



A Partner in Sustainability

Fraser Basin Council Update

Columbia-Shuswap Regional District | April 18, 2019

Chair Colin Hansen &
Senior Regional Manager Mike Simpson



About FBC

Non-profit founded in 1997

Mandate is to advance sustainability
in the Fraser Basin and throughout BC

Board reflects all orders of government together with
& civil society

Guided by a Charter for Sustainability

Primary roles are Sustainability Educator and Facilitator

Committed to collaborative dialogue and solutions



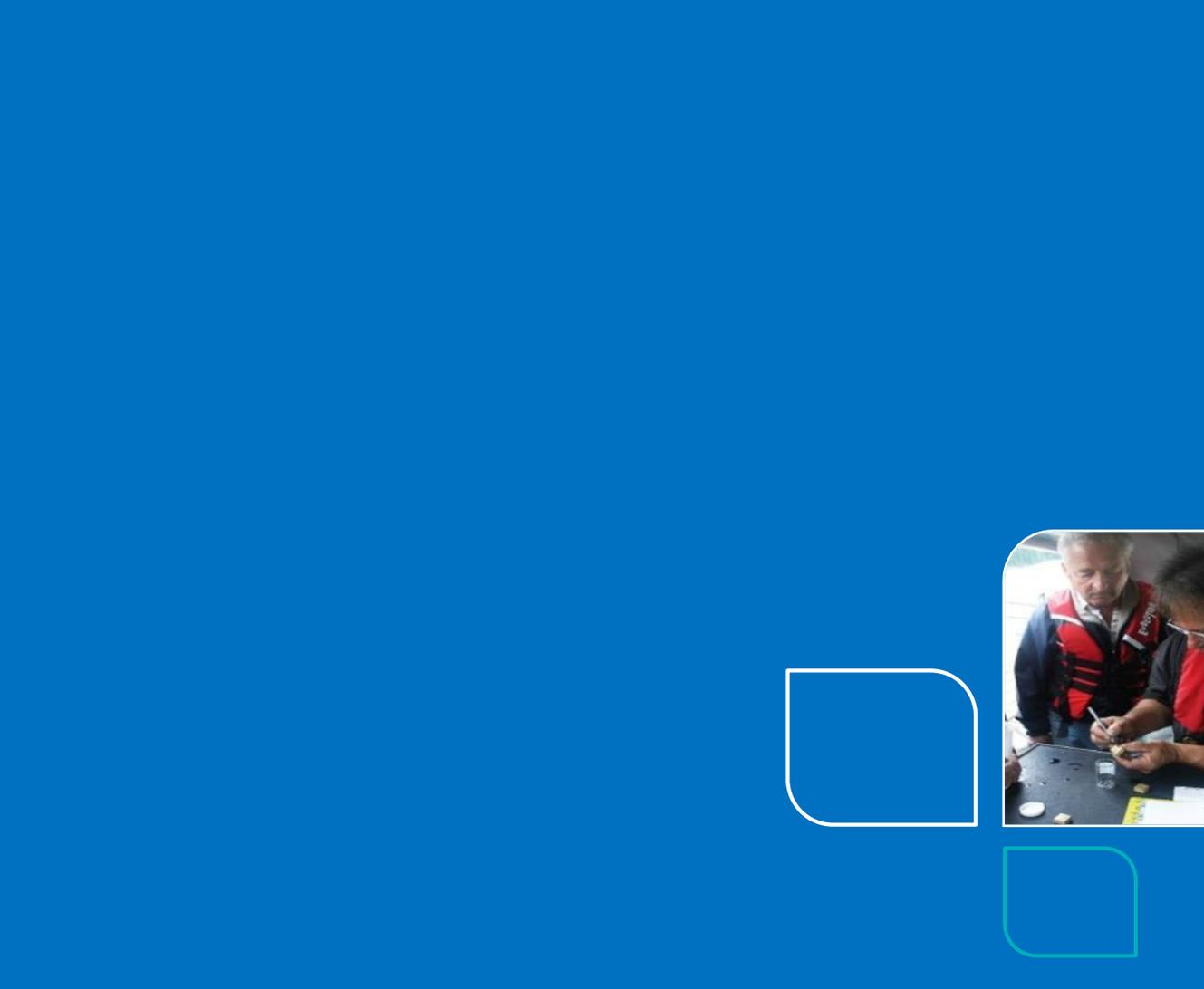
Three Focus Areas



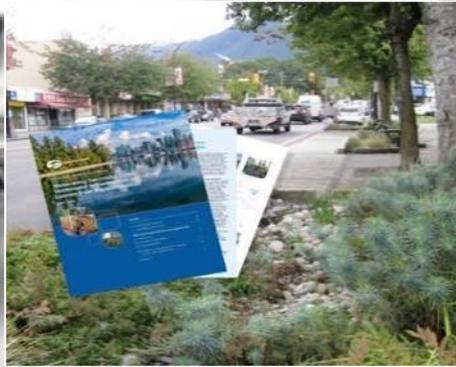
Climate Change & Air Quality

Watersheds & Water Resources

Sustainable Communities & Regions



Working BC Wide



Fraser Basin Council

Lower Mainland Flood Management Strategy Coastal Flood Scenarios Map

A Map Showing Estimated Flood Extents for:
Scenario A (Present Day)
Scenario B (Year 2100)

For more detail, including water resource facilities located in flood-prone areas, see regional and sub-regional maps in the Report Regional Assessment of Flood Vulnerability. These maps will also be posted separately at www.bccw.gov.bc.ca.



Fraser River Flood Scenarios Map

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Climate Change Challenges





HOT NITE IN THE CITY

ELECTRIC Avenue

2ND ANNUAL

ELECTRIC CAR CLASS
AT THE 24TH ANNUAL HOT NITE IN THE CITY, SHOW & SHINE

AUGUST 11, 2018
KAMLOOPS BC

BE ONE OF THE FIRST 25 EV REGISTRANTS TO RECEIVE A RIBFEST VOUCHER EST. VALUE \$100

ENTRY INCLUDES:

- Drink Plaque and Hot Nite T-shirt
- Poker Run (Optional) and Prizes
- Eligible to win 'Peoples Choice - EV Award'

LOCAL EVENTS HAPPENING ALL WEEKEND!
Kamloops Rotary Club's Ribfest at Riverside Park
FREE Live Music at Riverside Park

kamloops
REGISTER YOUR CAR AT
hotniteinthecity.com

Plug in BC –Building a Network



Specialty Use Electric Vehicles



Community Adaptation
Workshop



Kanaka Bar First Nation

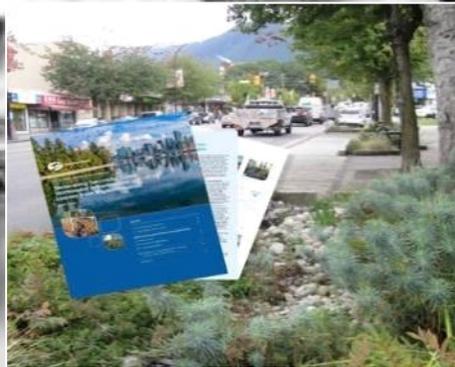
BC Climate Change Adaptation



**New Round of
Incentives Available**
APPLY SOON!

Community Energy Leadership

Our Work in the Region





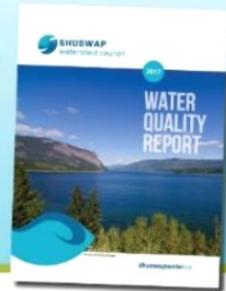
- ◆ Water Quality
- ◆ Invasive Mussels Prevention
- ◆ Recreational Safety

Shuswap Watershed Council



CURIOUS ABOUT WATER QUALITY IN THE SHUSWAP?

The **Shuswap Watershed Council** has just released a summary of recent water quality monitoring results. Find it on our website...



shuswapwater.ca

SWC – Water Quality Work

INSPECTION STATION

ALL WATERCRAFT



Transporting invasive species
—such as zebra and quagga
mussels—**IS ILLEGAL IN BC**

WHY DO WE CARE?

If zebra and quagga mussels are accidentally brought to the Shuswap, they will:

- Cling to and colonize on boats, docks, pipes, ropes, and anything else under water
- Ruin beaches with their foul smelling and razor sharp shells
- Deteriorate water quality, and contribute to algal blooms

That's just the start. Their impacts will cost us millions of dollars per year!

**CLEAN + DRAIN + DRY
YOUR WATERCRAFT**



NONINDIGENOUS MUSSEL

SWC – Invasive Mussels Prevention

SWC – Safe Recreation

PFD Loaner Station



Kids Don't Float!

Remember, if you're playing in or near the water, always wear a PFD.

This Kids Personal Floatation Device Loaner Station is brought to you by...




ROYAL CANADIAN MARINE SEARCH & RESCUE
Staying Alive on the Water
Station 106 - Shuswap

PFD Dolphin wants kids to stay safe in the water. If you need a PFD, borrow one here. Please return it when you're through for other uses.

Parents, please make sure that the PFD fits your child - read the sizing instructions.

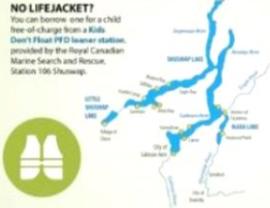
www.rcmsar.com
Sponsored by
Salmon Community Association, City of Salmon Arm, Hudson's Bay

7 TIPS for Having Fun and Staying Safe in the Shuswap



-  **1** Whether boating, floating, paddling, or SUPing always wear a lifejacket.
-  **2** Have a sober skipper! Never boat under the influence of drugs or alcohol.
-  **3** Be prepared. Check your pre-departure checklist.
-  **4** Be extra safe in cold water—it can disable you from resurfacing.
-  **5** Always use a spotter for tow sports.
-  **6** Watch for floating and partially submerged debris.
-  **7** Watch—don't just listen—for trouble in the water. Don't be distracted while supervising children.

NO LIFEJACKET!
You can borrow one for a child free-of-charge from a Kids Don't Float PFD loaner station, provided by the Royal Canadian Marine Search and Rescue Station 106 Shuswap.



Locations of Royal Canadian Marine Search and Rescue (RCM-SAR) Kids Don't Float PFD loaner stations:

- Scammon Boat Launch.....Scammon
- Old Town Bay Boat Launch.....Scammon
- Canon Beach Park.....Canon
- Downstream Salmon Arm Boat Launch.....Salmon Arm
- Sunshine Community Park.....Sunshine
- Herald Provincial Park.....Sunshine
- Harbour Road Boat Launch.....Blind Bay
- Sandy Beach Community Park.....Blind Bay
- Markham Road Boat Launch.....Squamish
- Shuswap Lake Provincial Park.....Squamish Creek
- Magnum Bay Wharf Boat Launch.....Magnum Bay
- Memorial Park Boat Launch.....Chase
- Oxford Road Lake Access.....Squamish Point
- Bonwick Road Community Park.....Squamish Arm
- Brinton Road Lake Access.....Celista

Know the rules and regulations for boating. Transport Canada* requires you to:

- Have a muffler on your boat that's in good working order
- Not leak fuel from your boat at any time
- Always operate your boat with due care and attention
- Limit your speed to 10km/h within 30m of shorelines

*Transport Canada's boating regulations are subject to change without notice. © 2014 Transport Canada

SHUSWAP
watershed council

facebook.com/shuswapwater
@shuswapwater

shuswapwater.ca



Nicola Basin Projects





Thompson Watershed Risk Assessment

Webpage: thompsonflood.ca

Table E-1. Number of prioritized areas in the TRW, by geohazard type.

Row Labels	Priority Level					Grand Total
	Very High	High	Moderate	Low	Very Low	
Clear-Water Floods		344	609	3969	0	4922
Waterbody (subtotal)		67	109	379	0	555
Watercourse (subtotal)		277	500	3590	0	4367
Landslide-Dam Floods		23	57	52	14	146
Steep Creeks	10	99	280	564	204	1157
Grand Total (Count)	10	466	946	4585	218	6225
Grand Total (%)	0.16%	7.49%	15.20%	73.65%	3.50%	100%

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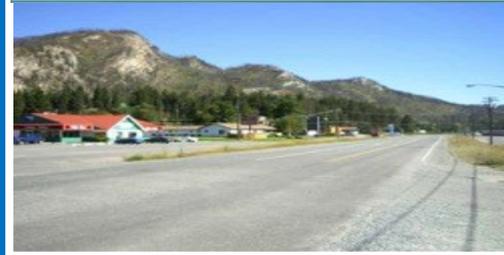


Wildfire Risk Reduction

Shuswap Regional Trails Strategy



BC Rural Network



Stewardship Patrol



Supporting Dialogue & Innovation



- ◆ Integration on mutual interests
- ◆ Collective voice
- ◆ Awareness of Secwepemc traditions
- ◆ Joint education opportunities

Shuswap-Secwepemc Protocol



Thank You



Fraser Basin Council