mostly rocky outcrops in forest clearings, but also stream banks, thickets, and grasslands
- Underground in rock crevices and rodent burrows where it may find prey such as rodents, rabbits, lizards and lizard eggs
- Large wood and rock cover to hide from predators and to maintain its body temperature

THREATS TO SURVIVAL OR RECOVERY

- Habitat loss from urban development, and some agriculture and forestry practices that remove large wood
- Being stuck by vehicles as they sun themselves on roads



Environment
Canada

Environnement
Canada

Western Toad

(Special Concern)



It has bumpy skin that varies in colour from olive-green, to reddish-brown, to almost black. Its belly is usually pale with black splotches. Their body is stocky and they tend to walk instead of hop. Its gold-flecked eyes have horizontal pupils.

HABITAT

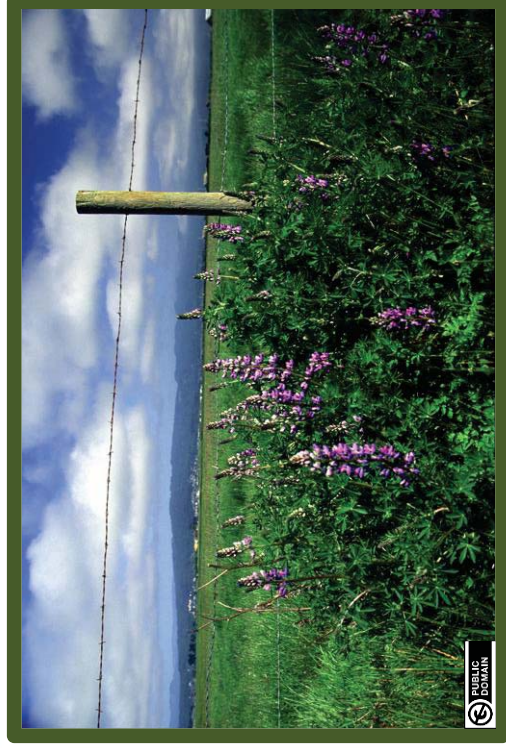
- Aquatic, spring breeding habitat: ponds and shallow areas of lakes, usually with a sandy or silty bottom
- Terrestrial, summer habitat: adults and juveniles use forests and forest openings, shrub and marsh areas and may be found long distances from water bodies
- Over-wintering habitat: Western Toads hibernate on land, typically in coniferous forests, in used cavities (e.g., rodent burrows) below the frost line

THREATS TO SURVIVAL OR RECOVERY

- Habitat loss and being run over by vehicles
- Expanding residential development
- A fungal disease spreading in frog and salamander species

Streambank Lupine

(Endangered)



The Streambank Lupine is a plant with light, bluish-purple pea-like flowers. It ranges in height from 0.3-1 m (~1-3'). Each leaf is made up of a ring of leaflets. It can only be found on the west coast of North America, from southwestern British Columbia to northwestern California.

HABITAT

- Open sandy or gravelly river or creek banks in areas with little ground cover
- Areas with seasonal flooding

THREATS TO SURVIVAL OR RECOVERY

- Introduction of invasive, non-native species
- Some agricultural and forestry practices
- Spraying herbicides, mowing, and removing brush along right-of-ways

*Note: See the recovery strategy for population and distribution objectives, a full description and maps of critical habitat, and a list of the activities likely to result in the destruction of critical habitat.

From: djbruchet [<mailto:djbruchet@dccnet.com>]

Sent: January-04-16 1:41 PM

To: gregor.robertson@vancouver.ca; mayor@surrey.ca; wbaldwin@whiterockcity.ca; jbecker@pittmeadows.bc.ca; malcolm@malcolmbrodie.com; mclay@portmoody.ca; Mayor; jcote@newwestcity.ca; jfroese@tol.ca; ljackson@corp.delta.bc.ca; ckeating@cnv.org; mooreg@portcoquitlam.ca; nread@mapleridge.ca; tschaffer@langleycity.ca; msmith@westvancouver.ca; rstewart@coquitlam.ca; rwalton@dnv.org

Subject: Mayor Gregor's Energy Reduction Plan 2050 - StarBucks & Tim Horton's - COFFE CUPS & Climate Change(S)

Metro Vancouver Mayor's Council:

For Serious Consideration and ACTION!

Regards

DJBruchet
24-3871 River Road West
Delta (Ladner), BC
V4K 3N2

From: djbruchet [<mailto:djbruchet@dccnet.com>]

Sent: Monday, December 14, 2015 7:07 AM

To: 'justin.trudeau@parl.gc.ca'; carla.ualtrough@parl.gc.ca; fifthtips@cbc.ca; 'enviroinfo@ec.gc.ca'; jane.philpott@canada.ca; jane.philpott@parl.gc.ca; 'kristy.duncan@parl.gc.ca'; 'assistance@liberal.ca'; 'premier@gov.ab.ca'; premier@ontario.ca; 'premier@gov.sk.ca'; 'premier@leg.gov.mb.ca'; 'premier@gnb.ca'; 'premier@gov.nl.ca'; premier@novascotia.ca; 'steve.thomson.mla@leg.bc.ca'; premier@gov.pe.ca; premier@gov.yk.ca; bob_mcleod@gov.nt.ca; philippe.couillard@plq.org; philipe.couillard@plq.org

Cc: 'christy@christyclark.ca' (christy@christyclark.ca); 'OfficeofthePremier, Office PREM:EX' (Premier@gov.bc.ca); enviro.minister@gov.bc.ca; 'mary.polak@leg.bc.ca'; 'terry.lake.mla@leg.bc.ca'; mike.bernier.mla@leg.bc.ca; 'suzanne.anton.mla@leg.bc.ca'; 'john.rustad.mla@leg.bc.ca'; amrik.virk.mla@leg.bc.ca; 'pat.pimm.mla@leg.bc.ca'; bill.bennett.mla@leg.bc.ca; 'stephanie.cadieux.mla@leg.bc.ca'; coralee.oakes.mla@leg.bc.ca; 'norm.letnick.mla@leg.bc.ca'; andrew.wilkinson.mla@leg.bc.ca; don.mcrae.mla@leg.bc.ca; naomi.yamamoto.mla@leg.bc.ca; 'teresa.wat.mla@leg.bc.ca'; scott.hamilton.mla@leg.bc.ca; Huntington.MLA, Vicki (Vicki.Huntington.MLA@leg.bc.ca)

Subject: StarBucks & Tim Horton's - COFFE CUPS & Climate Change(S)

Justin, et.al.

When?, repeat WHEN?, are Our Respective Governments going to Take Some Action!, to Take Any Action! – TO STOP – these, and any other, “NON-Recyclable Coffee Cups” from Continually Being added to each and every City, Municipal, and Provincial Garbage DUMPS.

As a result of their, and any others, Continually Using the Industry Standard – Paper Fibre WITH “Low-Density Polyethylene Plastic Liner”

And as investigated by CBC – Market Place AND with NO MEETINGS WITH EITHER COMPANY'S EXECUTIVES

Don Bruchet
V4K 3N2



Planning and Building Department

INTER-OFFICE MEMORANDUM

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2016 January 28

FROM: DIRECTOR PLANNING AND BUILDING

FILE: 2410 20
Reference: Environment Committee

SUBJECT: 2016 ENVIRONMENT COMMITTEE WORKPLAN

This memo outlines anticipated key environmental reports and presentations for the upcoming year for the information of the Environment Committee. The workplan reflects the advancement of the City's environmental goals and objectives through policy development, project implementation, and communication and advocacy on environmental issues. It is noted that the workplan is dynamic: based upon emerging priorities during the year, items on the workplan may change, potentially resulting in shifts in report dates, the addition of new topics, and other changes. Staff will endeavour to keep the Committee informed of changes, and provide updates to the schedule as needed.

First Quarter (January to March)

Meeting Date: February 9

- Environmental Sustainability Strategy and Community Energy and Emissions Plan – next steps (verbal update)
- 2016 Environment Week Program
- City Green Team 2016 Workplan

Second Quarter (April – June)

Meeting Dates: April 12, June 14

- Environmental Sustainability Strategy – final ESS
- Community Energy and Emissions Plan – final CEEP
- Invasive Species Management – annual update
- Environment Awards and Stars – approval of award recipients (closed report)
- World Rivers Day – preliminary proposed activities
- Solid Waste – 2014 Annual Report – presentation and report on-table
- Drinking Water Quality – 2014 Annual Report

Chair and Members

Subject: 2016 Environment Committee Workplan

2016 January 28..... Page 2

Third Quarter (July – September)

Meeting Date: September 13

- Environmental Sustainability Strategy – Implementation Plan
- Deer Lake Integrated Watershed Management Plan (IWMP)
- Hastings Integrated Watershed Management Plan (IWMP)
- Glenbrook Integrated Watershed Management Plan (IWMP)

Fourth Quarter (October – December)

Meeting Date: November 8

- Environment Awards 2017 – call for nominations
- Community Energy and Emissions Plan – Implementation Plan

For further details about this schedule, Committee members may contact Lise Townsend, Ecosystem Planner.



Lou Pelletier, Director
PLANNING AND BUILDING

LT/sla

R:\Long Range Clerical\DOCS\LT\Memos\Memo to EC re 2016 Workplan.docx



Meeting 2016 Feb 09

COMMITTEE REPORT

TO: CHAIR AND MEMBERS
ENVIRONMENT COMMITTEE

DATE: 2016 February 02

FROM: DIRECTOR PLANNING AND BUILDING

FILE: 33000-01
Reference: Environment Week

SUBJECT: 2016 ENVIRONMENT WEEK PROGRAM

PURPOSE: To seek approval for the 2016 Environment Week Program and the Environmental Awards and Stars Reception.

RECOMMENDATIONS:

1. **THAT** Council approve the 2016 Environment Week Program.
2. **THAT** Council approve the presentation of Environmental Awards and Stars at the Regular Council meeting on May 16, 2016.
3. **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.
4. **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 awareness, stewardship and environmental sustainability of our natural and built environments through a range of environmentally-themed 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.

Environment Week 2016 is proposed to be scheduled for a two week period, from Saturday, May 28 to Sunday, June 12, to coincide with Canadian Environment Week and World Environment Day on June 5. The City's annual Environmental Awards and Stars Reception is proposed to be held on Monday, May 16 at City Hall as part of a Regular Council meeting. The call for nominations for the 2016 program was previously approved by Council and is presently open until February 29.

To: *Environment Committee*
 From: *Director Planning and Building*
 Re: *2016 Environment Week Program*
 2016 February 02..... Page 2

2016 is the 20th anniversary of the Environment Week and Environmental Awards Programs. Established from recommendations contained in the City's State of the Environment Report (1993), these programs continue to be an important part of how the City promotes and supports environmental stewardship and sustainability.

This report seeks Council approval for the 2016 Environment Week Program and the Environmental Awards and Stars Reception to be hosted just prior to the Regular Council Meeting on Monday, May 16. 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 ENVIRONMENT WEEK PROGRAM

Scheduling

The 2016 Environment Week Program is proposed to begin on Saturday, May 28 and end on Sunday, June 12, which extends Environment Week to two weeks, rather than one week as in previous years. 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 4 this year and the first Saturday in June every year).

A two week schedule will help to spread weekend events such as the Environment Festival, the City-wide Garage Sale and the Eco-Centre Open House to different days, whereas previously they were held on the same Saturday so as not to conflict with Hats Off Day. The longer time frame also provides 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 be organized around a two week period (Saturday, May 27 and ending on Sunday, June 11 in 2017, 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.

2016 Environment Week Program

The core elements of the City's annual Environment Week Program are mainly organized by City of Burnaby departments. The remainder of the program consists of various environmentally themed, free public events and activities organized by the City's community environmental partners.

While many of the events and activities will be recognizable, the program aims to offer some new events from year to year, to showcase new City-led environmental initiatives and to use the creative energy of our community environmental partners.

The 2016 Environment Week Program described below includes the core elements and those events and activities that have been confirmed. Based on Council approval of the program as

To: Environment Committee
 From: Director Planning and Building
 Re: 2016 Environment Week Program
 2016 February 02..... Page 3

outlined in this report, promotion of the program will begin in March and continue through May. During that time, core elements will be planned in more detail and new events and activities may be added. A description and schedule of the final program will be provided for information to the Environment Committee at the meeting scheduled for April 12.

Core Elements

- ***Burnaby Environment Festival, Saturday, May 28***

This one day event will 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, guided eco-tours to the nearby Great Blue Heron colony, and live music.

Participating in the festival this year will be the BC Recycles Ambassador Team. The team represents all provincial recycling stewardships under a single banner, including the BC Used Oil Management Association, Tire Stewardship of BC, Return-It, Call2Recycle, Regeneration, Health Products Stewardship Association, ElectroRecycle, Electronic Products Recycling Association, and Canadian Battery Association. Burnaby's Environment Festival will serve as the kick-off event for the BC Recycles Ambassador Team's summer tour across BC.

Water conservation is proposed to be an organizing theme of this year's festival. Festival programming will include the display of selected works of art submitted to the City as part of our Engineering Department's water conservation poster contest, presently underway and open to School District 41 elementary students (*see Attachment #1*) and high school students (*see Attachment #2*). In response to last summer's drought-like conditions, sprinkling regulations across Metro Vancouver will take effect on May 1, one month earlier than in years' past. The Environment Festival will provide a timely opportunity to raise awareness of this change to the sprinkling regulation and what individuals can do to conserve water at home.

The Environmental Passport promotion will again be incorporated into the festival. The passport will contain a list of environmentally themed questions from the exhibitors attending the festival. To be eligible to win prizes at Environment Festival, members of the public must visit the exhibits and answer the questions on their passport. Draws for prizes will be scheduled for every ½ hour and will consist of water conservation kits and rain barrels and coupons that can be spent at the nearby Farmers Market. Passport questions will focus on water conservation, festival exhibitors and the BC Recycles program.

Lastly, Burnaby Public Library plans to host a pop up library at Environment Festival. A pop up library is a satellite library that is brought into the community. An environmental theme is planned.

To: Environment Committee
 From: Director Planning and Building
 Re: 2016 Environment Week Program
 2016 February 02..... Page 4

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 4.0 of this report).

- ***City-sponsored Garage Sale Day Event, Saturday, May 28***

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 4.0 of this report).

- ***Birding by Ear Workshop, Sunday, May 29***

Coordinated by Parks, Recreation and Cultural Services, this will be an interactive workshop for the burgeoning birder interested in identifying birds by ear. A biologist will lead the event. Pre-registration will be required.

- ***2016 Spring Bike to Work Week, May 30 to June 5 (National Clean Air Day, June 1)***

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 Work Week will be promoted to staff and to City residents through the City's social media channels. A celebratory event at City Hall will be considered for National Clean Air Day on Wednesday, June 1.

- ***Deer Lake Guided Canoe Trips, consecutive Tuesday evenings, May 31 and June 7***

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

- ***Commuter Challenge, June 5 to June 11***

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.

- ***Open House at the Burnaby Eco-Centre, Saturday, June 11***

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.

To: Environment Committee
 From: Director Planning and Building
 Re: 2016 Environment Week Program
 2016 February 02..... Page 5

- ***Car Trunk Sale, Environment Week edition, Bill Copeland Sports Centre, Saturday, June 11***
 This annual event, organized by Parks, Recreation and Cultural Services, encourages waste reduction by promoting reuse of ordinary household items.
- ***Kids Stuff Swapmeet, Environment Week edition, Willingdon Community Centre, Saturday, June 11***
 This annual event, organized by Parks, Recreation and Cultural Services, encourages waste reduction by promoting reuse of previously owned items for children.
- ***Great Blue Heron Colony Tour, Sunday, June 12***
 Coordinated by Parks, Recreation and Cultural Services, this event will consist of a short presentation at the Burnaby Village Museum, followed by a field tour of the nearby Great Blue Heron Colony. The talk and tour will be led by a biologist. Pre-registration will be required.

Additional programming around City initiatives, such as the Environmental Sustainability Strategy, may be developed if opportunities arise.

Events and Activities of Community Partners

- ***Mandarin language nature tour of Central Park, Saturday, May 28***
 For the last two years, free nature tours of different Burnaby parks have been led by Mandarin speaking naturalist, Joseph Lin, of the Green Club of Vancouver. The tour is typically one of the most well attended events. The 2016 tour will take place in Central Park.
- ***Upper Still Creek Watershed Tour, Sunday, May 29***
 City staff will team with the Still Moon Arts Society to offer a historical tour of Upper Still Creek watershed, beginning in Central Park and including Renfrew Ravine in Vancouver. Developing a separate tour of lower Still Creek in Burnaby is under consideration.
- ***Wildlife Photography Workshop, Monday evening, May 30***
 The City will team with renowned local wildlife photographer, Connor Stephanison, to offer a free wildlife photography workshop, tentatively planned for Burnaby Lake Regional Park.
- ***Uncover Your Creeks at Jim Lorimer Park, Saturday, June 11, 9am to 12pm***
 Offered by Evergreen, a national non-profit environmental organization, this program encourages residents to learn about their local watershed and take action toward protecting it. Presently offered in six watersheds across Metro Vancouver, a staff person from Evergreen leads the program in Burnaby at Jim Lorimer Park and nearby Chub Creek on the second Saturday of every month.
- ***Burnaby Lake Park Association, Weed-Buster events, (time and date to be determined)***
 In addition to participating as an exhibitor at Environment Festival, the Burnaby Lake Park Association typically offers one or two Weed-Buster events that are open for public participation to remove invasive plant species.

To: Environment Committee
 From: Director Planning and Building
 Re: 2016 Environment Week Program
 2016 February 02..... Page 6

- ***Stream Stewardship at Greystone Village, (time and date to be determined)***
 Eagle Creek Streamkeepers plan to organize this annual stream stewardship event as part of Environment Week. The event typically consists of a creek clean-up, informative displays and storm drain marking.
- ***Burnaby Food Forum, Burnaby Food First, (time and date to be determined)***
 Burnaby Food First, a group of community members and local agencies, and with staff representation, work together to bring food security to Burnaby. They plan to organize a food forum to discuss the status of food security in Burnaby. The forum will be open to the public.

Each year, many other City community partners participate in Environment Week. These community partners include Byrne 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 Burnaby HUB: Your Cycling Connection. These partners, and others, will be contacted and invited to participate in this year's program.

3.0 ENVIRONMENTAL AWARDS AND STARS RECEPTION

The call for nominations for the 2016 Environmental Awards Program was approved by Council in November 2015. The nomination period opened on January 18 and closes on February 29.

In past years, the awards were presented at a reception held at the Burnaby Lake Rowing Pavilion in mid-June on a Sunday, during or after Environment Week. For 2016, it is proposed the awards be presented at the Regular Meeting of Council on Monday, May 16. The awards would be presented at the beginning of the meeting and would be preceded by a reception hosted outside of Council Chambers prior to the meeting getting underway at 7 pm. The evening would be organized in the same way as the awards presentation for the City's Local Heroes Program. The City's environmental community will be invited to attend the reception and the presentations. The event will help promote Environment Week, which is less than two weeks later.

Presenting the awards and hosting the reception as part of a Regular Meeting of Council will help raise the profile of the Environmental Awards Program and celebrate the program's 20th anniversary. Council approval is sought for expenditure from the Boards, Committees and Commissions' budget to support this event (more detail is provided in Section 4.0 of this report).

The 20th anniversary of the program will also be celebrated by using a new photograph to create the Environment Award presented in each category. In previous years, each award winner received a framed photograph of Deer Lake, taken and generously donated by Fred Chapman, a long-standing member of the Burnaby Photographic Society (BPS). This year, Mr. Chapman has graciously agreed to his photo being retired and the BPS has agreed to donate eight (8) new photos, selected by the BPS from the portfolios of its members, for the City to use to create the new Environmental Award in each category.

To: *Environment Committee*
 From: *Director Planning and Building*
 Re: *2016 Environment Week Program*
 2016 February 02..... Page 7

As has been done in previous years, corporate sponsorship will be sought to provide supplementary support for the Environment Week Program and the Environmental Awards and Stars Reception. 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.

4.0 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 are proposed to begin in mid-March and continue through May. During that time, details of many program offerings will be finalized and new events and activities may be added.

The 20th Anniversary of Environment Week (and the Environmental Awards Program) will be recognized on all promotional materials and advertisements. To celebrate the anniversary and promote Environment Week, it is proposed that City staff will use eight photographs provided by the Burnaby Photographic Society to create a contest in which the photos are posted online and the public is invited to vote for their favorites. The photo or photos receiving the most votes will be used to create the 2016 Environmental Award in each of the six categories. This promotion is proposed to begin and conclude in April.

Increased 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-March 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 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.

The requested expenditures are outlined below.

City sponsored Garage Sale Day Event

- 2016: \$3,000

To: Environment Committee
 From: Director Planning and Building
 Re: 2016 Environment Week Program
 2016 February 02..... Page 8

Environment Week Program

- 2016: \$5,800

As compared to 2015, a reduced funding request is being sought for print advertising, as there is now one community newspaper. The total amount of funds requested for 2016 is \$8,800, \$3,975 less than the previous 2015 request.

5.0 CONCLUSION

The Environment Week Program celebrates Burnaby's ongoing commitment to environmental sustainability and shared stewardship of our natural and built environments. This year's program builds on recent past successes. Proposed changes to extend the annual program over two weeks and present the Environmental Awards and Stars at a Regular Meeting of Council are expected to enhance the experience for the public and raise the profile of the Environmental Awards Program. Establishing the dates for Environment Week for 2017 will help with promotion and to establish the program as an annual event in the community.

The final schedule and program for 2016 Environment Week will be presented for information to the Environment Committee at their meeting in April.

It is recommended that the Committee seek Council approval of the 2016 Environment Week Program and the proposal to host a reception and present Environmental Awards and Stars at the Regular Meeting of Council on May 16, 2016. 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

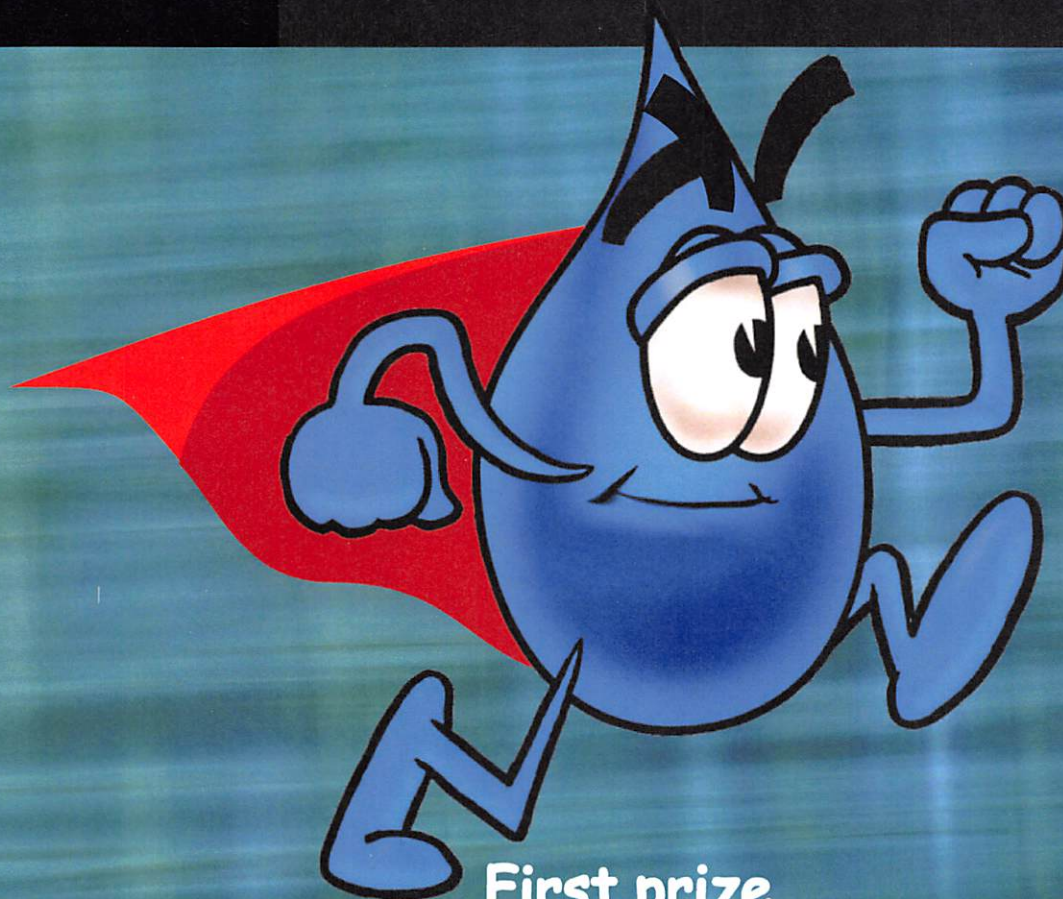
MS/sla/sa

Attachments

cc: City Manager
 Director Engineering
 Chief Librarian
 Officer in Charge, RCMP
 City Clerk
 President, CUPE Local 23

Deputy City Managers
 Director Finance
 Director Parks, Recreation and Cultural Services
 Fire Chief
 Manager, Environmental Engineering

WATER CONSERVATION POSTER CONTEST 2016



First prize

Artwork displayed on a bus shelter

Second prize

Artwork displayed on an Eco-Media Bin

Rules: contest is open to Grades 4 to 7 students of public Elementary Schools in Burnaby. One original artwork per student will only be accepted. The poster must convey a water conservation message either at home or in your community. The poster must include the title "Save Every Drop"

Entries: 8.5 x 10 poster paper. No colour paper backgrounds please.

Entry deadline: March 11, 2016 at 4pm

Submissions: Please submit your poster along with the completed application form to the City of Burnaby Engineering Department located on the 4th Floor at 4949 Canada Way, V5G 1M2.

For tips and ideas for your poster, please visit our City of Burnaby water conservation website at www.burnaby.ca/waterconservation



www.facebook.com/cityofburnaby



-34-



@cityofburnaby

WATER CONSERVATION POSTER CONTEST 2016

First prize
using your artwork for a mural

Second prize
displaying the artwork in a bus shelter

Third prize
displaying the artwork in an eco-media bin

Rules: contest is open to all public high school students (grades 8-12). One original artwork per student will only be accepted. The poster must convey a water conservation message either at home or in your community. The poster must include the title "Conserve Water, Conserve Life"

Entries: 11 x 17 poster paper. No colour paper backgrounds please.

Entry deadline: March 11, 2016 at 4pm

Submissions: Please submit your poster along with the completed application form to the City of Burnaby Engineering Department located on the 4th Floor at 4949 Canada Way, V5G 1M2.

For tips and ideas for your poster, please visit our City of Burnaby water conservation website at www.burnaby.ca/waterconservation



www.facebook.com/cityofburnaby



-35-



@cityofburnaby



Meeting 2016 Feb 09

COMMITTEE REPORT

TO: CHAIR AND MEMBERS ENVIRONMENT COMMITTEE **DATE:** 2016 February 02

FROM: DIRECTOR FINANCE **FILE:** 2410-20

SUBJECT: SUSTAINABLE PURCHASING INITIATIVES – CITY GREEN TEAM

PURPOSE: To report on 2015 City Green Team initiatives and to seek Council's endorsement of the proposed 2016 Work Plan.

RECOMMENDATIONS:

1. **THAT** Environment Committee request Council to authorize the City Green Team to proceed with the proposed 2016 Work Plan Initiatives.

REPORT**1.0 BACKGROUND**

The Sustainable Purchasing Guidelines were adopted by Council in 2008 October to help ensure that City purchasing decisions include consideration of factors that will support the City in reducing environmental impact, encouraging social improvement, and leveraging fiscal responsibility.

The City's Green Team assists in advancing sustainable purchasing initiatives beyond the City's numerous current practices. These practices provide a sound foundation for the development of sustainable processes across all departments, divisions, and offices at the City.

2.0 OVERVIEW OF ACTIVITIES IN 2015**2.1 *Communications/Education/Awareness***

Education and awareness were key priorities for the Green Team in 2015. The Team utilized the SAP Portal to distribute and store all Team communications including the Monthly Highlights bulletins and staff workshop/presentations.

To: Environment Committee
 From: Director Finance
 Re: SUSTAINABLE PURCHASING INITIATIVES – CITY GREEN TEAM
 2016 February 02 Page 2

Monthly Highlights bulletins included, amongst others, the following topics:

- Employee Transit Incentive Program
- Water Conservation Tips—Be Water wise
- Stay Bright by Daylight
- Workplace Conservation Awareness—Survey/Results
- 12 Days of Christmas Campaign—Energy Conservation
- BC Commuter Challenge/Bike to Work Week
- Phantom Power Tips

With the ongoing development of the Environmental Sustainability Strategy (ESS), the Green Team selected the ESS “Conserve” theme petal for its 2015 activities and communications.

2.2 Workplace Conservation Awareness Campaign

In collaboration with the City’s Energy Management personnel in Engineering, and sponsorship from BC Hydro, an energy conservation campaign was launched with a focus on staff’s actions to reduce energy consumption and change behaviours through engaging and fun activities. Over the course of the year several initiatives were undertaken to remind us all about ways to reduce and conserve energy. Some of these included:

- Earth Hour – March 2015;
- “Energy Myths Shattered” – Test your Energy Knowledge;
- “Stay Bright by Daylight” campaign whereby staff were asked to work by natural daylight.

In the field preliminary plans were developed regarding conservation ideas and suggestions for the Building Service Workers, Food Services staff, and Park Patrollers. Focus was on day to day duties, and how staff can impact energy conservation with a few minor adjustments in their reporting of activities.

2.3 Printing Equipment Assessment

The Green Team, in collaboration with Information Technology staff and user departments, continued efforts to consolidate the volume of printing to the City’s multi-function printing devices, reducing the amount of peripheral smaller printers. This ongoing project has produced the following results from the 2009 baseline numbers:

- 35% less printing devices
- 24% less volume of prints
- 51% less single-function devices
- 23% more volume allocated to multi-function devices (copier/scanner/fax)

To: Environment Committee
 From: Director Finance
 Re: SUSTAINABLE PURCHASING INITIATIVES – CITY GREEN TEAM
 2016 February 02 Page 3

2.4 Food Recovery Program

A food recovery pilot program with the Burnaby Mountain Clubhouse was initiated through participation in the Greater Vancouver Food Bank Society's "Community Angels" Food Runners Program. The program facilitated the donation of nourishing food to local meal providing agencies—food that would otherwise have gone to waste. The program was quickly expanded to include Riverway Clubhouse with its volume of food preparation and catering functions. The program began in earnest in May 2015 following process adjustments, and set ups at these facilities.

In 2015, it is estimated that more than 200 pounds of food were recovered and donated to local meal providing agencies. The Food Services Division, in concert with the Green Team are working to expand the program to include other City locations and assist other local groups. The program is an effective way for the City to reduce its environmental impact while helping to encourage social improvements and fiscal responsibility.

3.0 PROPOSED 2016 WORK PLAN INITIATIVES

For 2016, the City Green Team proposes to continue its efforts along the same themes as in 2015, with additional focus on the Workplace Conservation Awareness Campaign through a number of engaging activities with staff. The Green Team will also strengthen and expand the work stemming from the initial Food Runners Program and look to further support the Food Services Division in its efforts to not only reduce food waste but to support an active food recovery program for local agencies.

Through the work of the Environment Committee, there is a clear desire to ensure that the City remains at the forefront of a sustainable approach in all its initiatives. The Green Team is providing staff with a forum for environmental stewardship by focusing on the economic, environmental and social aspects of purchasing decisions using the City's Sustainable Purchasing Guidelines.

It is recommended that Environment Committee request Council to authorize the City Green Team to proceed with the proposed 2016 Work Plan Initiatives.



Denise Jorgenson
 DIRECTOR FINANCE

DJ:GC /ts

Copied to: City Manager
 Deputy City Manager (2)
 Director Building and Planning
 Director Engineering
 Director Parks, Recreation and Cultural Services
 Fire Chief
 Chief Librarian
 OIC, RCMP