

AGENDA PACKAGE FOR:

Council Meeting Thursday December 8th | 10:15 AM – 2:15 PM Columbia Shuswap Regional District Boardroom 555 Harbourfront Drive NE, Salmon Arm

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Item No.	Name	Time
1	September 19 th SWC meeting summary for approval and signature	10:25

Council Meeting September 19th 2016 | 10:30 AM – 2:30 PM Columbia Shuswap Regional District Boardroom 555 Harbourfront Drive, Salmon Arm

Draft Record of Decisions and Action Items <u>Note:</u> this record is subject to correction when adopted at the next SWC meeting

Meeting objectives

- 1. Receive update on the Water Protection Initiative and approve SWC-funded projects, as recommended by the Water Protection Advisory Committee
- 2. Receive update on the 2016 Recreation Safety Education Program
- 3. Receive guest presentation from the BC Ministry of Forests, Lands and Natural Resource Operations staff person(s)

Present

Paul Demenok, Chair – CSRD Area 'C' Larry Morgan, Vice Chair – CSRD Area 'F' Rene Talbot – CSRD Area 'D' Rhona Martin – CSRD Area 'E' (joined at 11:05 AM) Nancy Cooper – City of Salmon Arm Todd Kyllo – District of Sicamous Rick Berrigan – TNRD, Village of Chase Peter Milobar – TNRD, City of Kamloops Dave Nordquist - Secwepemc Nation, Adams Lake Indian Band Herman Halvorson – RDNO, Area 'F' Tundra Baird – RDNO, City of Enderby (departed at 12:45 PM) Dennis Einarson – BC Ministry of Environment Laura Code – BC Ministry of Agriculture Ray Nadeau – Community representative Randy Wood - Community representative Lorne Hunter – Community representative

Erin Vieira and Mike Simpson – Fraser Basin Council

Guests: Kimm Magill-Hofmann, Ray Crampton, Jeff Nitychoruk

Observer(s): Bob Misseghers, Al Capas, Peter Vander Sar

Regrets: Greg Witzky

Call to Order	The meeting was called to order at 10:30 AM
Agenda Amendment	Chair Demenok suggested that the first agenda item (Convene in camera) be moved down on the agenda to be the last item before lunch.

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1	September 19 th	SWC meeting summary for approval and signature	10:25
Adoption Summary	of Meeting	Moved/Seconded by Mayor Berrigan and Director Talbot that: The meeting summary of the May 3 rd 2016 meeting of the SWC be adopted.	
Report fro	om Chair	Chair Demenok updated the SWC on the grounded houseboat in Eag Bay. Staff from the BC Ministry of Forests, Lands and Natural Resour Operations worked with the CSRD to place a public notice on the abandoned vessel and after a period of time the vessel was removed disposed of. The chair commented that the process for dealing with abandoned vessels is unclear and the length of time to respond to the matter was less than ideal. Chair Demenok is participating at the <i>Watersheds 2016</i> conference of October 1 st 2016 in Vancouver; he will be a panelist for a session ent	ce d and nis on
		Show Me the Money: sustainable funding for watershed organizatio	ns.
Report fro Managers	om Program	 Erin Vieira reported on the program managers' activities since the M 2016 SWC meeting: Terms of Reference (v.3) document has been updated, circuland posted online Organized meeting of Chair, Vice Chair, and Adams Lake Ind Band re: financial contribution Liaised with Okanagan Nation re: representation and particlin SWC Facilitated inaugural and follow-up meetings of the SWC Wat Protection Advisory Committee (May 24th and June 27th) to a learning, and input/recommendations to the Water Protection Initiative (detailed report is provided below) Ongoing liaison with UBC-O re: phosphorus research Developed brochure about the Shuswap watershed and the water protection initiative; distributed via CSRD's Septic Smatcampaign to ~ 1500 residences Refined and implemented Recreation Safety Education Prog for 2016, including safety public service announcements, radicards, whistles, and support for <i>Kids Don't Float</i> lifejacket kie (detailed report is provided below) Early stages of planning the exploratory water quality monit for emerging threats project for 2017 (Water Monitoring ProActivity F) 	lated, ian pation tter enable on SWC's art ram ck osks oring ogram,
		or mechanisms to further distribute the Water Protection Initiative brochure. Mayor Cooper suggested the possibility of placing brochu with Salmon Arm utility bills in February.	

Ray Nadeau inquired about when a water quality report for 2016 would be

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ready. Dennis Einarson volunteered to prepare a brief verbal report on the Ministry of Environment monitoring results at the December SWC meeting; Mike Simpson noted that a comprehensive watershed report will be ready in Spring 2017.

Action Item: staff will look for opportunities to further distribute the brochures, and print additional brochures if needed.

Mike Simpson reported the income for this year (April 1st 2016 to March 31st 2017):

- Surplus from March 31st 2016 of \$56,240
- TNRD contribution of \$53,600 received
- CSRD contribution of \$108,900 received
- City of Salmon Arm contribution of \$40,000 received
- Total income for 2016-17 is \$259,640

Mike Simpson reported the expenses for the first quarter, April 1^{st} – June 30th 2016:

- \$1733 on the Water Quality Monitoring program¹
- \$53,434 on the Water Protection program
- \$7384 on the Recreation Safety Education program
- \$7353 on communications
- \$7687 on management and administration

Mike Simpson presented an update on the Water Protection Initiative:

- Nutrient research project led by UBC-O is underway. Methodology is set, instrumentation is in place and monitoring commenced in Spring 2016.
 - The Water Protection Advisory Committee met on May 24th and June 27th. The committee membership is ratified, a Terms of Reference was approved, and committee members have learned about the SWC's Water Protection Initiative and had a Q&A session with Dr. Jeff Curtis regarding the phosphorus research project.
 - Staff developed a Water Protection Initiative brochure and it was distributed via the CSRD's Septic Smart campaign in July August 2016 to approximately 1500 residences.

Director Martin joined the meeting at 11:05 AM

Mike Simpson presented the recommendations from the Water Protection Advisory Committee for projects in 2016-17:

- I. Alderson Creek restoration. Cost to SWC: \$7500
- II. Lower Gardom Creek restoration. Cost to SWC: \$2500

Update on Water

Protection Initiative

¹ Most water quality monitoring expenses are billed at the end of the year (even though they are accrued throughout the year)

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III. Special presentations and guest speakers. Cost to SWC: \$6000

Moved/seconded by Directors Morgan and Talbot that: The three project recommendations be approved as presented, with funds to be spent by March 31st 2017.

Discussion: Lorne Hunter commented that he's been impressed by the process to-date for the phosphorus research.

Chair Demenok inquired about the possibility of measuring improvements to the restored/remediated sites, and the importance of publicizing these works once they are completed.

Ray Nadeau inquired if it would be appropriate for SWC members or members of the public to bring forth ideas for the restoration/remediation plan in future years. He specifically mentioned the issue of White Creek and opportunity to restore water quality. Dennis Einarson pointed out that a limiting factor is the absence of a stewardship or community group for White Creek. Mike Simpson noted that it would be fine for SWC members of members of the public to raise concerns about restoration/remediation projects with the Water Protection Advisory Committee.

Laura Code confirmed that year four and five of the SWC's work plan is to direct funding to specifically address the results of the nutrient research.

CARRIED

Action item: staff will distribute the September progress report from UBC-O to SWC members.

Action item: staff will find out how/what measurements are incorporated into the Alderson Creek and Lower Gardom Creek projects, and that photos are taken throughout the projects for use in promotion/ communications.

Action item: the Chair will discuss measurable objectives (as referenced in the 'old' Program Terms of Reference) and its suitability for incorporating them into the current Terms of Reference v.3 and the operations of the SWC.

Action item: staff will re-connect with Jamie Felhauer of the Salmon River Watershed Roundtable to find out if their group is active or not, and to be sure they are aware of the SWC's contributions to restoration/remediation works.

Action item: staff will request that SWC members receive an invitation to educational seminars/presentations taking place in late winter 2017.

Item No.	Name		Time
1	September 19 ^{tr}	⁹ SWC meeting summary for approval and signature	10:25
Agenda A	Amendment	Chair Demenok suggested that the Roundtable Updates be moved the agenda.	up on
Roundtal	ole Updates	Randy Wood raised the issue of dredging in Salmon Arm Bay. He has observed that it's a 'hot' issue, with many community and govern groups involved. Randy inquired as to whether the SWC considers part of its mandate, and if any members of SWC can provide further information about dredging Salmon Arm Bay. Mayor Cooper noted cost of dredging is a limiting factor. Chair Demenok commented th although dredging and water quality are linked, the SWC will not ta position on dredging.	nent this as er I that at
		Councillor Kyllo expressed concern that the invasive mussels prever program that was implemented this summer by the provincial gove was not expansive enough. He inquired as to whether there is an opportunity for the SWC to collaborate with the Province on the pre- in the future. Director Martin further commented that the invasive mussels prevention program seems like a suitable opportunity for SWC to support in future. Mike Simpson commented that at minim staff can do additional communications work starting next year.	ernment rogram the
		Action item: staff will inquire about arranging for a presentation o invasive mussel prevention at the December SWC meeting from th province and the Columbia Shuswap Invasive Species Society.	
		Action item: staff will liaise with the Columbia Shuswap Invasive Sp Society and others re: communications on invasive mussels preven beginning next spring	
In Camer	a	Moved/Seconded by Directors Morgan and Mayor Berrigan that: Pursuant to Section 90(1)(a):	
4		 Personal information about an identifiable individual who is being considered for a position as an officer, employee of of the Regional District of another position appointed by the Regional District of the Community Charter, the SWC move In Camera. 	or agent
		CARRIED	
		The regular meeting of the SWC re-convened at 12:12 PM.	
	of In Camera summary	Moved/Seconded by Directors Morgan and Talbot that: The meeting summary of the May 3 rd 2016 in camera meeting of th be released.	ne SWC
		CARRIED	
Break		SWC members took a lunch break from 12:15 – 12:45 PM	

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Councillor Baird left the meeting at 12:45 PM

Update on the Recreation Safety Education Program	 Erin Vieira presented an update on the Recreation Safety Education Program: Safety campaigns were delivered throughout the boating season focusing on lifejacket use, boating preparedness, boating sober and cold-water safety. Newspaper, radio, and social media platforms were used, in addition to the distribution of rack cards to 25 locations in the Shuswap watershed SWC formed a partnership with the Royal Canadian Marine Search & Rescue (AKA Shuswap Lifeboat Society) and provided a 50% cash contribution for a <i>Kids Don't Float</i> lifejacket lending kiosk (the RCM-SAR leads the initiative and has built four kiosks in the watershed to-date) Safety whistles were purchased and distributed in late summer to recreationists; this will continue next year A concise program analysis has indicated that the program is the only boating safety education program specific to the Shuswap that targets the general public; it was observed that the various initiatives of the program were well-received, in particular the rack cards and the <i>Kids Don't Float</i> partnership.
	<u>Discussion</u> : Mayor Cooper expressed her appreciation for the SWC's support of the <i>Kids Don't Float</i> initiative and relayed the positive feedback she has heard about it.
	Ray Nadeau inquired if the campaigns included awareness for 'silent drowning'; Erin explained that it's been part of the Red Cross campaigns but can be included in the SWC's work next year.
	Director Martin commented that she's heard positive feedback for the safety campaigns. She suggested working with Shuswap Tourism to ensure that safety messaging can be part of their collateral.
	Chair Demenok commented that although there was divided support for the recreation safety education program in the planning stages, it seems to have proven itself to be a worthwhile endeavor for the SWC.
4	Action item: staff will include drowning awareness as part of the campaigns in 2017.
Guest Presentation	Chair Demenok introduced Kimm Magill-Hoffman, Senior Water Authorizations Officer, BC Ministry of Forests, Lands and Natural Resource Operations (FLNRO) and explained a presentation to the SWC is a follow- up to a meeting he had with her in the spring.
	Ray Crampton, District Manager, FLNRO, explained that the Okanagan-

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1	 September 19th SWC meeting summary for approval and signature Shuswap district encompasses a portion of BC's southern interior fr Canada-US border north to the Seymour River, east beyond Sicamo Lumby, and west to Chase and beyond Keremeos. He further explai that the mandate of FLNRO has expanded over the years from doing forestry to now also being involved in wind farm tenuring, emergen such as landslides and flooding, and drought. Kimm gave an overview of the <i>Water Sustainability Act</i>: On February 29 2016 the <i>Water Act</i> was repealed and the <i>V</i> <i>Sustainability Act</i> was enacted Key changes under the WSA include new water rights and licensing requirements for groundwater users, and stronger protection for aquatic ecosystems and consideration of environmental flow needs Drought management is top-of-mind and the WSA has enabling mechanisms for better drought management 'First in time, first in right' allocation scheme carries forward under the WSA SWC members noted their opposition to future diversions of water the Shuswap watershed. 	om the us and ned g cies <i>Water</i>
Adjourn	Moved/Seconded by Mayor Berrigan and Mayor Cooper that: The meeting be adjourned. CARRIED	
CERTIFIE	The meeting adjourned at 1:46 PM.	

Item No.	Name	Time
2-1	Correspondence item 1: Shuswap Lifeboat Society, November 8 th 2016	10:30



Shuswap Lifeboat Society

PO Box 661 Sicamous, BC VOE 2V0 Operating RCMSAR Station 106

November 8, 2016

Shuswap Watershed Council c/o Fraser Basin Council Society Attn. Erin Vieira

Dear Members of the Shuswap Watershed Council,

Please find attached the official receipt for your recent and kind donation that supported the construction and installation of a Kids Don't Float kiosk at the Downtown Salmon Arm boat launch. A special thanks to Paul Demenok for attending the photo shoot at the kiosk.

This kiosk brings to five the number that have been installed on Shuswap Lake this summer. The public's response to this initiative has been most positive as we have heard a number of individual stories of people borrowing life jackets. We have plans to construct and install three more such kiosks on Shuswap Lake next spring as funding comes available. These kiosks will be located at the CSRD boat launches in Blind Bay, Sorrento and Anglemont.

To date this year we have had 20 incidents on the lake. Sadly three lives were lost but on the other hand 17 lives saved. We believe that our presence on the lake and our proactive efforts through our school education and Kids Don't Float programs have decreased the incidents from the past on the lake. As we increase our commitment, through a second boat in 2017 and further commitment from our volunteers we believe we can minimize accidents that are avoidable (which are all of them) and make our Lake as safe as possible. Our future plans include enhancement of our educational program, additional Kids Don't Float kiosks and the commencement of volunteer boat checks for the 2017 season.

Your donation assists our Station to "Save Lives on the Water". Again thanks for your generous donation and please remember that Rob Sutherland (Station Leader) and myself are always available to provide the Council with a briefing on our Station at any of your next meetings.

Yours truly,

Bruce Weicker President, Shuswap Lifeboat Society

Item No.	Name	Time
2-2	Correspondence item 2: Chair's presentation at Watersheds 2016 conference, October 1 2016	10:30



Watersheds 2016 October 1, 2016









Item No.	Name	Time
2-2	Correspondence item 2: Chair's presentation at <i>Watersheds 2016</i> conference, October 1 2016	10:30







Item No.	Name	Time
2-2	Correspondence item 2: Chair's presentation at Watersheds 2016 conference, October 1 2016	10:30





Item No.	Name	Time
3	Report from Program Managers: financial update for information	10:45

Staff Report: SWC finances to end of second quarter (September 30th 2016)

INCOME (unchanged since last report)				
Source	Amount budgeted (\$)	Amount received (\$)	Difference (\$)	
Surplus SWC funds (2015-16)	56,240	56,240	0	
TNRD	53,600	53,600	0	
CSRD (C, D, E, F and District of	108,900	108,900	0	
Sicamous)				
City of Salmon Arm	40,000	40,000	0	
Total	259,640	259,640	0	

EXPENSES			
Activity (per 5-yr plan)	Budget (\$)	Totals Q1 + Q2 ² (\$)	Budget remaining at Oct 1 st 2016
Water Quality Monitoring – team/annual work planning (TH645)	6000	3027	2973
Water Quality Monitoring Expenses (TH646)	34,300	0	34,300
Water Quality Monitoring – database/access to data (TH647)	10,000	0	10,000
Water Quality Monitoring – investigate historical data (TH648)	0	0	n/a
Water Quality Monitoring – exploratory monitoring (TH649)	7500	2480	5020
Water Quality Monitoring – contingency	20,000	0	20,000
Water Quality Protection – advisory committee (TH650)	5500	6858	-1358
Water Quality Protection – Phosphorus research (TH651)	50,000	47,620	2380
Water Quality Protection – water quality improvement projects/remediation (TH652)	10,000	0	10,000
Water Quality Protection – nutrient management education (TH653D)	6000	0	6000
Water Quality Protection – promote other information (TH653E)	1000	1871	-871
Recreation Safety Education campaigns (TH654)	9500	12,094	-2594
Communications – SWC brand (TH655A)	5000	2667	2333
Communications – collateral (TH655B)	10,000	2219	7781
Communications – public engagement (TH656)	8000	5981	2019
Communications – annual water quality report (TH657)	4500	0	4500
Management and facilitation (TH658)	13,000	10,455	2545
Administration and fund development (TH659)	16,000	6793	9207
Total to-date	216,300	102,065	114,235

² Q1 = April 1^{st} – June 30th 2016; Q2 = July 1^{st} – September 30th 2016

I	ltem No.	Name	Time
4	4	[excerpt] Shuswap Watershed Water Quality Terms of Reference, v.5 (June 16 th 2014)	11:05

Shuswap Watershed Water Quality Program (Commencing 2015) TERMS OF REFERENCE v. 5 Revised as at June 16th 2014

At a strategic planning meeting held September 11, 2013, the Shuswap Lake Integrated Planning Process (SLIPP) Steering Committee reflected on the three year SLIPP pilot project, and provided input on a vision, objectives and other elements of a successor program, the 'Shuswap Watershed Water Quality Program'. These terms of reference are based on a the input provided at that meeting, the subsequent Steering Committee meeting of October 22, 2013, and individual input from Steering Committee members during November. These terms of reference were approved by the Steering Committee on December 4th 2013 and revised on June 16th 2014.

WHAT IS IT?

The Shuswap Watershed Water Quality Program (SWWQP) is proposed to be a collaborative program.

VISION of the Shuswap Watershed Water Quality Program: Enhanced water quality that supports human and ecosystem health and the local economy in the Shuswap watershed.

OBJECTIVES of the Shuswap Watershed Water Quality Program

1. COLLABORATE with all water quality monitoring partners and regulatory agencies to maintain and enhance the quality of water in the Shuswap watershed for the following reasons:

- To ensure that standards for safe drinking water are met or exceeded
- To support the economic and recreational benefits of good water quality including tourism, boating, fishing, swimming and sustainable development
- To avoid duplication of effort, save time and money, and work with partners through a fair and equitable resourcing of the program

Strategies:

- Identify sources and causes of pollution and degradation
- Explore and develop action plans designed to remedy pollution
- Recommend implementation/action tasks to partner agencies; OR
- Undertake actions directly through SWWQP (subject to funding)
- Encourage new or modified management approaches that improve water quality
- Oppose further diversions of water from the Shuswap watershed
- Support in principle the development of community sewer and water systems in rural areas of the CSRD where there is significant benefit to doing so

Goals/metrics associated with this objective:

- Water quality is within existing guidelines (or establish our own through this process)
- Number, type and extent of algae blooms
- Number of water quality issues caused by humans or human activity, vs. natural causes
- Number of boil water notices or water quality advisories issued
- Number of beach closures
- Number of new or modified management approaches due to water quality information

2. COORDINATE and report on water quality information in the Shuswap watershed

Strategies:

- Coordinate all collection and analysis of water quality monitoring data in the Shuswap watershed in a cost-effective manner
- Utilize science and objective data to support decision making
- Provide broad and open access to these data

Item No.	Name	Time
4	[excerpt] Shuswap Watershed Water Quality Terms of Reference, v.5 (June 16 th 2014)	11:05

Goals/metrics associated with this objective:

- Number of partners involved in data gathering and collection
- Partner evaluation of SWWQP data collection, coordination and reporting
- Proportion of total budget contributed
- Leveraging of in-kind time and expenses

3. COMMUNICATE with, inform and engage residents, visitors and the public and private sectors about water quality and the activities of the program

Strategies:

- Provide the public with educational communications about the quality of water in the Shuswap watershed
- Engage residents and all relevant interests to participate in water quality enhancement

Goals/metrics associated with this objective:

- Number of residents and relevant interest groups in the public and private sectors engaged
- Number of students or classes engaged
- Evaluation of SWWQP communication by residents and all relevant interest groups
- Participation at meetings
- Number of website hits or downloads of information
- Engagement levels on social media sites

4. From time to time, the Shuswap Watershed Council will consider projects that EDUCATE recreational users about safety on the water

Strategies:

- Distribute information promoting safety in or on the water
- Meet with agencies/businesses/organizations with a safety mandate to determine effective ways that SWWQP can promote safety and minimize duplication

Goals/metrics associated with this objective:

- Number of safety partners engaged with
- Number of interactions/meetings with residents, visitors and the public and private sector groups
- Number of safety related incidents on the water

Item No.	Name	Time
5	Proposed meeting schedule for 2017, for approval	1:45

Proposed meeting schedule for 2017:

Meeting times will be 10:00 AM – 2:30 pm unless otherwise noted.

Location of meetings will be the CSRD Boardroom if it's available; if not, the meeting will be held in an alternative location in the Shuswap watershed.

Timing	Proposed date(s)	Draft agenda item(s)
1 st quarter	Wednesday Feb 22 nd (4 th W) Thursday Feb 23 rd (4 th Th)	 Election of Chair, Vice Chair Einancial undate
	Wednesday March 8 th (2 nd W)	r maneiar apaate
		 2017 budget and work plan approval
		Business arising
2 nd quarter	Wednesday May 10 th (2 nd W)	Financial update
	Wednesday May 24 th (4 th W) Thursday May 25 th (4 th Th)	Business arising
3 rd quarter	Wednesday Sept 13 th (2 nd W)	Financial update
	Wednesday Sept 20 th (3 rd W)	Business arising
4 th quarter	Thursday Dec 7 th (1 st Th)	Financial update
	Wednesday Dec 13 th (2 nd W)	Business arising

2017 dates of interest to SWC members			
Conferences/Conventions	LG and FN regular meeting schedules	Other organizations/committees/ events	
LGLA – Feb. 1 st – 3 rd	CSRD Board – third Thursday, 9:30 AM (except March and December)	ORL Board – Feb. 15 th , May 17 th , Sept. 20 th , Nov. 15 th	
SILGA – April 25 th – 28 th	TNRD Board – every other Thursday, 1:00 PM	NODEAC seminar – February TBC	
FCM – June 1 st – 4 th	Salmon Arm Council – second and fourth Monday, 1:30 PM	CSRD C.O.W. (budget) – Jan. 18 th and Feb. 15 th	
UBCM – Sept. 25 th – 29 th	Sicamous COW and Council – second and fourth Wednesday, 3:00 PM	Shuswap EcDev/Shuswap Tourism – Feb. 2 nd , May 4 th , Sept. 7 th , Dec. 7 th	
	Adams Lake Indian Band – every Tuesday, time varies		
	RDNO Board – first and third Wednesday, 4:00 PM	-	
	SNTC – first Wednesday		
	Enderby Council – first and third Monday, 4:30 PM		