

AGENDA

REGULAR MEETING OF THE ADVISORY COMMITTEE ON ENVIRONMENTAL SUSTAINABILITY
SERVICE AND RESOURCE CENTRE BOARD ROOM, 411 DUNSMUIR STREET
WEDNESDAY, 2014-MAR-12, COMMENCING AT 4:30 P.M.

CHAIR: COUNCILLOR DIANE BRENNAN

1. **CALL THE REGULAR MEETING OF THE ADVISORY COMMITTEE ON ENVIRONMENTAL SUSTAINABILITY TO ORDER:**

2. **INTRODUCTION OF LATE ITEMS:**

3. **ADOPTION OF AGENDA:**

(Motion required to adopt the agenda)

4. **ADOPTION OF MINUTES:**

Minutes of the Regular Advisory Committee on Environmental Sustainability Meeting held Wednesday, 2014-FEB-19, at 4:39 p.m., in the Service and Resource Centre Board Room.

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(Motion required to adopt minutes)

5. **PRESENTATIONS:**

- (a) Deborah Beck, Program Coordinator, and Rob Lawrance, Environmental Planner, Parks, Recreation and Environment, presenting an overview of the department's current programming on environmental education, including watercourse and riparian area awareness.

6. **CHAIR'S REPORT:**

7. **STAFF REPORTS:**

- (a) **Parks, Recreation and Environment Department
Preliminary Environmental Services Framework
R. Lawrance, Environmental Planner**
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Purpose: To seek input from the Committee on a preliminary framework for the Environmental Services Framework.

Staff Recommendation: That the Advisory Committee on Environmental Sustainability provide input and receive for information.

8. **CORRESPONDENCE:**

- (a) Public Lecture at VIU, Wednesday, 2014-MAR-12, 7:00pm to 8:00pm, regarding Gardens Aflame: Garry Oak Meadows of BC's South Coast. Pg. 7
- (b) Public Lecture at VIU, Wednesday, 2014-APR-09, 7:00pm to 8:00pm, regarding VIU Bird Monitoring and Banding Project at Buttertubs West Marsh. Pg. 8
- (c) Brant Wildlife Festival, Opening Night Celebration, Saturday, 2014-MAR-01, at 5:00pm at the Quality Resort Bayside. Pg. 9

9. **NOTICE OF MOTION:**

10. **OTHER BUSINESS:**

(Motion required to review other business)

11. **QUESTION PERIOD:** *(Agenda Items Only)*

12. **ADJOURNMENT:**

MINUTES

REGULAR MEETING OF THE ADVISORY COMMITTEE ON ENVIRONMENTAL SUSTAINABILITY
SERVICE AND RESOURCE CENTRE BOARD ROOM
WEDNESDAY, 2014-FEB-19, AT 4:30 P.M.

PRESENT: Councillor D. Brennan, Chair

Members: S. Serebin
S. DeBoer
A. Kerr
T. Perry
W. Wells

Regrets: S. Andre
C. Dalrymple
G. Hunter
C. Tant

Staff: R. Harding, Director, Parks, Recreation and Environment
R. Lawrance, Environmental Planner
J. Farrell, Recording Secretary

Guest: Councillor F. Pattje

1. CALL THE OPEN MEETING TO ORDER:

The Regular Meeting was called to order at 4:39 p.m.

2. ADOPTION OF AGENDA:

It was moved and seconded that the Agenda, as amended, be adopted. The motion carried unanimously.

3. ADOPTION OF MINUTES:

It was moved and seconded that the Minutes of the Regular Advisory Committee on Environmental Sustainability Meeting held Wednesday, 2014-FEB-12 at 4:35 p.m. in the Service and Resource Centre Board Room be adopted as circulated. The motion carried unanimously.

4. STAFF REPORTS:

- (a) Riparian Area Setback Variance Policy Review
R. Lawrance, Environmental Planner

It was moved and seconded that the Advisory Committee on Environmental Sustainability endorse and recommend to Council the revisions and guidelines as

developed through the Riparian Area Setback Policy Review as presented in Appendices A, B, and C. The motion carried unanimously.

- (b) ACES 2014 Work Plan
R. Lawrance, Environmental Planner

It was moved and seconded that the Advisory Committee on Environmental Sustainability recommend that Council approve the Committee's 2014 Work Plan, as revised. The motion carried unanimously.

5. ADJOURNMENT:

It was moved and seconded at 6:48 p.m. that the meeting adjourn. The motion carried unanimously.

CERTIFIED CORRECT:

D. Brennan, Chair
Advisory Committee on Environmental Sustainability

R. Harding, Director
Parks, Recreation and Environment

2014-MAR-06
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**PARKS, RECREATION AND ENVIRONMENT
PRELIMINARY ENVIRONMENTAL SERVICES FRAMEWORK**

Building from the direction provided in the Corporate Strategic Plan and the Official Community Plan, Environmental Services promotes the conservation and enhancement of Nanaimo's natural environment. It achieves this through the development application process, the development and administration of new environmental policies and bylaws, and through environmental stewardship and outreach programs that create greater awareness, understanding and involvement in the community.

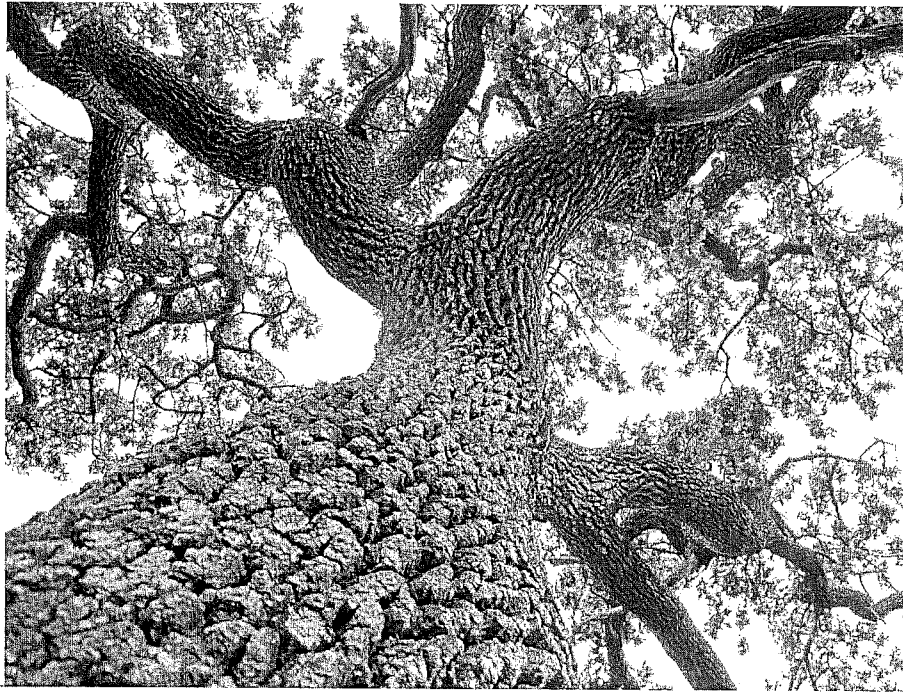
Focus Area	Sub-Element	Objectives
Urban Growth and Development	Conservation and Protection of Natural Spaces	<ul style="list-style-type: none"> Natural area restoration and enhancement (i.e. invasive species control, etc.) in the Parks system Protection of ESAs (emphasis on rare and endangered species) Protection of watercourses / riparian areas
	Green Design	<ul style="list-style-type: none"> Environmental review of urban development (green design guidelines, staff referrals) Environmental rehabilitation and protection of degraded sites Ecologically appropriate landscaping (Xeriscaping, etc.) Erosion and Sediment Control Stormwater Mitigation / Rainwater Management
	Alternative Transportation	<ul style="list-style-type: none"> Promote the use of transit, walkability and cycling (Bike to Work/ School Week)
Environmental Quality	Air Quality and Climate Change	<ul style="list-style-type: none"> Reduce production of greenhouse gases (Mitigation) Prepare for a Changing Climate (Adaptation)
	Water Quality	<ul style="list-style-type: none"> Support and promote water conservation Improve erosion and sediment control training opportunities and enforcement measures
	Solid Waste	<ul style="list-style-type: none"> Support and help promote waste management and reduction

City Operations	City buildings / Vehicle Fleet	<ul style="list-style-type: none"> Promote fuel efficiency, GHG reductions, Fleet right sizing
	City Works	<ul style="list-style-type: none"> Provide training and support to operations staff on minimizing environmental impacts and improving knowledge of habitat restoration and enhancement Development best practices in planning and maintenance of all activities undertaken through Parks, Recreation and Environment and Public Works (i.e. Trail maintenance, Beaver management etc.) Manage our Urban Forests and ESAs in a manner that balances the need to protect the public from wildfire threats, while maintaining or enhancing the biodiversity of our natural spaces.
	Goods and Services	<ul style="list-style-type: none"> Provide the opportunity for consideration of environmental appropriateness in the procurement of goods and services through the City's Purchasing Bylaw
Stewardship and Education	Shared Stewardship	<ul style="list-style-type: none"> Help establish and maintain environmental performance measures (i.e. CARIP reports on GHG emissions) Coordinate with federal, provincial and other municipal levels of government on education and training (i.e. SEAR, Invasive plant management training). Liason with schools, community groups and individuals to participate in environmental stewardship in Nanaimo (VIP – Invasive Species Management, Bike to School) Encourage and support environmental awareness opportunities for the public, through art, education and building design As opportunities arise, provide training and support for City staff on environmental best management practices

g:\env section framework

Free Public Lecture

Gardens Aflame: Garry Oak Meadows of BC's South Coast



Maalea Acker
University of Victoria

Garry oak ecosystems were tended by First Nations for thousands of years before the arrival of Europeans to BC's coast. Today, less than 4% of these ecosystems remain intact. Maleea Acker, author of *Gardens Aflame: Garry Oak Meadows of BC's South Coast*, will present examples of the resurgence of these "gardening" efforts, including controlled burning on the Cowichan Garry Oak Preserve, the ethical and scientific issues and dilemmas associated with restoration projects and the story of her contentious efforts to recreate a meadow in her own front yard. Despite obstacles, restoration efforts are proving the resilience of these ecosystems in the face of climate change, and that native plant restoration and gardening is a viable alternative both in urban and rural areas. The presentation will include images from the author's research for her book.

Maleea Acker is the author of two books of poems, The Reflecting Pool and Air-Proof Green (Pedlar Press, 2009 & 2013), and one book of essays, Gardens Aflame: Garry Oak Meadows of BC's South Coast (New Star Books, 2012). She holds an MFA in Writing and has received fellowships to arts residencies in Canada, the US, Spain and Mexico. She is currently completing an MA in English at the University of Victoria and lives and works as a freelance journalist in Victoria.

Wednesday, March 12, 2014

7:00 - 8:00 p.m.

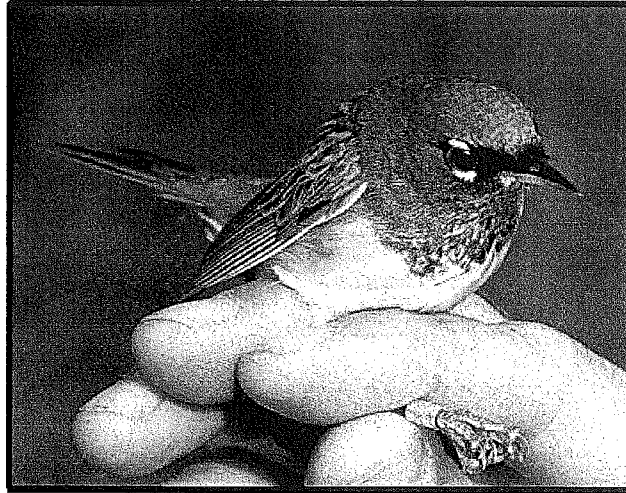
Vancouver Island University, Building 356, Room 109



VANCOUVER ISLAND
UNIVERSITY

Free Public Lecture

VIU Bird Monitoring and Banding Project at Buttertubs West Marsh



**Dr. Eric Demers,
Vancouver Island University**

Environmentally sensitive parklands in urban settings can serve as “oases” with high conservation values in otherwise fragmented landscapes. These green spaces can provide important breeding, stopover and wintering habitats for songbirds. The Buttertubs Marsh wetland complex located within the City of Nanaimo, BC, is an example of a productive urban parkland habitat with significant ecological value. This 53-hectare urban park, jointly managed by the City of Nanaimo, Ducks Unlimited Canada and the Nature Trust of BC, encompasses a mixture of ecosystem types, including marsh, riparian areas, upland forest and old-field habitats. In 2013, Vancouver Island University established a bird banding project at Buttertubs Marsh, with objectives to: (1) monitor use of the park by migrant, breeding and resident birds; and, (2) provide practical educational and training opportunities for students and community volunteers. Mist netting and songbird banding activities were conducted during 62 days between March and October 2013, and results from this first year of study already highlight the importance of the Buttertubs Marsh wetland complex for songbirds. In addition, over 50 volunteers contributed more than 2,000 hours to this project and received training in bird monitoring and banding techniques.

Eric is a professor in the Biology Department at Vancouver Island University since 2001. He completed a Bachelor of Science at McGill University and a doctorate at York University. Although most of his graduate research and early career has focused on freshwater ecology, he has always been keenly interested in birds. After taking a bird banding workshop in 2008, he became increasingly interested in developing bird banding capacity at Vancouver Island University. This project came to fruition during a sabbatical in 2013, and will hopefully continue for years to come.

Wednesday, April 9, 2014

7:00 - 8:00 p.m.

Vancouver Island University, Building 356, Room 109



**VANCOUVER ISLAND
UNIVERSITY**

Brant Wildlife Festival

March & April
2014

Opening Night Celebration

Saturday, March 1 @ 5 p.m.

Quality Resort Bayside

\$25 per person

burger and a beverage included

Live Music | Silent Auction | Nature Photo Display

Get your tickets at Quality Resort Bayside

Hosted by The Nature Trust of BC

a celebration
of nature

www.brantfestival.bc.ca • 1-866-288-7878

Seeking a Balance Tour

March 1, 8:30 a.m. to 1 p.m.
Pre-register: \$150 per person
1-866-288-7878 ext. 226 or
rivers@naturetrust.bc.ca

The Lion The Bear The Fox in Concert

March 1, Show at 8 p.m.
Tidal Room, Quality Resort Bayside
Presented by Arbutus Events
Tickets: \$20 in advance, \$25 at the door
Available at Lockhart Collection,
Quality Resort Bayside &
www.arbutusevents.ca

Herring Spawn Boat Tours

March 2, Morning tour 10 a.m. to 12 p.m.
Afternoon tour 1:30 p.m. to 3:30 p.m.
VIU Deep Bay Marine Field Station
Pre-register: \$100 per person
1-866-288-7878 ext. 226 or
rivers@naturetrust.bc.ca

Brant in the Bay

March 2, 11 a.m. to 3 p.m.
Parkville Community Park
Hosted by Arrowsmith Naturalists
Free

Dine for Nature

Every Wednesday in March
The Beach Club Resort
Reservations recommended: 250-947-2109

Graham Beard, Fossils of Vancouver Island

March 6, 7 p.m. to 9 p.m.
VIU Deep Bay Marine Field Station
\$10 per person, tickets at the door

Wildlife Photography Workshops for Kids

March 8 & March 15,
10 a.m. to 2 p.m.
Parkville Museum & Archives
located in Craig Heritage Park
Ages: 8 - 15, \$5 per child
Pre-register: reception@parkvillemuseum.ca

Herring Spawn/Wildlife Tour

March 9, 9 a.m. to 1 p.m.
Hosted by Pacific Rainforest Adventure Tours
Pre-register: \$25
250-248-3667 or
mail@rainforestnaturehikes.com

Spring Harvest Evening of Celebration

March 10, doors open at 5 p.m.
VIU Deep Bay Marine Field Station
Reservations required: 250-740-6611

Nature & Wildlife Art Show

March 10 - April 14
VIU Deep Bay Marine Field Station
Sponsored by Salish Sea Market

Russell Canning, Big Year

March 14, 7 p.m. to 9 p.m.
VIU Deep Bay Marine Field Station
\$10 per person, tickets at the door

Brantastic Tours

March 16 & 23, 9 a.m. to 1 p.m.
Hosted by Pacific Rainforest Adventure Tours
Pre-register: \$25 per person, per tour
250-248-3667 or
mail@rainforestnaturehikes.com

Spring Break Kids Camp

March 17 to 21, 9 a.m. to 3 p.m.
Rathrevor Beach Provincial Park
Ages 6 - 11, \$40 each day or \$180 for week
Pre-register at 250-478-9414

Fishy Fun Camps

March 19 & 26, 9:30 a.m. to 4 p.m.
VIU Deep Bay Marine Field Station
Ages 6 - 8, \$55 per child, per day
Pre-register: 250-740-6611

Ocean Adventures Camps

March 20 & 27, 9:30 a.m. to 4 p.m.
VIU Deep Bay Marine Field Station
Ages 9 - 12, \$55 per child, per day
Pre-register: 250-740-6611

Bill Merilees, Penguins of the Antarctic

March 20, 7 p.m. to 9 p.m.
VIU Deep Bay Marine Field Station
\$10 per person, tickets at the door

Kids Day Open House

March 22, 10 a.m. to 4 p.m.
VIU Deep Bay Marine Field Station
Free

Dr. Dick Beamish, Strait of Georgia & its Fishes

March 27, 7 p.m. to 9 p.m.
VIU Deep Bay Marine Field Station
\$10 per person, tickets at the door

Paula Wild, The Cougar

April 3, 7 p.m. to 9 p.m.
VIU Deep Bay Marine Field Station
\$10 per person, tickets at the door

Fish Hatchery Open House

April 5 & 6, from 10 a.m. to 2 p.m.
Marion Baker Hatchery, French Creek
Free

Shellshocked & Ocean Acidification

April 10, 7 p.m. to 9 p.m.
VIU Deep Bay Marine Field Station
\$10 per person, tickets at the door

Freedon Flight - Eagle Release

April 12, 11 a.m. to 3 p.m.
North Island Wildlife Recovery Centre
By donation


Hamilton Marsh Tour

April 20, 10 a.m. to 2 p.m.
Hamilton Marsh, Qualicum Beach
By donation

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myPQB.ca for event info & locations

 @brantfestival

 facebook.com/BrantWildlifeFestival