



# COUNCIL MEETING

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Shuswap Watershed Council  
June 12th 2024 • 9:30 AM – 12:00 PM



# PROGRAM MANAGERS' REPORT

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# ACTION ITEMS FROM LAST MEETING

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- Staff will follow up with all Water Quality Grant applicants to schedule site visits and enter into Contribution Agreements with the four approved projects. Staff will gather more information about the two fencing applications and get clarity on agricultural regulations for fencing, and bring them back to the SWC via email or at the June meeting for approval. ✓
- Staff will look into grants-in-aid from regional districts and municipalities

# YEAR END FINANCIAL REPORT

REVENUE SOURCE – AS OF MARCH 31 <sup>ST</sup> 2024	BUDGET (\$)
2022-23 operational surplus	47,656
2022-23 funds allocated and carried forward to 2023-24 projects (water quality grants)	53,004
<i>Per Contribution Agreement:</i>	
CSRD (Areas C, D, E, F, G and District of Sicamous)	160,000
TNRD	53,600
City of Salmon Arm	40,000
Adams Lake Indian Band	1300
<i>Federal grant funding:</i>	
Transport Canada - Boating Safety Contribution Program	24,025
Environment & Climate Change Canada – Fraser River Freshwater Ecosystem Initiative	40,000
<b>Summary of revenue for 2023-24</b>	<b>419,585</b>

# YEAR END FINANCIAL REPORT

WORK PLAN	BUDGET		EXPENSES		VARIANCE
	Program mgmt.	Disbursements	Program mgmt.	Disbursements	
Water Quality Monitoring Program					
• Shuswap Water Monitoring Group	7200	0	7493	0	(293)
• Water monitoring expenses	2200	21,900	600	21,037	2463
• Annual Water Quality Report	5800	7200	4880	8402	(281)
<b>Sub-total</b>	<b>15,200</b>	<b>29,100</b>	<b>12,973</b>	<b>29,438</b>	<b>1888</b>

# YEAR END FINANCIAL REPORT

WORK PLAN	BUDGET		EXPENSES		VARIANCE
	Program mgmt.	Disbursements	Program mgmt.	Disbursements	
Water Quality Protection Program					
• Advisory Committee	4200	0	4173	429	(402)
• Water Quality Grant Program	9800	118,464	9827	52,849	65,588
• Wetland Strategy	12,600	51,400	11,280	36,398	16,322
• Climate change research (TRU)	600	3000	560	3000	40
<b>Sub-total</b>	<b>27,200</b>	<b>172,864</b>	<b>25,840</b>	<b>92,676</b>	<b>81,548</b>

# YEAR END FINANCIAL REPORT

WORK PLAN	BUDGET		EXPENSES		VARIANCE
	Program mgmt.	Disbursements	Program mgmt.	Disbursements	
Zebra & Quagga Mussel Prevention Program					
• Education and outreach	6600	33,300	6800	34,251	(1151)
Safe Recreation Program					
• Safety campaigns	10,000	20,000	9920	13,925	6155
Communications & Advocacy					
• Communications collateral	6100	3250	5907	4509	(1065)
• Public and media engagement	17,400	9650	19320	10,159	(2429)
• Advocacy	4200	0	3213	0	509
<b>Sub-total (Comm. &amp; Adv.)</b>	<b>27,700</b>	<b>12,900</b>	<b>28,440</b>	<b>14,668</b>	<b>(2508)</b>

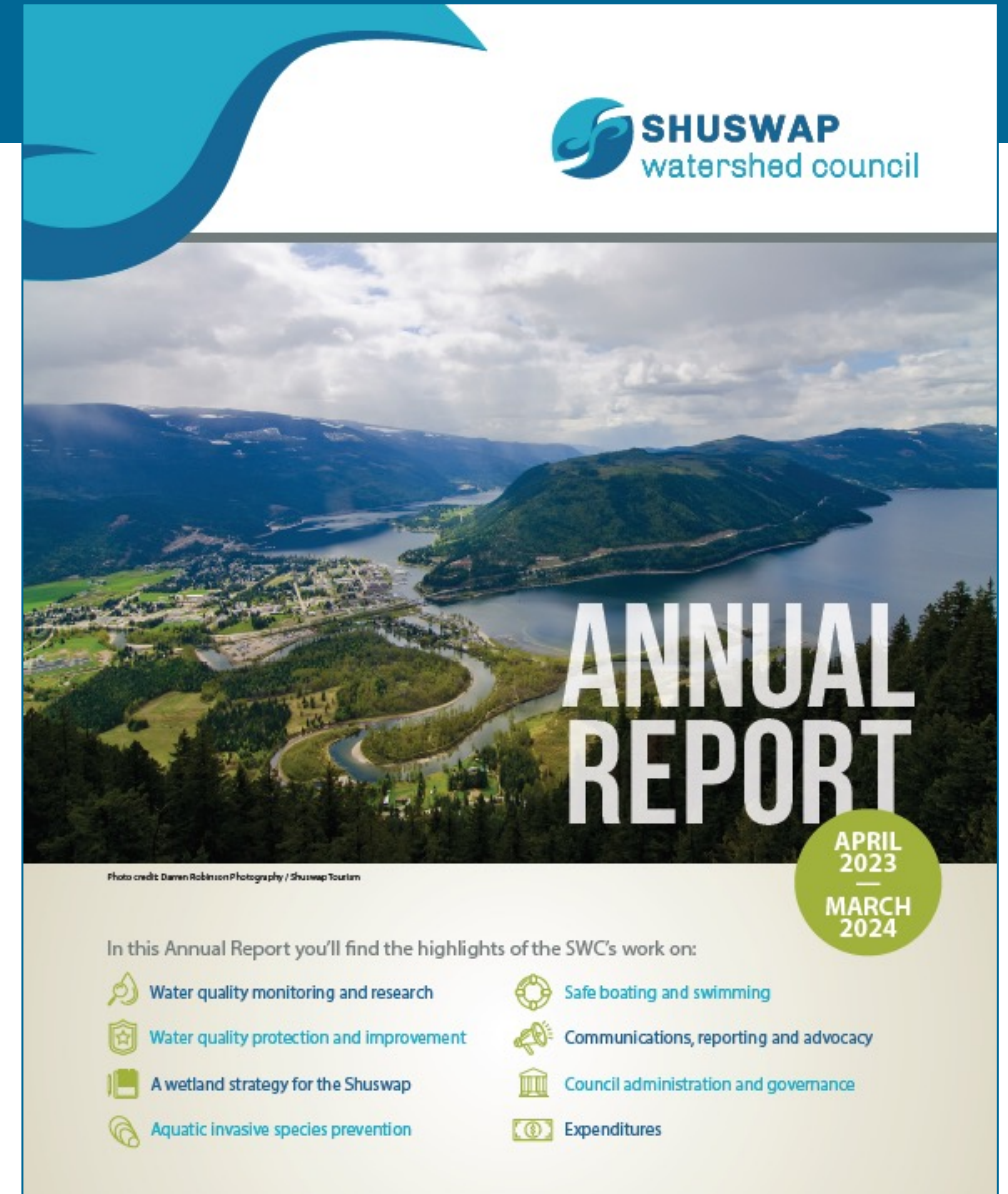
# YEAR END FINANCIAL REPORT

WORK PLAN	BUDGET		EXPENSES		VARIANCE
	Program mgmt.	Disbursements	Program mgmt.	Disbursements	
Management & Administration					
• Council meetings, work planning, liaise with Chair and Vice Chair	20,800	2600	23,007	1405	(1012)
• Financial management, fund development	16,700	0	16,547	0	153
<b>Sub-total (Mgmt. &amp; Admin.)</b>	<b>37,500</b>	<b>2600</b>	<b>39,553</b>	<b>1405</b>	<b>(858)</b>
<b>Totals (all programs)</b>	<b>124,200</b>	<b>270,764</b>	<b>123,527</b>	<b>186,363</b>	<b>85,074</b>
2023-24 contribution to Operating Reserve		24,621		24,621	0
<b>Summary of expenses</b>		<b>419,585</b>		<b>334,511</b>	<b>85,074</b>



# YEAR END HIGHLIGHTS

- Working together on water
  - 10 organizations participate in SWC
  - 19 organizations participate in monitoring group
- Water Quality Grant Program
  - 5 grants awarded = 5 restoration/env. protection projects completed
  - \$52,760 SWC funds awarded which leveraged additional \$56,869 in watershed restoration
- Wetland strategy
  - Wetland data collection and analyses completed to inform a wetland strategy for the Shuswap
- Zebra & Quagga Mussel Prevention Program
  - 95 water samples collected and tested for ZQM from 15 sites on seven waterbodies
  - Educational campaigns had ~ 2.5 million impressions
- Safe boating and recreation
  - Safety campaigns had 686,000 impressions
- Two new watershed research projects with universities
- New and ongoing communiques and advocacy



# PROGRAM OPERATIONS SINCE LAST COUNCIL MEETING

- Community Water Monitoring Grant Program
- Water Quality Grant Program
- Wetland strategy
- Watershed research projects
  - Climate change research by Tay Powrie, Thompson Rivers University – later agenda item
  - Floating treatment wetlands research by Margot Webster, Royal Roads University
- Zebra & Quagga Mussel Prevention
- Safe boating and recreation
- Communications
- Administration



# Community Water Monitoring Grants

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- New for 2024-25
- \$3000 budget approved in March
- Staff created program guidelines and are administering the program
- Community and stewardship groups invited to apply, rolling intake period (no deadline)
  - Gardom Lake Stewardship Society
  - White Lake Resident Association
- Some budget remaining for this year



Photo: Valerie Walsh



Photo: Sunnybrae Winery

# Water Quality Grant Program

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- Six projects (by five applicants) recommended and approved for funding in 2024-25
- Staff completed site visits with all applicants in April
- Contribution Agreements in place with all grant recipients and work is underway
  - Sunnybrae Winery – Fertigation and cover-crop management
  - Gietema Farms – installation of 'Precision GPS' on farm equipment
  - Syme Farms – manure storage improvement
  - Foxtrot Dairy – new livestock fence along creek on farm
  - Jeff Czepil – new livestock fence along creek on farm



## Phase 2 Wetland Strategy

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- Associated Environmental Inc. have submitted their report on the Shuswap Watershed Wetland Strategy Phase 2
- Staff have completed reporting to the funder, Environment & Climate Change Canada, for 2023-24
- Four strategic directions for a wetland strategy for the Salmon Arm Bay catchment were identified in the consultant's report:
  - Wetland protection, conservation and restoration
  - Partnerships
  - Advancing local wetland knowledge
  - Wetland education
- Next step is to convene the Wetland Strategy committee to review the data and discuss plans moving forward.



## Watershed research

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- Staff worked with Margot Webster and Royal Roads University to sign a contribution agreement for the Floating Treatment Wetlands research
- Media release and CBC radio interview about the project has generated some local interest in it





# Zebra & Quagga Mussel Prevention

- Educational ZQM prevention campaigns underway
  - 'Invasive Species Action Month' (May)
  - Articles and advertisements in newspapers, travel/tourism literature, radio and social media
  - 3 billboards on TCH
- New order from Province of BC announced May 17<sup>th</sup> requiring watercraft drain-plugs to be pulled prior to driving on BC roads

shuswapwater.ca

## STOP THE SPREAD OF AQUATIC INVASIVE SPECIES IN THE SHUSWAP!

To avoid accidentally introducing invasive Zebra and Quagga Mussels to the Shuswap, or moving other aquatic invasive species such as invasive clams from one waterbody to another, **you should:**

- ❗ **Clean. Drain. Dry.**  
**Clean** ALL watercraft, trailers and equipment including waders and fishing gear.  
**Drain** all compartments and items holding water (such as bilge, wells and buckets) onto dry land.  
**Dry** all items completely before launching into another body of water.
- ❗ **STOP at Watercraft Inspection Stations as you pass them in your travels.**  
All types of watercraft must stop for inspection.
- ❗ **Don't let it loose!**  
Never release aquarium plants, animals, or water into the environment or down a drain.

May is Invasive Species Action Month!

**SHUSWAP** watershed council  
#DONTMOVEAMUSSEL

# Bringing a boat to BC?

## Watercraft inspection stops the spread of invasive mussels

To learn more, visit [shuswapwater.ca](http://shuswapwater.ca)

#DONTMOVEAMUSSEL








**SALMON ARM OBSERVER**


Home · Impress

**SPONSORED CONTENT**

### Guarding the Shuswap: The battle against aquatic invaders

Preventing the spread of invasive species is more crucial than ever



AA saobserver.net

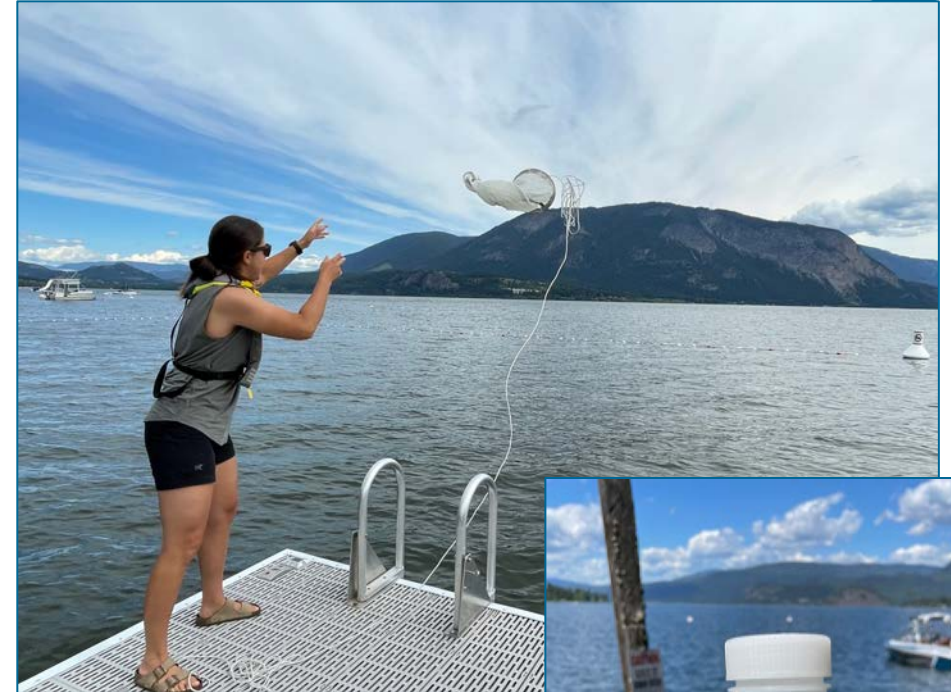




# Zebra & Quagga Mussel Prevention


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- Partnership with CSISS to do early-detection monitoring for ZQM
  - Contribution agreement in place for 2024 between SWC and CSISS
  - Monitoring at 12 sites on six waterbodies is underway
  - CSISS also receives funding from the Habitat Conservation Trust Foundation



# Safe boating and recreation

- Safety campaigns launched on May long weekend, will continue throughout summer months
- 8 tips for safety on the water
- Availability of lifejackets for kids from 20 kiosks
- Received notification from Transport Canada on May 30<sup>th</sup> that application for \$24,391 was turned down
  - Federal funding over-subscribed, staff have asked for more feedback on our application




## KIDS DON'T FLOAT— but lifejackets do!

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


**20 PFD loaner stations located around the Shuswap!**


1	Sicamous Boat Launch	Sicamous
2	Old Town Bay Boat Launch	Sicamous
3	Canoe Beach Park	Canoe
4	Downtown Salmon Arm Boat Launch	Salmon Arm
5	Sunnybrae Community Park	Sunnybrae
6	Herald Provincial Park	Sunnybrae
7	Harbour Road Boat Launch	Blind Bay
8	Sandy Beach Community Park	Blind Bay
9	Markwart Road Boat Launch	Sorrento
10	Shuswap Lake Provincial Park	Scotch Creek
11	Magna Bay Wharf Road Park	Magna Bay
12	Memorial Park Boat Launch	Chase
13	Oxford Road Lake Access	Swansea Point
14	Beswick Road Community Park	Seymour Arm
15	Bristow Road Boat Launch	Celista
16	Belvidere Park	Enderby
17	Tuey Park	Enderby
18	Shannon Beach	Eagle Bay
19	White Lake Community Park	White Lake
20	Pebble Beach—Mini Kiosk	Blind Bay



### 8 TIPS for Having Fun and Staying Safe in the Shuswap

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

 **ROYAL CANADIAN MARINE SEARCH & RESCUE**  
 Saving Lives on the Water  
 Station 106 - Shuswap  
[rcmsar106.ca](http://rcmsar106.ca) | [RCMSAR106](https://www.facebook.com/RCMSAR106)

 **SHUSWAP watershed council**  
[shuswapwater.ca](http://shuswapwater.ca)

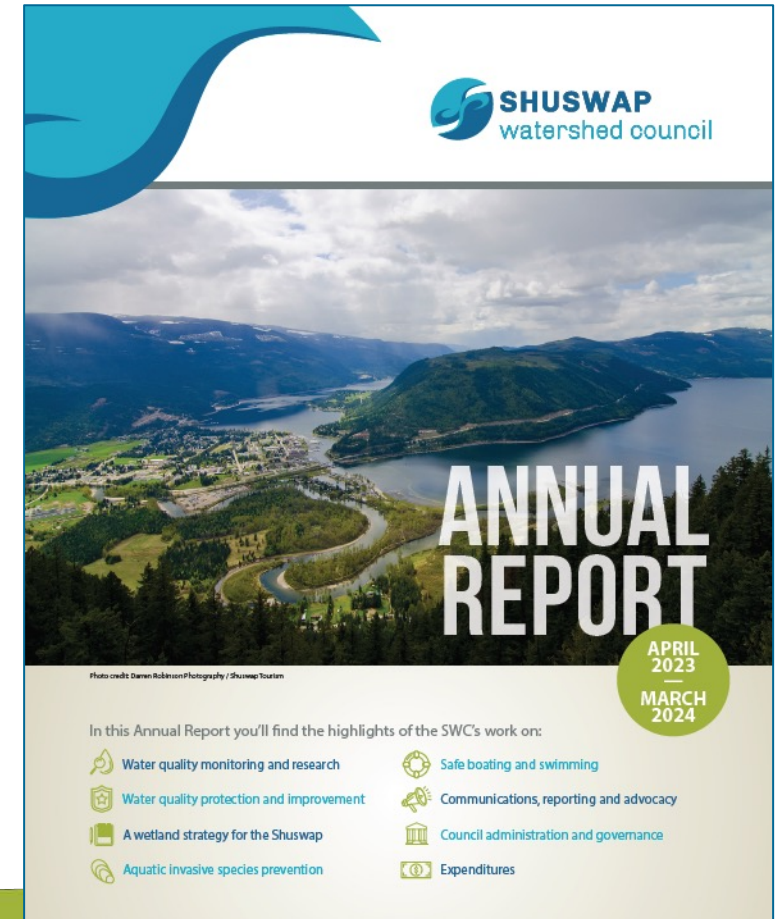
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 Shuswap Watershed Council

Have a safe and fun summer in the Shuswap!



# Communications

- Media:
  - April 30<sup>th</sup> 2024: Prevent aquatic invasive species with these steps: Clean-Drain-Dry and stop for watercraft inspection
  - May 7<sup>th</sup> 2024: Shuswap Watershed Council awarding grants for water quality protection
  - May 27<sup>th</sup> 2024: Royal Roads University student conducting research on Salmon River, has supported from Shuswap Watershed Council
  - May 30<sup>th</sup> 2024: CBC Radio interview re: research project with RRU
- Annual Report for 2023-24 being prepared, nearly ready to publish





## Administration and fund development

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- 2024 Contribution Agreement with funders (TNRD + ALIB) being signed
- Staff submitted a report to Elections BC for communications expenses incurred by the SWC during the CSRD referendum (a requirement under the *Local Elections Campaign Financing Act*)
- Staff revised budget upon notification from Transport Canada that grant application was turned down
- Staff looking into funding opportunity via Provincial Watershed Security Fund

# REVISED BUDGET FOR 2024-25

REVENUE	FORMER BUDGET	REVISED BUDGET
2023-24 operational surplus	20,410	25,113
2023-24 funds allocated and carried forward to 2024-25 projects (water quality grants)	65,000	59,961
<i>Per Contribution Agreement:</i>		
CSRD (Areas C, D, E, F, G and District of Sicamous)	0	0
TNRD	0	53,600
City of Salmon Arm	0	0
Adams Lake Indian Band	0	1300
<i>Grant funding:</i>		
Transport Canada - Boating Safety Contribution Program	24,391	0
Grants-in-aid (potential multiple contributors)	40,000	
<i>SWC Operating Reserve</i>		
Operating reserve balance from March 31 <sup>st</sup> 2024	174,987	174,987
<b>Summary of revenue for 2024-25</b>	<b>324,788</b>	<b>314,961</b>

# REVISED BUDGET FOR 2024-25 - SUMMARY

WORK PLAN ITEMS - SUMMARY	Former Annual budget (\$)			REVISED Annual budget (\$)		
	Program mgmt.	Disbursements	Sub-total	Program mgmt.	Disbursements	Sub-total
Water Quality Monitoring Program	14,063	33,559	47,622	14,063	33,059	47,122
Water Quality Protection Program	20,250	129,860	150,110	20,250	124,821	145,071
Zebra & Quagga Mussel Prevention Program	7425	26,220	33,645	7425	27,432	34,857
Safe Recreation Program	9450	20,700	30,150	9450	14,400	23,850
Communications & Advocacy	16,763	4900	21,663	16,763	2725	19,488
Council Meetings & Administration	38,131	1850	39,981	38,131	1850	39,981
Sub-total operational expenses	106,081	217,089	323,170	106,081	204,287	310,368
Surplus			1618			4593
<b>Total expenses for 2024-25</b>			<b>324,788</b>			<b>314,961</b>



## Revisions to 2024-25 budget

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- Water Monitoring Program – cut printing and shipping expenses (slight decrease). Smaller print-run of Water Quality Reports.
- Water Protection Program – updated actual grant program budget (decrease)
- Zebra and Quagga Mussel Prevention Program – change to campaign collateral (slight increase) due to changing publications (Black Press and others)
- Safe Recreation program – cut printing and shipping expenses (decrease)
- Communications & Advocacy – cut printing and shipping expenses (decrease). Annual Report online only.