

### Update from Program Managers

Erin Vieira and Mike Simpson provided an update on program operations since the last meeting:

- **Nutrient research in the Salmon River and Shuswap River, led by UBC-Okanagan**, is wrapping up. Data collection is complete, and a final report summarizing two phases of the research, is anticipated in February 2020.
- The SWC's **Zebra and Quagga Mussel Prevention Program has wound down for winter**. Staff attended and presented at the International Conference on Aquatic Invasive Species in October about prevention work being done in the Shuswap.
- The SWC's **Safe Recreation Program is not as active now** that winter is here. Staff have once again applied to Transport Canada for funding to support activities in 2021.

Expenses to the end of the second quarter (September 30th 2019) total **\$107,133** against the annual operating budget of **\$272,875**.

### Discussion on the future of the SWC

The Columbia Shuswap Regional District's bylaw that enables the Shuswap Watershed Council will come to an end on December 31<sup>st</sup> 2020. In order to continue, the CSRD will need to conduct a voter assent process by September 2020 for service taxation beginning in 2021. Council members discussed next steps, and decided to have a strategic planning workshop early in 2020 to draft the next long-term plan for the Council and provide a recommendation to the CSRD for a voter assent process.

### Guest presentation from Columbia Shuswap Invasive Species Society

Robyn Hooper and Sue Davies attended the meeting on behalf of CSISS to present an **overview of the work done on monitoring and preventing Zebra and Quagga Mussels**, in partnership with the SWC, during 2019. They thanked the SWC for their involvement through financial support and a positive working relationship.

### Discussion on water protection

The SWC's Water Protection Initiative is a program that was designed to react to the results of water quality monitoring and research; in particular, if excessive amounts of nutrients were found to be entering the Shuswap River and Salmon River, then the Council could consider ways to reduce that. The results of nutrient research to-date have shown that the highest proportion of nutrients (i.e., kilograms of phosphorus per hectare) come from agricultural lands in 'incremental flow sub-watersheds'. Therefore, if the Council wanted to reduce nutrient-loading to surface water, these are the areas where it can have the most impact.

### SWC MEMBERS:

**Paul Demenok – Chair**  
CSRSD Area 'C'

**Jay Simpson – Vice Chair**  
CSRSD Area 'F'

**Rene Talbot**  
CSRSD Area 'D'

**Rhona Martin**  
CSRSD Area 'E'

**Tim Lavery**  
City of Salmon Arm

**Rod Crowe**  
TNRD, Village of Chase

**Ken Christian**  
TNRD, City of Kamloops

**Colleen Anderson**  
District of Sicamous

**Dave Nordquist**  
Secwepemc Nation,  
Adams Lake Indian Band

**Steven Teed**  
Secwepemc Nation,  
Adams Lake Indian Band

**Rick Fairbairn**  
RDNO Area 'D'

**Denis Delisle**  
RDNO Area 'F'

**Dennis Einarson**  
BC Ministry of Environment  
& Climate Change Strategy

**Laura Code**  
BC Ministry of Agriculture

**Lorne Hunter**  
Community Representative

**Randy Wood**  
Community representative

**Sharon Bennett**  
Community Representative

**Natalya Melnychuk**  
Community Representative

With these results at hand, and anticipating a final report from UBC-Okanagan researchers in February, staff presented some potential next steps for the Council. A roundtable discussion took place, with staff being directed to do the following:

- Host a workshop with producers and landowners in the watershed about nutrient research results, and look for willing partners in new nutrient management practices and/or mitigative projects
- Develop a granting program to partner with and support producers/landowners on new nutrient management practices to reduce nutrient losses from land to surface water
- Develop detailed maps of Shuswap River and Salmon River valley bottoms illustrating incremental flow sub-watersheds.

### Meeting Schedule for 2020

The SWC established their meeting schedule for 2020, as follows:

Wednesday March 11<sup>th</sup>      Wednesday June 17<sup>th</sup>  
Wednesday September 9<sup>th</sup>      Wednesday December 9<sup>th</sup>

The meetings will be approximately **10:00am–2:30pm**. In addition, the SWC will have a half-day strategic planning workshop in February (exact date TBC).

*A full meeting summary is available on the SWC website.*

### SWC MEMBERS:

**Paul Demenok – Chair**  
CSRD Area 'C'

**Jay Simpson – Vice Chair**  
CSRD Area 'F'

**Rene Talbot**  
CSRD Area 'D'

**Rhona Martin**  
CSRD Area 'E'

**Tim Lavery**  
City of Salmon Arm

**Rod Crowe**  
TNRD, Village of Chase

**Ken Christian**  
TNRD, City of Kamloops

**Colleen Anderson**  
District of Sicamous

**Dave Nordquist**  
Secwepemc Nation,  
Adams Lake Indian Band

**Steven Teed**  
Secwepemc Nation,  
Adams Lake Indian Band

**Rick Fairbairn**  
RDNO Area 'D'

**Denis Delisle**  
RDNO Area 'F'

**Dennis Einarson**  
BC Ministry of Environment  
& Climate Change Strategy

**Laura Code**  
BC Ministry of Agriculture

**Lorne Hunter**  
Community Representative

**Randy Wood**  
Community representative

**Sharon Bennett**  
Community Representative

**Natalya Melnychuk**  
Community Representative