

AGENDA PACKAGE FOR:

Council Meeting
Wednesday June 17th 2020 | 9:00 AM - 12:30 PM
Columbia Shuswap Regional District Boardroom
555 Harbourfront Drive NE, Salmon Arm

VIRTUAL MEETING

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1.	March 11 th 2020 meeting summary for approval	

Council Meeting
March 11th 2020 | 10:15 AM – 2:30 PM
Columbia Shuswap Regional District Boardroom
555 Harbourfront Drive NE, Salmon Arm

Draft Record of Decisions and Action Items

This summary is subject to revision and approval at the next Council meeting

Meeting objectives

1. Approve 2020-21 work plan and budget
2. Discuss and approve five-year strategic plan for 2021-26

Present

Paul Demenok, Chair – Columbia Shuswap Regional District, Area C
Rene Talbot – Columbia Shuswap Regional District, Area D (*from 10:35 am to 1:00 pm*)
Rhona Martin – Columbia Shuswap Regional District, Area E
Jay Simpson – Columbia Shuswap Regional District, Area F
Ken Christian – Thompson-Nicola Regional District, City of Kamloops
Rod Crowe – Thompson-Nicola Regional District, Village of Chase
Debbie Cannon – City of Salmon Arm (*alternate – from 10:20 am*)
Colleen Anderson – District of Sicamous
Denis Delisle – Regional District of North Okanagan, Area F
Lorne Hunter – Community representative
Randy Wood – Community representative

Erin Vieira and Mike Simpson – Fraser Basin Council

Observers

None

Regrets

Tim Lavery
Steven Teed
Dave Nordquist
Rick Fairbairn
Dennis Einarson
Chris Zabek
Sharon Bennett
Natalya Melnychuk

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Call to Order The meeting was called to order at 10:15 am by Chair Paul Demenok

Adoption of meeting summaries **Moved/seconded** by Director Simpson/Lorne Hunter that:

The summary of the December 11th 2019 meeting of the SWC be adopted,

And that:

The summary of the February 12th 2020 workshop of the SWC be adopted.

CARRIED

Correspondence **Moved/seconded** by Mayor Crowe/Councillor Anderson that:

The correspondence be received for information.

Councillor Cannon entered the meeting at 10:20 am

Discussion:

Chair Demenok inquired of the Council members if the SWC should send a reply to the correspondence addressed to Director Talbot from the Okanagan Indian Band. Mayor Christian commented that the SWC should not get involved in issues of land use, and therefore a reply is not recommended. Director Simpson cautioned against inviting the band to apply for grant funds from the SWC when they have no ability or control over the property in question.

CARRIED

Old business **Moved/seconded** by Mayor Christian/Councillor Cannon that:

The draft summary of the Shuswap Water Monitoring Group meeting held on February 26th 2020 be received for information.

CARRIED

Report from Chair Chair Demenok reported that he met with Regional District of North Okanagan Electoral Area Directors to present the SWC's achievements and accomplishments over the past 4 years, and to highlight the new nutrient research summary report and the water quality grant program. He reported that he has several other delegations coming up in the next few weeks at other government organizations.

Director Talbot entered the meeting at 10:35 am

Report from Program Managers Erin Vieira presented an update on program operations since the SWC's last regular meeting in December:

- The Shuswap Water Quality Monitoring Group held a bi-annual meeting in February to discuss water quality monitoring plans for 2020 and

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provide input to the new edition of the Shuswap Water Quality Summary Report for 2019

- Staff have been promoting the recently completed Nutrient Research Summary Report
- Staff have been promoting the new Water Quality Grant Program through workshops, newspaper articles, social media, and paid advertising
- Staff are preparing for a Water Protection Advisory Committee meeting later in March, at which time the committee will receive the final report on the nutrient research from Dr. Jeff Curtis, UBC-Okanagan
- Staff are working on 2020 campaigns re: Zebra and Quagga Mussel prevention; staff have been liaising with staff at the BC Ministry of Environment regarding the provincial Invasive Mussel Defence Program
- Staff submitted and funding application to a federal grant program, Eco-Action, to support the SWC's work on water quality and nutrient mitigation.

Erin presented a financial report to the end of the third quarter, April 1st – December 31st 2019:

Revenue source for 2019-20	(\$)
Surplus (from March 31 st , 2019)	186,896
CSRD (C, D, E, F and District of Sicamous)	160,000
TNRD	53,600
City of Salmon Arm	40,000
Adams Lake Indian Band	1300
Grant funding: Transport Canada <i>Boating Safety Contribution Program</i>	19,538
Total revenue	461,334

	Annual budget (\$)	Expenses (\$)
Water Monitoring Initiative	51,150	18,029
Water Protection Initiative	79,500	25,802
Zebra & Quagga Mussel Prevention Program	30,825	26,881
Safe Recreation Program	26,050	21,424
Communications	42,200	26,252
Management and Administration	43,150	23,188
Operating Reserve	188,459	0
Total expenses to December 31st 2018	461,334	141,576

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**New business:
Workplan and
budget for 2020-
21**

Mike Simpson presented the proposed budget for 2020-21 and key workplan items.

Erin Vieira clarified that the Communications budget is bigger this year than previous years because it includes extra budget for communications to support a voter assent process in the CSRD.

Director Simpson inquired if the SWC would be willing to make a motion that it send a recommendation to the CSRD to have a referendum as opposed to an alternate approval process. Director Martin commented that a referendum is very costly, and thinks that additional budget for staff communications is preferential. Chair Demenok suggested that the Communications budget be increased further to support additional work by the SWC or a contractor on social media.

Moved/seconded by Director Simpson/Director Martin that:

The SWC procure a social media campaign strategist through an RFP process, with additional budget of up to \$20,000, to assist with communications in 2020.

CARRIED

Moved/seconded by Mayor Christian/Director Talbot that:

The budget and workplan for 2020-21 be approved

CARRIED

The budget and key work plan items for 2020-21 will be as follows:

Revenue (April 1st 2020 – March 31st 2021)	\$
2019-20 surplus (carry forward from March 31st 2020)	
Projected operational surplus	40,000
Operating Reserve (including \$20K Contingency Fund)	188,459
Per Contribution Agreement:	
CSRD Areas C, D, E, F and District of Sicamous	160,000
(deduct cost of CSRD voter assent process)	-25,000
TNRD	53,600
City of Salmon Arm	40,000
Adams Lake Indian Band	1300
External grant applications:	
Boating Safety Contribution Program (not confirmed)	20,550
Eco-Action (not confirmed)	100,000
Total Revenue	578,909

(expenses on next page)

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Work plan and expenses (April 1st 2020 – March 31st 2021)		\$
Water Quality Program		
	Water Monitoring Initiative	
	Facilitate the Shuswap Water Monitoring Group	7850
	Implement the watershed water quality monitoring plan	27,350
	<i>Sub-total Water Monitoring Initiative</i>	35,200
	Water Protection Initiative	
	Facilitate the Water Protection Advisory Committee	7600
	Water quality improvement projects	206,000
	<i>Sub-total Water Protection Initiative</i>	213,600*
Zebra and Quagga Mussel Prevention Program		
	Education, outreach and advocacy	35,400
Recreation Safety Program		
	Safety campaigns	24,000
	Safety equipment	3400
	<i>Sub-total Recreation Safety Program</i>	27,400**
Communications		
	Collateral	10,200
	Public engagement	21,300
	Social media	20,000
	Annual water quality summary	17,200
	<i>Sub-total Communications</i>	68,700
Administration		
	Council administration	27,350
	Financial management and fund development	15,800
	<i>Sub-total Administration</i>	43,150
Sub-total operational expenses		423,450
Operating Reserve (includes \$20K Contingency Fund)		155,459
Total Expenses		578,909

* this budget reflects a \$100,000 contribution from Eco-Action, assuming a successful grant application by the SWC

** this budget reflects a \$20,550 contribution from the Boating Safety Contribution Program, Transport Canada, assuming a successful grant application by the SWC

SWC members took a break from 11:30 – 11:40 AM

New business: Strategic Plan and Budget for 2021- 2026

Mike Simpson introduced the strategic plan as having been developed out of the strategic planning workshop in February. He presented the proposed annual budget for the next five years. He then walked through each of the goals, objectives and strategies in the draft strategic plan for 2021-2026.

A roundtable discussion took place, with several SWC members providing input on adding additional strategies to the plan.

The SWC took a lunch break from 12:15 – 12:40 PM

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Moved/seconded by Director Martin/Mayor Christian that:

The annual budget of \$260,000 per year for 2021-2026 be approved

CARRIED

Chair Demenok walked through the strategic plan goals and objectives with the SWC members, and asked for input or comments. There was much discussion, and several amendments to the draft Strategic Plan for 2021-2026 were captured

Director Talbot left the meeting at 1:00 PM

Moved/seconded by Mayor Crowe/Councillor Cannon

That the strategic plan be amended as discussed and approved

CARRIED

Late agenda item

Erin Vieira inquired about how soon the SWC would like to discuss and make changes to its membership.

**Roundtable
discussion: SWC
membership**

Moved/seconded by Director Martin/Mayor Crowe that:

The SWC extend an invitation to the five indigenous communities within the Shuswap watershed (Adams Lake, Little Shuswap, Neskonlith, Splatins, Okanagan Indian Band), asking them to participate in the SWC. The invitation would request that each community appoint one person, and that there would be provisions for an alternate; the letter should explain quorum requirements for non-financial and financial decisions.

Discussion:

Mike also inquired if the SWC wants to extend an invitation to the Township of Spallumcheen to participate on the Council.

Mayor Crowe suggested that the membership changes and letters be put on hold until after the voter assent process.

Director Martin rescinded the motion.

Chair Demenok commented on the opportunity to give presentations to the six aforementioned communities about the SWC in the near future.

**Roundtable
discussion:
Confirm SWC
members intent**

Councillor Anderson indicated that the District of Sicamous intends to continue to participate in the SWC through the CSRD's SWC Service.

Councillor Cannon indicated that the City of Salmon Arm intends to proceed as it has in the past: as a contributor to the SWC but not part of the CSRD's service.

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**to participate in
2021**

Mike Simpson clarified that these statements of intent by Councillors Anderson and Cannon are not binding, and that the CSRD will seek a Council resolution from the District of Sicamous regarding their intent to participate in the CSRD's service.

Adjourn

Moved/seconded by Lorne Hunter/Mayor Crowe that the March 11th SWC meeting be adjourned

CARRIED

The meeting adjourned at 2:15 pm

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c/o Fraser Basin Council
200A – 1383 McGill Road
Kamloops, BC V2C 6K7
250.314.9660
www.shuswapwater.ca
f t w

Clyde Mitchell
Shuswap Waterfront Owners Association
Box 24123
Scotch Creek, BC V0E 3L0
Sent by e-mail to president@swoa.ca

14 April 2020

Dear Mr. Mitchell,

Thank you very much for your letter on March 31st, 2020. We appreciate the thoughtfulness of the Shuswap Waterfront Owners Association in sharing your compliments and concerns, and your participation in our work over the last several years. Although I would prefer to meet and reply to your letter in person, that is not possible at this time but I hope it can be arranged in the future.

As a Council representing perspectives from the whole of the Shuswap watershed, our greatest focus and investment is on water quality. We are very glad to read of your support of our work in this regard. Coordinating and reporting publicly on water quality in the Shuswap watershed is a unique role for the SWC, not fulfilled by any other organization. Our work with various monitoring organizations has ensured our watershed is sufficiently and efficiently monitored; we have achieved savings by reducing duplicated efforts and expenditures. All of this helps us work toward our primary goal, which is the long-term preservation and enhancement of water quality for a healthy ecosystem, a thriving economy and a desirable lifestyle for residents and visitors.

We're also encouraged to hear of your support for our work on preventing an invasion of Zebra and Quagga Mussels in BC. We will continue to work hard on lobbying senior orders of government to take more action on this issue. We are also supporting early detection monitoring for invasive mussels in the Shuswap, and reaching out to residents and visitors to educate them about the risks and ask them to assist with prevention.

I would like to address the concerns that you outlined in your letter. Again, I hope we can discuss these in person but for now I offer my written comments to explain our position, and clarify some points.

- Regarding our stance on agricultural land use practices and the linkages to nutrient run-off, we have corresponded with the regulatory agency (BC Ministry of Environment and Climate Change Strategy) about our viewpoints on this matter. In our submission to the BC MOE in their review of the *Agricultural Waste Control Regulation*, we asked – among other items – that the Shuswap be designated a “sensitive receiving environment” and that special measures be enacted to protect water quality from excessive phosphorus run-off; we also offered to share with them the results of our research with UBC-Okanagan.

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- In addition to our work on lobbying, we feel strongly that we need to be an 'action' group. From the beginning, the SWC has intended to fund water quality projects. This gives us the opportunity to partner with members of the local agriculture community, and show our support for good practices. It also builds upon our significant investment in nutrient research. And, it demonstrates our commitment to the Shuswap watershed to provincial regulatory agencies, which we think encourages them to place more of a priority on the Shuswap as opposed to neglect their responsibilities for management and enforcement as you've suggested. We've seen this to be the case with water quality monitoring, and in the participation of both the BC Ministry of Environment and BC Ministry of Agriculture at our Council table.
- I would like to point out that the Shuswap Watershed Council is not the only watershed-based organization that has taken on roles and responsibilities for water quality improvement or remediation in response to identified concerns. In BC and across Canada, there are many others who have taken on this mandate, such as the Okanagan Basin Water Board, Nechako Watershed Roundtable, and Bonaparte Watershed Stewardship Society. I would be remiss if I didn't also mention the incredible amount of work done by the Salmon River Watershed Roundtable who are currently inactive but completed hundreds of remediation projects in the 1990s and early 2000s.
- It is our goal that SWC funds allocated to water quality remediation projects would be leveraged by third party funding. Without SWC funds, we would be unable to apply for a number of a grant opportunities. As you note in your letter, our budget for this fiscal year includes \$206,000 for remediation. This budget is contingent upon a \$100,000 grant application to a federal grant program. If the application is not successful, the budget will be reduced accordingly. We also anticipate our project partners will contribute other sources of funds.
- Regarding safe boating and recreation in the Shuswap, we agree that this is an area of importance but we don't think it is addressed well by safety authorities. In our small Shuswap communities, the RCMP cannot place a high priority on on-the-water patrols and enforcement. Our 'Safe Recreation' program has received plenty of positive feedback and we know it is having a big impact: staff report that in 2019 our safety campaigns had over 565,000 impressions on residents and visitors. This was done with \$5,000 SWC funds which allowed us to leverage over \$19,000 in grant funding. We're proud of what we've been able to deliver in regards to promoting safe boating and recreation, and our expenditures in this regard have been very cost-effective.
- You raised some important concerns regarding our finances that I'd like to respond to. You're correct in that we have a \$20,000 contingency fund. We established this in 2016 so that we could respond quickly to water quality issues that may incur additional, unforeseen monitoring costs. To-date, the contingency fund has not been spent. We also have an operational surplus (within which the contingency fund is held) that has been growing each year since our inception as a Council. Our funding partners have looked closely at these surplus funds, and they support holding them in reserve. Regarding our tax-based revenue, we take your comment to heart and are working

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towards achieving a more equitable funding structure with contributions from all jurisdictions in the watershed.

Thank you again for your letter. We recognize that SWOA has a large and diverse membership, all of whom have great care and concern for our water quality. I look forward to meeting with you and the SWOA board of directors to carry on this discussion, and consider how our organizations can collaborate.

Sincerely,

Paul Demenok
Chair, Shuswap Watershed Council
Director, Columbia Shuswap Regional District, Area 'C' South Shuswap
250 517-0810 | pdemenok@csrd.bc.ca

Cc:

Kevin Flynn, Chair, Columbia Shuswap Regional District
Charles Hamilton, Chief Administrative Officer, Columbia Shuswap Regional District
Greg Kylo, MLA – Shuswap
Shuswap Watershed Council members

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18 May 2020

Chief Administrative Officer
CSRD

<input checked="" type="checkbox"/> CAO	<input checked="" type="checkbox"/> Agenda <i>Late</i>	Ownership:
<input checked="" type="checkbox"/> Works	<input type="checkbox"/> Reg Board	File# <i>BL</i>
<input checked="" type="checkbox"/> DCS	<input type="checkbox"/> In Camera	<i>May 21/2020</i>
<input checked="" type="checkbox"/> Fin/Adm	<input type="checkbox"/> Other Mtg	<i>5817</i>
MAY 19 2020		
<input type="checkbox"/> Ec Dev	<input type="checkbox"/> Staff to Report	Ack Sent:
<input type="checkbox"/> IT	<input type="checkbox"/> Staff to Respond	<input type="checkbox"/> Fax
<input type="checkbox"/> Parks	<input type="checkbox"/> Staff Info Only	<input type="checkbox"/> Mail
<input type="checkbox"/> SEP	<input type="checkbox"/> Dir Mailbox	<input type="checkbox"/> Email
<input type="checkbox"/> HR	<input type="checkbox"/> Dir Circulate	
<input type="checkbox"/> Other		

Shuswap Watershed Council Service Establishment Amendment Bylaw No. 5817, 2020

Dear Mr. Hamilton;

I write this to you as I believe you to be that sober second thought regarding the actions and agendas of some of the current directors in the regional district.

Water, the essence of life on this planet. Canada bordered by three oceans, an abundance of fresh water, lakes, rivers, streams, and tributaries provides our day to day requirements for a healthy and vibrant society.

Federal and Provincial government bodies are given the responsibility of keeping our waterways safe. They monitor, and inform Canadians and industry on issues that detract from our mutual water quality. They provide regulations and education to combat pollution, infestations issues, and inform all Canadians of Safe Water practices through a number of regulations and programs.

Not without criticizing, there have indeed been major failures of safe drinking programs particularly amongst some of our aboriginal brothers and sisters, as well as contamination, infestation, and pollution issues in this vast country.

Every Citizen indeed shares in the responsibility and benefit of our watersheds across the land, and I believe a majority do that. They pay for through taxation, the federal and provincial governments to create policies, laws, and enforcement to protect the land and water we live on, and indeed as special interest groups get directly involved in participation as volunteers to enhance the efforts of the provincial and federal governments.

Background

In the middle of 2005-2006 concerned citizens residing primarily in Area C of the Columbia Shuswap Regional District, started a number of grass root organizations to have a more effective voice in how the Shuswap Lake was managed. It was a cause that was easy to support, as a group many of us saw the benefits of being able to voice our concerns about long term water quality, the proliferation of motorized watercraft, and of the houseboat industry and the effects they had on water quality and bio diversity. The steady growth of commercial, illegal and private dockages and mooring buoys were all high priorities on the action list of the greater community. There was even one group whose primary aim was to keep commercial houseboats out of Blind Bay and the south west end of Shuswap Lake. The groups quickly became influencers in how our watershed was being treated. Citizens, volunteers and the like banded together to affect a positive result. One main group was established named the Shuswap Lake Integrated Planning Process (SLIPP), and with that the Fraser Basin Council became involved conducting information sessions and workshops. Programs were designed and initiated to

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remove derelict and illegal docks, to reduce the number of dockages and moor buoys that were it seemed growing at an alarming rate. However, the primary aim of the group was to be able to integrate all of the stakeholders and enable a less restrictive vehicle to protect Shuswap Lake and the watersheds. SLIPP eventually failed, but was resurrected around 2014 as the Shuswap Watershed Committee. The committee now chaired by the Area C director of CSRD, was redefined and became a non-regulatory organization now imbedded into CSRD and the Fraser Basin Council, and funded directly by the region taxpayers and other partners on a five-year initial plan, that this year will be through an assent vote be promoted as a permanent part of CSRD and thus an ongoing budget item by the taxpayers. The initial approval was done through an Alternative Approval Plan that few in the region even knew about until it was said and done.

SWC Assertions

One of the major assertions of The SWC is that they do not duplicate services from other government bodies. The 2018 Report Card gives a list of SWC accomplishments, As quoted below.

Water Quality Program

The Shuswap Watershed Council serves as a convenor and facilitator for the Shuswap Water Quality Monitoring Group, which is made up of several organizations in the watershed that are responsible for monitoring. Regular meetings of the Monitoring Group enable dialogue, information sharing, and planning to ensure that the entire watershed—large lakes, small lakes, and rivers—is monitored.

The SWC provided over \$15,000 in support of an expanded monitoring program on the Salmon River, an important tributary to Shuswap Lake that's vital for fish habitat and to the local agriculture sector. 2018 was the third year and final year of a partnership with the BC Ministry of Environment and Climate Change Strategy to more intensely monitor the water quality of the Salmon River.

Response.

Water Quality monitoring is conducted by both federal and provincial bodies and is funded accordingly. If the group or regional government is not satisfied with the quality of the monitoring, should they not approach provincial and Federal agencies to enhance ongoing programs?

<https://www.canada.ca/en/environment-climate-change/services/freshwater-quality-monitoring/overview.html>

Overview of freshwater quality monitoring and surveillance

Environment and Climate change Canada (ECCC) monitors freshwater quality on:

- federal lands
- transboundary watersheds
- inland waters

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The Freshwater Quality Monitoring and Surveillance (FWQMS) program activities are accomplished in collaboration with provincial and territorial governments, and in conformity with the Canada Water Act.

- [Long-term water quality monitoring sites](#)
- [Canadian Aquatic Biomonitoring Network](#)
- [Automated water quality monitoring sites](#)
- [Surveillance programs](#)
- [Risk-based adaptive management framework](#)
- [Program support](#)

<https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-quality/water-quality-monitoring>

Water Quality Monitoring

The Ministry of Environment and Climate Change Strategy conducts water quality monitoring of freshwater and marine water through numerous programs to evaluate the condition of waterbodies in B.C.

Biomonitoring

Biomonitoring uses benthic macroinvertebrates as an indicator of freshwater ecosystem health.

- [Learn more about the Provincial Biomonitoring Program](#)

Monitoring, Assessment and Stewardship

Water quality monitoring and assessment reports provide an overview of the status of the water for a particular lake, river or marine area.

- [View water quality monitoring and assessment reports](#)

Canada - B.C. Water Quality Monitoring Agreement

B.C. collaborates with Environment and Climate Change Canada to oversee many water quality monitoring stations across the province.

- [Learn more about the Canada - B.C. Freshwater Quality Monitoring and Surveillance Program](#)

Lake Monitoring

Monitoring the water quality of lakes is essential to understanding current water conditions, as well as changes in natural processes and the influences of human activities over time.

- [Learn more about the BC Lake Monitoring Program](#)

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Response:

Enhanced monitoring programs have been at the nucleus of SWC since its inception, my question is, is this monitoring beyond what other government agencies have in place improved the quality of the Shuswap watershed? Is drinking water safer? Is recreational water improved?

RESEARCH FUNDING

The SWC commenced the third and final year of a research project with UBC–Okanagan to better understand where and how nutrients are getting into the Shuswap River and Salmon River, and ultimately into Mara and Shuswap Lakes. Since 2016, the SWC has invested \$135,000 in this research.

The SWC also approved a second phase of research to be carried out in 2019. Researchers from UBC–O will analyze sediment to learn how nutrient-loading in the watershed has changed over time.

Response:

Ref: <https://news.ubc.ca/2019/04/16/new-21-7-million-federal-funding-expands-ubc-led-research-on-nanomedicines-clean-water-and-advanced-materials/>

UBC for 2019 has received a 21.7 million federal funding.

Why then are the taxpayers of CSRD paying taxes for grants that are already being provided by the Federal government?

Gardom Lake Grant

The SWC partnered with the Gardom Lake Stewardship Society on a wetland restoration near Gardom Lake, and provided a \$10,000 grant toward this. Wetlands are exceptional at improving water quality because they slow down a watercourse, and capture nutrients and sediment. They also provide valuable habitat for birds, amphibians and reptiles. As a result of this wetland, water flowing into Gardom Lake is cleaner.

Response:

The question that I believe should be asked, is why are taxpayer funds derived at the regional level being provided to an issue that is the responsibility of the federal and provincial government?

INVASIVE SPECIES

The SWC implemented a new program for Zebra and Quagga Mussel prevention in 2018. The SWC contributed over \$25,000 cash and resources toward monitoring, education and outreach for invasive mussels in the Shuswap; it also worked with the Columbia Shuswap Invasive Species Society (CSISS) to monitor the Shuswap watershed throughout boating season.

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The SWC also promoted Watercraft inspection and Clean-Drain-Dry through news articles and print media, social media, and signage.

Response:

The provincial government is heavily involved with ensuring invasive species are kept at bay, they fund the monitoring, education and inspection stations set up to identify and stop the spread. Enhancing an already ongoing program goes back to the argument.

If we are not satisfied with the current regulatory, inspection and enforcement program then is it not incumbent on us to approach the other government bodies for improvements and changes?

SAFE RECREATION

The SWC is committed to helping keep the Shuswap safe for boaters and recreationists through raising awareness for unsafe practices, and promoting safe practices such as lifejacket use, cold water safety, drowning prevention, and sober boating. The SWC promoted “7 top tips” through a combination of articles, social media, signage, and advertising.

The SWC is also pleased to work with the Royal Canadian Marine Search & Rescue to promote free lifejacket loans for children at several locations throughout the Shuswap.

Response:

Water Safety programs are directly funded by the Federal government and other organizations such as the Canadian Red Cross, regurgitating existing program information in a regional format is just that. Service groups in the Shuswap have been doing this for years with private efforts, and available grants.

The RCMP that enforces water safety and regulatory adherence on our lakes.

<https://www.canada.ca/en/health-canada/services/boating-water-safety.html>

COMMUNICATIONS AND ADVOCACY

The SWC is open and transparent about its program operations, expenditures, achievements and decisions. Some of its key communiqués include:

- SWC Meeting Highlights Reports
- Completion and distribution of the second annual water quality report, the 2017 Shuswap Water Quality Summary
- Maintaining an up-to-date website and an active presence on social media
- Making all meeting summaries and financial reports available online
- Writing educational articles for the SWC Blog

2018–19 Budget and Operational Expenses (April 1, 2018–March 31, 2019) The SWC’s work is supported by contributions from the following governments:

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Contributor	Amount (\$)
2017-18 surplus (carried forward from March 31st, 2018)	136,978
Columbia Shuswap Regional District (Areas C, D, E, F and the District of Sicamous)	160,000
Thompson-Nicola Regional District	53,600
City of Salmon Arm	40,000
Adams Lake Indian Band	1,300
Revenue for 2018-19	391,878

Monies, that I submit that are a duplication in part of what the Federal and Provincial governments already provide for the stated activities and objectives of the Shuswap Watershed Committee.

However, the only question that need be answered is, Is the Shuswap Watershed in better condition today than it was when the SWC began as a funded taxpayer initiative, and if so has the combined cost of \$900,000 been of water quality value to CSRD taxpayers?

Therefore I strongly recommend that CSRD Board does not endorse the continuation of this program. It is my firm belief through my various responses that the organization duplicates or adds to programs already funded at the next two layers of governance.

Thank you for your kind consideration.

[REDACTED]

[REDACTED]

Item No.	Agenda item	Time
2-3	Correspondence	9:10



Ms. Sue McKortoff
Chair, Okanagan Basin Water Board
Mr. Paul Demenok
Chair, Shuswap Watershed Council
200A-1383 McGill Road
Kamloops BC V2C 6K7
c/o Ms. Erin Vieira

Dear Mr. Demenok and Ms. McKortoff:

Thank you for your correspondence of December 17, 2019, regarding the importance of preventing the spread of invasive zebra and quagga mussels to British Columbia and for your kind words on my appointment as the Minister of Fisheries, Oceans and the Canadian Coast Guard. I regret the delay in responding.

As you know, we are living in unprecedented times, and in response to the COVID-19 pandemic, the Government of Canada is taking action to help. As Minister of Fisheries, Oceans and the Canadian Coast Guard, I am committed to providing the Canadian fisheries sector the support needed so it can continue to provide the world with high-quality, sustainably sourced fish and seafood. To learn about the measures the Government is taking to support Canadians and businesses, I encourage you to consult the website for [Canada's COVID-19 Economic Response Plan](#) and the Fisheries and Oceans Canada (DFO) website for [COVID-19 - Information for industry and partners](#).

Fisheries and Oceans Canada (DFO) recognizes the serious threat that aquatic invasive species (AIS) pose to Canada's aquatic and marine ecosystems, economy, and society.

As you mention in your letter, the Commissioner of the Environment and Sustainable Development's report on the results of an AIS audit, which was tabled in Parliament in spring 2019, provides DFO with a number of recommendations. The Department agrees with all recommendations and made public commitments to address them. DFO's commitments and deadlines can be found online at the Aquatic Invasive Species: Management [Action Plan](#) page.

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Canada

Item No.	Agenda item	Time
2-3	Correspondence	9:10

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Addressing the threat of AIS is a shared priority and responsibility across federal, provincial, and territorial governments. To coordinate this multi-jurisdictional approach, DFO works collaboratively with provincial and territorial partners through the National Aquatic Invasive Species Committee under the Canadian Council of Fisheries and Aquaculture Ministers (CCFAM). In 2012, CCFAM agreed that provinces and territories with delegated fisheries management authority would be responsible for enforcing the *Aquatic Invasive Species Regulations* within their respective jurisdictions. The Government of British Columbia has this delegated authority and operates a watercraft inspection program under its jurisdiction to prevent the introduction of aquatic invasive mussels to its provincial waters.

DFO has recently increased the number of fishery officers enforcing the *Aquatic Invasive Species Regulations* in the Central and Arctic Region, which includes the prairie provinces where a number of watercrafts cross to gain access to British Columbia. The Department uses an intelligence-led approach to enforce the Regulations and coordinates its efforts with its provincial counterparts. DFO will continue to allocate resources nationally to AIS research and monitoring, and will support British Columbia's invasive mussel management by providing scientific advice and conducting risk assessments.

With regard to the expansion of AIS programs in Banff and Jasper national parks, Parks Canada works in collaboration with provincial governments and DFO to deliver numerous active management and monitoring programs. Examples include: restrictions and closures for boats and recreational equipment in key waterbodies and watercourses; enforcement of standardized equipment decontamination protocols for researchers and permitted users; expansion of the mandatory self-inspection and registration of watercraft in mountain parks; and water quality monitoring to detect invasive species in flowing waters.

Should you have any further questions, I encourage you to communicate with Susan Roe, National Manager for Aquatic Invasive Species, Fisheries and Oceans Canada, at 613-240-8089 or at < susan.roe@dfo-mpo.gc.ca >.

Many provinces and territories already administer effective education and outreach programs within their jurisdictions to increase public awareness of AIS. The Department supports the development of research and outreach materials, such as "Clean, Drain, Dry," which are nationally beneficial. Moreover, AIS prevention education is included in Transport Canada's Boating Safety Course and Test Syllabus. This information is also listed in the [Safe Boating Guide: Safety Tips and Requirements for Pleasure Craft](#). For further information, I encourage you to contact Transport Canada, which administers this program.

Additionally, DFO is working closely with the Canada Border Services Agency (CBSA) to delineate roles and responsibilities when responding to AIS issues, such as mussel-infested watercraft, including floatplanes, at the international border. DFO and CBSA are also supporting the development of training materials for fishery officers and border services officers. Training on the *Aquatic Invasive Species Regulations* was also provided to regional program officers in June 2019 to increase biosecurity at the United States border.

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2-3	Correspondence	9:10

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Rest assured, Fisheries and Oceans Canada will continue to deliver on its mandate during these times. The unpredictability of this situation continues to be a challenge, and our response will continue to evolve. I am confident that the sector is resilient and will remain a strong and vital sector in the Canadian economy.

Thank you for writing and for providing me with your thoughts on this matter. I hope that my response has addressed your concerns.

Sincerely,



The Honourable Bernadette Jordan, P.C., M.P.
Minister of Fisheries, Oceans and the Canadian Coast Guard

c.c.: The Honourable Jonathan Wilkinson, P.C., M.P.
Minister of Environment and Climate Change
The Honourable Marc Garneau, P.C., M.P.
Minister of Transport
The Honourable Bill Blair, P.C., M.P.
Minister of Public Safety and Emergency Preparedness
Mr. Gord Johns, M.P.
Courtenay–Alberni
Mr. Mel Arnold, M.P.
North Okanagan–Shuswap

Item No.	Agenda item	Time
2-4	Correspondence	9:10



c/o Fraser Basin Council
200A – 1383 McGill Road
Kamloops, BC V2C 6K7
250.314.9660
www.shuswapwater.ca



Minister of Municipal Affairs and Housing
Victoria, BC
Sent by e-mail to MAH.Minister@gov.bc.ca

May 29, 2020

Dear Minister Robinson,

We are writing to request the Ministry of Municipal Affairs and Housing take actions that will enable a fair and representative voter assent process regarding the continuation of the Columbia Shuswap Regional District (CSRD) *Shuswap Watershed Council Service* beyond its term set as December 31, 2020.

The Shuswap Watershed Council (SWC) was established with the primary objective of maintaining and enhancing water quality in the Shuswap Watershed. It is a collaborative, non-regulatory group involving Thompson Nicola Regional District, CSRD, Regional District of North Okanagan, City of Salmon Arm, District of Sicamous, the Secwepemc Nation, Ministry of Environment and Climate Change, and Ministry of Agriculture. Attached is our Annual Highlights Report for 2019-2020 which includes an overview of achievements since 2016, our Strategic Plan for 2021-26, and summary results of a major study we sponsored through UBC-Okanagan on nutrient loading.

We are very proud of our accomplishments to date, and would like to see the SWC continue, particularly in view of the results of the major nutrient study conducted. It reported that over 100,000 kg of phosphorous is deposited annually into Shuswap Lake. Our strategic plan describes new programs to enhance water quality by reducing nutrient loading, however, this is a significant environmental challenge that will take many years to achieve.

Unfortunately, we feel there is a significant issue which may very well pose as an existential threat to the SWC. The bylaw under which the SWC was formed within the CSRD, calls for a repeat voter assent process by the end of 2020 to enable it to become a permanent service. The COVID-19 pandemic has led Ministry staff to appropriately advise CSRD staff that a referendum is not possible, and an Alternative Approval Process (AAP) should be used.

Normally, this wouldn't be an issue as the AAP process was used when the SWC was formed. Normally, a referendum could be used for voter assent if an AAP fails, but that isn't the case at present. It is possible and even likely that the COVID-19 pandemic will continue for many months, and most experts are predicting a second wave of infections this fall. In short, we

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2-4	Correspondence	9:10



may not be able to conduct a referendum in British Columbia for quite some time if COVID-19 continues to pose a threat.

The other issue linked to COVID-19 is that we are unable to hold large public gatherings to educate and inform the public at this time. Online meetings are possible, but in several of our electoral areas internet connectivity is problematic.

There is concern that if an AAP process fails in the absence of a referendum backup, the SWC may need to be disbanded. Disbanding the SWC will make it very difficult to recommence. Unfortunately, the last three AAP's conducted in CSRD Areas C, D and F failed because of the actions of a small group of individuals opposed to every new spending initiative. Using the 30-day AAP period and the 10% population objective they canvassed against the three initiatives. Their face-to-face pitch was simple, *"Do you want your taxes to increase? No? Sign here...."*. Several directors observed this occurring, and noted that many voters didn't seem to understand the details of the proposed services. For these reasons, directors at the CSRD feel that using the AAP process at this time, without a referendum as a backup, or without the ability to convene public meetings is concerning. This is unfortunate as the AAP process is usually a highly cost-effective means to obtain voter assent and it speaks to a longer term need for better voter education.

Other local governments contemplating a voter assent process may also be concerned that a referendum backup to an AAP is unavailable. For those considering a referendum, voter and staff safety is a real concern, so developing a COVID-19 appropriate voting method may be an important need on the horizon across the country.

By this letter we are asking for your assistance to help ensure that we have a fair voter assent process so as to enable the continuation of the Shuswap Watershed Council. We think there may be several creative methods that could be used, such as:

1. By order in council or equivalent, the Province could extend the voter assent deadline in this bylaw until such time as a referendum may again be used as a backup procedure.
2. The CSRD could utilize a "COVID-19 referendum process" using social distancing, multiple voting days, mail-in ballots, or some combination of these. We would need to receive guidance from the Province as to the best approach to take.

We realize that this is a very unusual request, but these are unusual times; and we would very much like to see the Shuswap Watershed Council continue to operate following a fair and safe voter assent process.

The signatures below are from all of the elected officials within the CSRD SWC bylaw jurisdictions. Other funding partners of the SWC (ie., TNRD, City of Salmon Arm, and Secwepemc Nation) do not require a voter assent process. We greatly appreciate your interest and response to our concerns.

Item No.	Agenda item	Time
2-4	Correspondence	9:10



Respectfully,

Paul Demenok
 CSRD Area C Director
 Chair, Shuswap Watershed Council

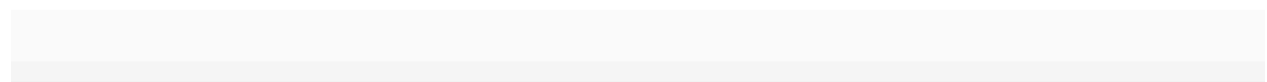
Tim Lavery
 Councillor, City of Salmon Arm
 Vice-Chair, Shuswap Watershed Council

Rhona Martin
 CSRD Area E Director

Rene Talbot
 CSRD Area D Director

Jay Simpson
 CSRD Area F Director

Terry Rysz
 Mayor, District of Sicamous



Item No.	Agenda item	Time
3-1	Old business: Summary of the May 14 th WPAC meeting	9:30

**Water Protection Advisory Committee Meeting
Thursday May 14, 2020 | 10:00 AM – 12:00 PM
Virtual via GoTo Meeting**

Meeting summary as at May 14, 2020
Approved June 3, 2020

Meeting objectives

1. Receive final report on water quality research and Mara Lake coring
2. Develop a process for reviewing the grant applications by WPAC and making recommendations to SWC

Attendance (committee members)

Jeff Curtis, UBC Okanagan
John Dedood, Agriculture – dairy
Dennis Einarson, Ministry of Environment and Climate Change Strategy
Carlee Heater, Ministry of Environment and Climate Change Strategy
Lorne Hunter, Agriculture – dairy/retired and SWC community member
Lily Kotzeva, Ministry of Environment and Climate Change Strategy
Dennis Lapierre, Agriculture – other
Robyn Laubman, Splatins Development Corporation
Megan Ludwig, Associated Environmental
Ralph Vandalsen, Agriculture – dairy
Ben van Nostrand, Columbia Shuswap Regional District

Guests

Paul Demenok, SWC Chair
Nicholas Hebda, UBC Okanagan
Hamish Kassa, Columbia Shuswap Regional District
Ian Walker, UBC Okanagan

Staff

Mike Simpson, Shuswap Watershed Council c/o Fraser Basin Council
Erin Vieira, Shuswap Watershed Council c/o Fraser Basin Council

Meeting Outcomes

1. Updates provided for UBC-O water quality monitoring and Mara Lake core sample.
2. Committee members approved procedures for reviewing the grant applications.

Summary of discussions, decisions and action items

Welcome, Introductions, Agenda and Objectives

Mike Simpson welcomed everyone and thanked them for their time. Secwepemc territory (or the territory where participants attended from) was acknowledged. Introductions were made and the agenda was reviewed and accepted as presented.

Meeting Summary from May 15, 2019

The meeting summary from May 15, 2019, was approved. There were no outstanding action items.

Item No.	Agenda item	Time
3-1	Old business: Summary of the May 14 th WPAC meeting	9:30

Research Update – Nutrient and Water Quality Monitoring, Mara Lake Core Sample

Nick Hebda, PhD candidate at UBC Okanagan, presented the results of the analysis of diatoms (microscopic algae) of the Mara Lake Core Sample. See his presentation named *Mara Lake Sediment Core Diatom Analysis v1-2 2020-05-14.pdf* circulated with this meeting summary.

Nick's key conclusions were:

- Total phosphorus levels in Mara Lake today are probably not unprecedented in its history
- Total phosphorus levels in Mara Lake at the onset of major land-use change in the 20th century were likely lower than today and have increased since the 1980s
- Paleolimnological inferences of increasing phosphorus loading and increasing abundance of bloom-forming algae in recent decades are consistent with contemporary observations and the mass balance of phosphorus in the Shuswap watershed as land use has changed

Jeff provided an oral overview of the synopsis report, and noted that we have a comparative wealth of information (the “platinum standard”) to make decisions on going forward with the mass balance studies, modelling studies, and now the paleolimnological results. While hydrology is still the number one factor in P loading, the work to date all points to the yield of P from land use. Best practices bear on the landscape plumbing and land use.

Questions and discussion were focused on: local observations of whether large events such as the 1998 forest fire, or Mt St Helens volcanic eruption in 1980 contributed to changes in P inferred; the practicality of irrigating with nutrient rich waters would be challenging, would require hydro being extended into unserviced areas; although there were only three data points in the oldest core sample analysis, it is encouraging that independent geochemical measurements of sedimentary P levels align remarkably well with the diatom-inferred TP reconstruction. Request was made for Jeff to clarify the flow paths of nutrient entry in the final reports.

SWC Granting Program Evaluation Procedures

The draft procedures dated May 6, 2020 that were distributed in advance of the meeting were reviewed. They were approved as presented.

If the WPAC doesn't recommend full utilization of the \$100 000 available, it is up to SWC members to determine how to repurpose those funds in a future year. It was anticipated that there would be a strong interest in making them available for a similar future grant program.

A few comments were made about the grant guidelines and application process, and more comments are encouraged to be sent to Mike by [email](#) to improve the process for next time:

- Accept applications outside of the IFSW, anywhere with drainage modification, nutrient use
- Clarify what kinds of projects we're looking for (e.g., erosion control)
- Provide support on what kinds of activities would be useful (e.g., wetland construction)

Item No.	Agenda item	Time
3-1	Old business: Summary of the May 14 th WPAC meeting	9:30

ACTION ITEMS:

Item	Responsibility	Date
Send any comments on the grant program guidelines and application form	Committee members	Ongoing
Send any comments on the three reports circulated to Jeff Curtis	Committee members	By Friday May 22
Final report, including graphs, data	Jeff Curtis	By Friday June 5
Distribute applications in table format (omitting confidential or identifying information)	Mike	At least one week before next meeting
Review and score applications	Committee members	In advance of next meeting
Include recommendations in agenda package for SWC meeting on June 17	Erin	By June 10

Next Meeting, Draft Agenda

A half-day morning, by June 8, 2020 at the latest. Avoid Tuesdays. Mike to seek a date through a doodle poll.

Agenda:

- Identify and communicate any conflicts of interest – leave the room when that application is discussed
- Review each application, compare scores, discuss, seek consensus on recommendations to SWC (refer to terms of reference for WPAC on how decisions are made)
- Discuss whether the full allocation of funding available is to be dispersed, or only recommend applications that score well and are fully eligible

Item No.	Agenda item	Time
3-2	Old business: draft summary of the May 14 th WPAC meeting	9:30

**Water Protection Advisory Committee Meeting
Wednesday June 3, 2020 | 9:00 AM – 12:00 PM
Virtual Meeting via GoTo Meeting**

Draft meeting summary as at June 4, 2020

Meeting objectives

1. Review the grant applications by WPAC and make recommendations to SWC

Attendance (committee members)

Jeff Curtis, UBC Okanagan

Lorne Hunter, Agriculture – dairy/retired and SWC community representative

Lily Kotzeva, Ministry of Environment and Climate Change Strategy

Dennis Lapierre, Agriculture – other (except 10:30 to 11:15)

Robyn Laubman, Splatsin Development Corporation (except 11:15 - 11:30, for discussion of application G)

Guests

Ian Walker, UBC Okanagan

Staff

Mike Simpson, Shuswap Watershed Council c/o Fraser Basin Council

Erin Vieira, Shuswap Watershed Council c/o Fraser Basin Council

Meeting Outcomes

1. Meeting summary from May 14, 2020 was approved
2. Consensus on which projects to recommend to the SWC for funding

Summary of discussions, decisions and action items

1. Welcome, Introductions, Agenda and Objectives

Mike Simpson welcomed everyone and thanked them for their time. Secwepemc territory (or the territory where participants attended from) was acknowledged. Introductions were made and the agenda was reviewed and accepted as presented.

Many regrets were noted: Megan Ludwig, Ralph van Dalssen, Laura Code, John DeDood.

2. Meeting Summary from May 14, 2020

The meeting summary from May 14, 2020, was approved. All action items are complete, in progress or on today's agenda.

3. SWC Granting Program Evaluation Procedures

Before commencing the review of the applications, a few comments were made:

- Mike reminded committee members that the applications are anonymous. The names and addresses of the applicants, maps, and other identifying information in the applications were removed. Instead of names, the applications are labelled A - G.

Item No.	Agenda item	Time
3-2	Old business: draft summary of the May 14 th WPAC meeting	9:30

- Mike explained that staff did a preliminary screen of the applications to ensure that they met the criteria outlined in the program guide
- Mike reminded committee members that if they have a conflict of interest with an application, to “leave the room” when it is being discussed
- The committee needs to decide if it is recommending the full \$100 000 is to be spent, or if only the applications that are fully supported should be funded
- It was raised that there is some uncertainty whether some projects applied for are regulatory in nature (i.e., required by law) or above and beyond regulatory requirements
- SWC funding for project materials and expenses is viewed more favourably than SWC funding for labour

Some committee members sent Mike their scores in advance, and some did not (it was not required). It was agreed to qualitatively discuss the applications, share perspectives and experiences based on whether the applications meet the stated criteria, and reach consensus on whether to recommend them for funding.

4. Application Evaluations

The following table summarizes the applications, whether they are recommended for SWC funding, any qualifying conditions or comments, and any rejection comments:

Application	Project type	SWC \$ ask	Recommendation to SWC	SWC \$ recommended
A	Various	See below	See below	See below
A-1	Flood mitigation	\$8000	Fund	\$8000
A-2	Liquid manure pit	\$3450	Do not fund	\$0
A-3	Dairy septic upgrade	\$7000	Do not fund	\$0
A-4	Divert spring, manure storage	\$10000	Fund diversion, not manure storage	\$5000 (est'd)
A-5	Fencing	\$2500	Fund	\$2500
B	Riparian restoration	\$36000	Do not fund	\$0
C	Liquid manure storage	\$15500	Fund	\$15500
D	Riparian restoration	\$36550	Do not fund	\$0
E	Cover crop demonstration	\$7350	Fund	\$7350
F	Manure	\$3920	Fund	\$3920
G	Fencing	\$18200	Fund	\$18200
Total		\$148470		\$60470

Item No.	Agenda item	Time
3-2	Old business: draft summary of the May 14 th WPAC meeting	9:30

Feedback on process for the future (some from May 14, 2020 meeting)

A few comments were made about the grant guidelines and application process:

- Accept applications outside of the Incremental Flow Sub-Watersheds (IFSW - see maps in the SWC's [Nutrient Research summary report](#)), anywhere with drainage modification, nutrient use
- Be more specific about what kinds of projects the SWC wants to support to achieve the outcome of reduced nutrient inputs to surface water (e.g., erosion control)
- Provide support to applicants on what kinds of activities would be useful or most likely to be successful to reduce nutrient movement (e.g., wetland construction)
- Consider the application process that the Environmental Farm Plan is using for their best management practices funding
 - Specify maximum funding ceiling per applicant
 - Specify in-kind and leveraging targets This shows that the dollars committed by SWC are getting a return on dollars committed to the original funding.
- Consider “bang for the buck” what that looks like and how we can evaluate it
- Encourage ‘group applications’ - i.e., a few neighbouring properties applying to do bank restorations, riparian planting, or wetland reclamation, to reduce these types of projects being done in isolation

5. Water Quality Monitoring Upstream of Mile 0 (Westwold) on Salmon River

Lorne suggested that continued monitoring of the Salmon River at additional sites will help us understand nutrient loading from Westwold where the river re-emerges from the ground. Lorne suggests monitoring at additional sites including Glenemma, Falkland, the Carrot Farm and other locations. Jeff agreed, this is a recommendation and there is a lot of activity above this reach. Erin noted that the only monitoring on the Salmon River this year is at the Hwy 1 bridge near the mouth of the river. Recommendations for monitoring should come from the Water Monitoring Group, which meets again in fall 2020 to make recommendations for 2021.

ACTION ITEMS:

Item	Responsibility	Date
Send any comments on the grant program guidelines and application form	Committee members	Ongoing
Include recommendations in agenda package for SWC meeting on June 17	Erin	By June 10
Follow up with each applicant, including those that were not recommended for funding	Mike	After June 17
Salmon River Water Quality Monitoring <ul style="list-style-type: none"> • Look at data from past studies • Discuss at SWC Water Monitoring Group, fall 2020 	Erin, Mike	Fall 2020

Next Meeting, Draft Agenda

TBD – likely next time there are applications to review.

Item No.	Agenda item	Time
4	Report from Program Managers	9:50

Program Managers' Report

The Annual Highlights Summary covers the SWC's program operations for April 2019 - March 2020 and it briefly highlights key activities and accomplishments since 2016. The eight-page summary was completed in April. It was emailed to SWC members on April 29th, as well as posted online at www.shuswapwater.ca. Print copies have been sent to municipal, first nations, and regional district administrative offices.

Financial summary for the year (April 1st 2019 - March 31st 2020)

INCOME

Source	Amount received (\$)
Surplus SWC funds (from March 31 st 2019)	186,896
CSRD (C, D, E, F and District of Sicamous)	160,000
TNRD	53,600
City of Salmon Arm	40,000
Adams Lake Indian Band	1300
Grant Funding: Transport Canada, Boating Safety Contribution Program	19,538
Total	461,334

EXPENSES

Program	Budget (\$)	Expenses (\$) Apr 1 st – Mar 31 st	Variance (\$)
Water Quality Program: Monitoring Initiative	51,150	41,964	9186
Water Quality Program: Protection Initiative	79,500	39,759	39,742
Zebra & Quagga Mussel Prevention Program	30,825	31,087	-262
Safe Recreation Program	26,050	25,810	240
Communications and Advocacy	42,200	39,967	2233
Administration and Governance	43,150	40,753	2397
Sub-total Operational Program Expenses	272,875	219,339	53,536
Operating reserve*	188,459	0	188,459
Total for 2019-20	461,334	219,339	241,995

* The Operating Reserve has been growing each year since 2016, as a result of annual surpluses. Within the reserve the SWC holds a \$20,000 water quality contingency fund that can be drawn from in case of arising water quality issues that require additional, unplanned monitoring or response. The fund has not been drawn from to-date.

Item No.	Agenda item	Time
4	Report from Program Managers	9:50

Revised budget for 2020-21

Revenue	Budget presented 11Mar2020 (\$)	Revised budget (\$)
2019-20 surplus (carry forward from March 31st 2020)		
Projected operational surplus	40,000	53,536
Operating Reserve (including \$20K Contingency Fund)	188,459	188,459
Per Contribution Agreement:		
CSRD Areas C, D, E, F and District of Sicamous	160,000	160,000
(deduct cost of CSRD voter assent process)	-25,000	-25,000
TNRD	53,600	53,600
City of Salmon Arm	40,000	40,000
Adams Lake Indian Band	1300	1300
External grant applications:		
Boating Safety Contribution Program (confirmed May 12 th)	20,550	20,550
Eco-Action (denied April 28 th)	100,000	0
Total Revenue	578,909	492,445

Revised work plan and expenses on next page ...

Item No.	Agenda item	Time
4	Report from Program Managers	9:50

Work plan and expenses		Work plan presented on 11 March 2020 (\$)	Revised work plan (\$)
Water Quality Program			
	Water Monitoring Initiative		
	Facilitate the Shuswap Water Monitoring Group	7850	7850
	Implement the watershed water quality monitoring plan	27,350	27,350
	<i>Sub-total Water Monitoring Initiative</i>	35,200	35,200
	Water Protection Initiative		
	Facilitate the Water Protection Advisory Committee	7600	7600
	Water quality improvement projects	206,000	106,000
	<i>Sub-total Water Protection Initiative</i>	213,600	113,600
Zebra and Quagga Mussel Prevention Program			
	Education, outreach and advocacy	35,400	35,400
Recreation Safety Program			
	Safety campaigns	24,000	24,000
	Safety equipment	3400	3400
	<i>Sub-total Recreation Safety Program</i>	27,400	27,400
Communications			
	Collateral	10,200	10,200
	Public engagement	21,300	21,300
	Annual water quality summary	17,200	17,200
	Communications strategy and social media		20,000
	<i>Sub-total Communications</i>	48,700	68,700
Administration			
	Council administration	27,350	27,350
	Financial management and fund development	15,800	15,800
	<i>Sub-total Administration</i>	43,150	43,150
Sub-total operational expenses		403,450	323,450
Operating Reserve (includes \$20K Contingency Fund)		175,459	168,995
Total Expenses		578,909	492,445

Item No.	Agenda item	Time
5	Research reports from UBC-Okanagan	10:10

Staff have received full reports from the research team at UBC-Okanagan, in conclusion of the nutrient research partnership. The reports can be viewed on the SWC website here:

https://www.fraserbasin.bc.ca/Water_Quality_Reports.html.

Summary...

Item No.	Agenda item	Time
6	Water Quality Grant recommendations	11:00

Background

The SWC approved the Water Quality Grant Program at a strategic planning workshop held on February 12th 2020. The purpose of the program is to protect water quality in the Shuswap by supporting landowners or agri-businesses improve, or minimize, nutrient-loading from land to surface waters. A program guide was developed, detailing eligibility criteria and the application and evaluation procedures. Staff promoted the \$100,000 water quality grant fund throughout the region and encouraged applications by the deadline of April 30th 2020.

Staff received applications from seven proponents, with a total ask of \$148,000. Staff performed an initial screening of the applications to ensure they met the prescribed criteria, and removed all identifying information from the applications so that they could be assessed anonymously. Next, the applications were reviewed in detail by members of the SWC Water Protection Advisory Committee according to a set of pre-determined evaluation procedures.

Recommendations

The Water Protection Advisory Committee recommends the following projects for funding:

Application	Project type	SWC \$ ask	Recommendation to SWC	SWC \$ recommended
A	<i>Various</i>	<i>See below</i>	<i>See below</i>	<i>See below</i>
A-1	Flood mitigation	\$8000	Fund	\$8000
A-2	Liquid manure pit	\$3450	Do not fund	\$0
A-3	Dairy septic upgrade	\$7000	Do not fund	\$0
A-4	Divert spring, manure storage	\$10000	Fund diversion, not manure storage	\$5000 (est'd)
A-5	Fencing	\$2500	Fund	\$2500
B	Riparian restoration	\$36000	Do not fund	\$0
C	Liquid manure storage	\$15500	Fund	\$15500
D	Riparian restoration	\$36550	Do not fund	\$0
E	Cover crop demonstration	\$7350	Fund	\$7350
F	Manure storage	\$3920	Fund	\$3920
G	Fencing	\$18200	Fund	\$18200
Total		\$148470		\$60470

Item No.	Agenda item	Time
6	New business: Communications strategy for 2020	11:45

Communications Strategy for 2020

(developed by Louise Wallace, Mediability Inc.)

The following communications strategy will be delivered primarily through social media, with resources also made available on the SWC website, www.shuswapwater.ca. If necessary, the SWC will point people to the Columbia Shuswap Regional District for information about voter assent.

Messaging in 2020 will focus on:

- “Shuswap Watershed Moment” #shuswapwatershedmoment
- It’s sustainable
- It’s made in the Shuswap
- It integrates and collaborates
- It’s measurable and affordable
- It’s important
- It’s non-substitutable

Several communications tactics are being developed, including:

- A master plan with segments (audiences), posts, timeline, and tracking
- Frequently Asked Questions
- Facts
- History
- Ally list
- Third party testimonials
- Stories and photos

These tactics are thoughtfully designed to address different audiences.

