



Regional District of Central Kootenay
REGULAR BOARD MEETING
Open Meeting Agenda

Date: Thursday, February 16, 2023
Time: 9:00 am
Location: Hybrid Model - In-person and Remote

Directors will have the opportunity to participate in the meeting electronically. Proceedings are open to the public.

Pages

1. WEBEX REMOTE MEETING INFO

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m251c8efb49c1fe8ecbc1810891770eb4>

Join by Phone:

1-844-426-4405 Canada Toll Free
+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2772 721 5567

Meeting Password: pKzPRrEq424

In-Person Location:

Nelson Office - Boardroom
202 Lakeside Drive, Nelson, BC

2. CALL TO ORDER & WELCOME

Chair Watson will take a moment of silence for Constable Mathieu Nolet - City of Nelson Police.

2.1 TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose

traditional lands we are meeting today.

2.2 ADOPTION OF THE AGENDA

RECOMMENDATION:
(ALL VOTE)

The agenda for the February 16, 2023 Regular Open Board meeting be adopted as circulated with the addition of the addendum.

2.3 ADOPTION OF THE MINUTES

22 - 49

RECOMMENDATION:
(ALL VOTE)

The minutes from the January 19, 2023 Regular Open Board meeting be adopted as circulated.

2.4 INTRODUCTIONS

CAO Horn will introduce the following RDCK staff:

- Eimear Laffan, Environmental Services Administrative Assistant, who is filling in for Abby Fedorak;
- Nathan Schilman, Environmental Technologist, who is replacing Ian Huybregts;
- John Purdy, Planning Administrative Assistant, who is replacing Mikaela Wheaton.

2.5 DELEGATION

2.5.1 Kootenay Conservation Program Juliet Craig, Program Director

50 - 79

3. BUSINESS ARISING OUT OF THE MINUTES

3.1 Treaty Advisory Committee - Ktunaxa/Kinbasket Board Meeting - December 8, 2023 RES 758/22 - Referred to the February 16, 2023 Board Meeting

RECOMMENDATION:
(ALL VOTE)

The Board appoints the following Directors to the Ktunaxa Treaty Advisory Committee with a term expiring December 31, 2023:

Director _____
Director _____ (Alternate)

3.2 Riondel Commission of Management: minutes January 3, 2023

80 - 84

Board Meeting - January 19, 2023
RES 09/23 - Referred to the February 16, 2023 Board Meeting

RECOMMENDATION:
(ALL VOTE)

The Board approve the payment of the following grants from the Riondel Commission of Management Service Area S209 – Riondel, budget for 2023:

Riondel & District Curling Club - 50% of the Curling club’s annual electrical costs, not to exceed \$3,000.

3.3 Bylaw 2878: Grandview Properties Water Service Establishment Amendment
Board Meeting - January 19, 2023
RES 51/23 - Referred to the February 16, 2023 Board Meeting

Grandview Properties Water Service Establishment Amendment Bylaw No. 2878, 2023 will be addressed in Item 8.3 Bylaws 2878, 2884, 2885, 2887 and 2888: Water Service Establishment Amendments and Water Services Parcel Tax Amendments.

3.4 Resident Directed (ReDi) Grant Program
Board Meeting - January 19, 2023
RES 63/23 - be brought back to the February 16, 2023 Board Meeting

Mike Morrison, Manager of Corporate Administration, will provide a verbal update regarding the options for the public engagement process for the ReDi program.

4. COMMITTEES & COMMISSIONS

4.1 FOR INFORMATION

- | | | |
|--------------|--|-----------------|
| 4.1.1 | Area I Advisory Planning and Heritage Commission: minutes December 12, 2022 | 85 - 87 |
| 4.1.2 | Area E Advisory Planning and Heritage Commission: minutes January 5, 2023 | 88 - 91 |
| 4.1.3 | Nakusp and Area K Recreation Commission No. 4 - minutes January 11, 2023 | 92 - 94 |
| 4.1.4 | South Slokan Water Community Members Group: Discussion Notes January 12, 2023 | 95 - 96 |
| 4.1.5 | Rosebery Parklands and Trails Commission: minutes January 12, 2023
Staff has received the recommendation for the 2023 draft budget | 97 - 100 |

for Rosebery Parklands and Trails Commission.

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|---------------|--|-----------|
| 4.1.6 | Sanca Park Water Commission: minutes January 13, 2023 | 101 - 102 |
| 4.1.7 | Area D Advisory Planning and Heritage Commission: minutes January 19, 2023 | 103 - 105 |
| 4.1.8 | Kaslo and Area D Economic Development Commission: minutes January 23, 2023 | 106 - 108 |
| 4.1.9 | North Kootenay Lake Services Committee: minutes January 23, 2023
Staff received the recommendations regarding the 2023 draft budget for the Regional Facilities, Recreation and Park Service (S2221) and Fire Services (S280). | 109 - 117 |
| 4.1.10 | Woodbury Village Water System Community Advisory Committee: Discussion Notes January 25, 2023 | 118 - 119 |
| 4.1.11 | Balfour Water System Community Advisory Committee: Discussion Notes January 26, 2023 | 120 - 122 |
| 4.1.12 | Grandview Properties Water System Community Advisory Committee: Discussion Notes January 27, 2023 | 123 - 126 |
| 4.1.13 | Creston Valley Services Committee: minutes February 2, 2023 | 127 - 131 |
| 4.1.14 | North Kootenay Lake Services Committee: minutes February 6, 2023
Staff has received the recommendations for the 2023 draft financial plan. | 132 - 135 |
| 4.1.15 | Community Sustainable Living Advisory Committee: minutes February 14, 2023
The minutes from the Community Sustainable Living Advisory Committee held February 14, 2023 will be received in the addenda package. | |

4.2 WITH RECOMMENDATIONS

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|--------------|---|-----------|
| 4.2.1 | Area A Economic Development Commission: minutes January 25, 2023 | 136 - 139 |
|--------------|---|-----------|

RECOMMENDATION:
(ALL VOTE)

That the Board approve the payment of the following grant from the Area A – Economic Development Commission Service S107

2023 budget:

East Shore Trail and Bike Association \$10,366.00
South Kootenay Lake ArtConnect Society (start up) \$2,000

4.2.2 Nelson and District Recreation Commission No. 5: minutes January 25, 2023 140 - 145

Staff has received the recommendations regarding the following:

- Discretionary Grant funds in the draft financial plan for Recreation Facility - Nelson and Area F and Defined Area E Service S226;
- responding to the Kootenay Swim Club regarding fees and charges policy;
- feasibility of the Nelson Curling Centre request to contract the RDCK to maintain the Nelson Curling Centre Ice Plant; and
- Directing staff to issue a Request for Proposal (RFP) for advertising on the Nelson and District Community Complex Zamboni in Nelson.

RECOMMENDATION:

(ALL VOTE WGT)

That the Board approve a Service Agreement between the RDCK and the City of Nelson for bylaw enforcement to enforce the City of Nelson 2 hour parking zone in the Nelson and District Community Complex parking lot at approximately 7.5 hours/week at a cost of \$21,777 for a one year period back dated to begin December 1, 2022.

4.2.3 West Kootenay Transit: minutes January 31, 2023 146 - 184

RECOMMENDATION:

(PO WGT)

That the Board of the Regional District of Central Kootenay, the Board of the Regional District of Kootenay Boundary and the Council of the City of Nelson directs staff to update:

- The West Kootenay Transit Transfer Policy; and
- The West Kootenay Transit Schedules of Fares

in the 2023 West Kootenay Transit Annual Operating Agreement.

4.2.4 Water Services Committee: minutes February 1, 2023 185 - 194

RECOMMENDATION:

(ALL VOTE)

1. That the Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858, 2023 be read a FIRST, SECOND and THIRD time by content.

RECOMMENDATION:

(ALL VOTE)

2. That the Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858, 2023 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

RECOMMENDATION:

(PO WGT)

3. That the Board direct staff to prepare a report summarizing any major grant funds utilized towards RDCK owned water systems over the last decade for discussion at the October 4, 2023 Water Services Committee meeting.

4.2.5 Nelson and District Recreation Commission: minutes February 13, 2023

The minutes from the Nelson and District Recreation Commission meeting held February 13, 2023 will be received in the addenda package.

4.2.6 Joint Resource Recovery Committee: minutes February 15, 2023

The minutes from the Joint Resource Recovery Committee held February 15, 2023 will be received in the addenda package.

4.3 MEMBERSHIP

4.3.1 Area B Advisory Planning and Heritage Commission

RECOMMENDATION:

(ALL VOTE)

That the Board appoint the following individuals to the Area B Advisory Planning and Heritage Commission for a term to end December 31, 2026:

Daryl Bjorneson
Brock Lillicom
Miriam Chatwin
Jerry Bauer
Wade Brunham
Lon Main
Adam Mjolsness
Tyler Gayle
Jon Delcaro
Randy Meher

4.3.2 Creston Valley Agricultural Advisory Commission

RECOMMENDATION:

(ALL VOTE)

That the Board appoint the following individual to the Creston Valley Agricultural Advisory Commission for a term to end December 31, 2026:

Kieran Poznikoff (Area B)

4.3.3 Area D Advisory Planning and Heritage Commission

RECOMMENDATION:

(ALL VOTE)

That the Board appoint the following individual to the Area D Advisory Planning and Heritage Commission for a term to end December 31, 2026:

Fraser Bonner

4.4 EXTERNAL APPOINTMENTS

4.4.1 Columbia Basin Regional Advisory Committee (CBRAC)

195 - 199

Current Members:

T. Weatherhead (Nakusp South)

G. Jackman (Kootenay Lake)

CBRAC is looking for an additional appointment to represent the Duncan Reservoir area.

RECOMMENDATION:

(ALL VOTE)

The Board appoints the following Director to the Columbia Basin Regional Advisory Committee with a term expiring December 31, 2024, with stipends and usual expenses to be paid from the General Administration Service S100:

Director _____ (Duncan Reservoir)

4.4.2 Highway #3 Mayors and Chairs Coalition

200 - 201

RECOMMENDATION:

(ALL VOTE)

1. That the resolution 25/23 being:

That the Board appoint Chair Watson to the Highway #3 Mayors and Chairs Coalition for a term to end December 31,

2023.

BE RESCINDED.

RECOMMENDATION:
(ALL VOTE)

2. The Board appoint the following Director to the Highway #3 Mayors and Chair Coalition with a term expiring December 31, 2023, with stipends and usual expenses to be paid from the General Administration Service S100:

Director _____

4.5 DIRECTORS' REPORTS

4.5.1 Director Jackman

- | | | |
|----------------|--|-----------|
| 4.5.1.1 | Director's Report: Columbia Basin Regional Advisory Committee and Regional Connectivity Committee | 202 - 203 |
| 4.5.1.2 | Letter of Support: Kootenay Employment Services - Childcare Facility | 204 |
| 4.5.1.3 | Letter of Support: Kootenay Employment Services - Return of the Kokanee | 205 |
| 4.5.1.4 | Letter of Support: Kootenay Employment Services - Rural Entrepreneurship Development Program | 206 - 207 |

4.5.2 Director Tierney

- | | | |
|----------------|---|-----------|
| 4.5.2.1 | Director's Report: Electoral Area B - Events and Meetings | 208 - 209 |
| 4.5.2.2 | Letter of Support: Creston Valley Rod and Gun Club - Return of the Kokanee | 210 - 211 |
| 4.5.2.3 | Letter of Support: Kootenay Employment Services - Rural Entrepreneurship Development Program | 212 - 213 |

4.5.3 Director Watson

- | | | |
|----------------|--|-----------|
| 4.5.3.1 | Director's Report: Columbia River Treaty, Columbia Basin Trust, Lardeau Valley Grid Resilience Program and RDCK Annual Budget | 214 - 216 |
| 4.5.3.2 | Letter of Support: Ainsworth Museum Project | 217 |
| | | 218 - 219 |

4.5.3.3	Letter of Support: Morrow BioSciences LTD. Drone Support Project	
4.5.3.4	Letter of Support: Selkirk Snowcat Skiing Microhydro Expansion	220
4.5.4	Director Graham: Letter of Support - Creston Valley Rod and Gun Club - Return of the Kokanee	221 - 222
4.5.5	Director Cunningham: Letter of Support - Kootenay Mountaineering Club - Huckleberry Backcountry Hut	223
4.5.6	Director Popoff	
4.5.6.1	Letter of Support: North Slokan Trails Society - Climbing/aMTB Trail Butter Me Up	224
4.5.6.2	Letter of Support: Sandon Historical Society - Sandon Historical Ghost Town	225 - 226
4.5.7	Director McLaren-Caux: BC Regional Innovation Chair in Rural Economic Development	227 - 247

5. CORRESPONDENCE

5.1	The letter dated January 30, 2023 from Paul Adams, BC Rural Health Network, requesting RDCK consider becoming a member of the BC Rural Health Network.	248
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RECOMMENDATION:

(ALL VOTE)

That the Board send a letter to the BC Rural Health Network supporting the RDCK's membership.

5.2	The email dated January 25, 2023 from Tracey Harvey, Selkirk College, seeking the RDCK Board's support for their application to the College and Community Social Innovation Fund for the Smart Specialization Cannabis Project.	249
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RECOMMENDATION:

(ALL VOTE)

That the Board send a letter of support to Selkirk College for their application to the College and Community Social Innovation Fund for the Smart Specialization Cannabis Project; AND FURTHER, provide an in-kind contribution of time from the RDCK planning staff of up to 5 days per year valued at \$500 per day for a total in-kind contribution of \$7,500 over

three years of staff time.

6. COMMUNICATIONS

- 6.1 The letter dated January 3, 2023 from Chima Nkemdirim, Shaw, congratulating the new RDCK Board and providing information about Shaw. 250
- 6.2 The letter dated January 16, 2023 from Barbara Roden, Thompson-Nicola Regional District, regarding Recycle BC Packaging and Printed Paper Product, Extended Producer Responsibility Draft Stewardship Plan. 251 - 252
- 6.3 The letter dated January 18, 2023 from Mark Parker, Regional District of Bulkley Nechako, regarding the 2022 Emergency Support Services Program Guide. 253 - 257

7. ACCOUNTS PAYABLE

258 - 278

RECOMMENDATION: (ALL VOTE)

The Accounts Payable Summary for January 2023 in the amount of \$1,990,564 be approved.

8. BYLAWS

- 8.1 Bylaw 2810: RDCK Local Conservation Fund Service Establishment Amendment (Area F) 279 - 280

RECOMMENDATION: (ALL VOTE)

That the Regional District of Central Kootenay Local Conservation Fund Service Establishment Amendment (Area F) Bylaw No. 2810, 2022 be read a THIRD time by content.

- 8.2 Bylaw 2859: Kootenay Columbia Rivers Official Community Plan Amendment (Tassone) 281 - 299

The Board Report dated February 1, 2023 from Nelson Wight, Planning Manager, seeking Board give third reading to Bylaw No. 2859, 2022, has been received.

RECOMMENDATION: (ALL VOTE)

1. That the Kootenay Columbia Rivers Official Community Plan Amendment Bylaw No. 2859, 2022 being a bylaw to amend Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996 is hereby given THIRD reading by content.

RECOMMENDATION:

(ALL VOTE)

2. That the Regional District of Central Kootenay Zoning Amendment Bylaw No. 2860, 2022 being a bylaw to amend the Regional District of Central Kootenay Zoning Bylaw No. 1675, 2004 is hereby given THIRD reading by content.

8.3 Bylaws 2878, 2884, 2885, 2887 and 2888: Water Service Establishment Amendments and Water Services Parcel Tax Amendments

300 - 308

The Board Report dated January 25, 2023 from Eileen Senyk, Water Services Liaison, seeking Board adopt Bylaws 2878, 2884, 2885, 2887 and 2888 to amend the Water Service Establishment and the Water Parcel Taxes, has been received.

RECOMMENDATION:

(ALL VOTE)

1. That the Grandview Properties Water Service Establishment Amendment Bylaw No. 2878, 2023 be read a FIRST, SECOND and THIRD time by content.

RECOMMENDATION:

(ALL VOTE)

2. That the Ymir Water Supply and Distribution System Local Services Establishment Amendment Bylaw No. 2884, 2023 is hereby ADOPTED and that the Chair and the Corporate Officer be authorized to sign the same.

RECOMMENDATION:

(ALL VOTE)

3. That the Electoral Area G (Ymir) Water Frontage Tax Amendment Bylaw No. 2885, 2023 be read a FIRST, SECOND and THIRD time by content.

RECOMMENDATION:

(ALL VOTE)

4. That the Electoral Area G (Ymir) Water Frontage Tax Amendment Bylaw No. 2885, 2023 is hereby ADOPTED and that the Chair and Corporate Officer be authorized to sign the same.

RECOMMENDATION:

(ALL VOTE)

5. That the Rosebery Highlands Water Service Establishment Amendment Bylaw No. 2887, 2023 is hereby ADOPTED and that the Chair and Corporate Officer be authorized to sign the same.

RECOMMENDATION:

(ALL VOTE)

6. That the Rosebery Highlands Water Service Parcel Tax Amendment Bylaw No. 2888, 2023 be read a FIRST, SECOND and THIRD time by content.

RECOMMENDATION:

(ALL VOTE)

7. That the Rosebery Highlands Water Service Parcel Tax Amendment Bylaw No. 2888, 2023 is hereby adopted and that the Chair and Corporate Officer be authorized to sign the same.

9. NEW BUSINESS

9.1 COMMUNITY SERVICES

9.1.1 Permission to Use Authorization Letter: Waterloo Eddy

309 - 325

The Board Report dated January 11, 2023 from Cary Gaynor, Manager of Regional Parks, seeking Board approval to renew the Permission to Use Authorization letter with Teck Metals Ltd., has been received.

RECOMMENDATION:

(ALL VOTE WGT)

That the Board approve the Teck Metals Ltd.'s "Permission to Use" authorization letter dated November 6, 2022 for road access to the back of Waterloo Eddy Regional Park for a term ending December 31, 2025, and that the Chair and Corporate Officer be authorized to sign.

9.2 DEVELOPMENT AND COMMUNITY SUSTAINABILITY

9.2.1 Climate Action Ambassadors

326 - 334

The Board Report dated January 12, 2023 from Paris Marshall Smith, Sustainability Planner, seeking Board support the Climate Action Ambassadors program, has been received.

RECOMMENDATION:

(ALL VOTE WGT)

That the Board support the development and delivery of the Climate Action Ambassadors program in partnership with Youth Climate Corps-Wildsight;

AND FURTHER, the Board provide a letter of support to partner with Youth Climate Corps through Wildsight for the application to the Rural Economic Diversification & Infrastructure Program (REDIP) contributing in-kind support (\$58,000) and cash contribution (\$40,000 previously approved in reso 259/22) to be funded from the Local Government Climate Action Plan for

training in each of the departments and oversight of development and delivery of the program.

9.2.2 Federation of Canadian Municipalities (FCM) - Green Municipal Fund Greenhouse Gas Emissions Pathway Feasibility Study

335 - 339

The Board Report dated January 30, 2023 from Shari Imada, Senior Energy Specialist, seeking Board approval to submit an application to the Federation of Canadian Municipalities (FCM) - Green Municipal Fund Greenhouse Gas Emissions Pathway Feasibility Study, has been received.

RECOMMENDATION:
(ALL VOTE WGT)

That the Board direct staff to submit an application to Federation of Canadian Municipalities - Green Municipal Fund for a Greenhouse Gas Reduction Pathway Feasibility Study;

AND FURTHER, that the cost for RDCK's contribution of \$50,000 towards the feasibility study be included in the 2023 draft Financial Plan as follows:

- \$12,000 S222 Castlegar and District Community Complex – Castlegar and Areas I & J
- \$12,000 S224 Creston and District Community Complex – Creston, Area B and Defined Portion of Area A and C
- \$12,000 S226 Nelson and District Community Complex – Nelson, Area F and Defined Portion of Area E
- \$1,000 S193 Public Library Services – Creston and Areas A, B & C
- \$1,000 S209 Recreation Facilities – Defined A - Riondel
- \$1,000 S211 Recreation Facilities – F – North Shore Hall
- \$1,000 S230 Recreation Commission No. 7 - Salmo and Area G
- \$2,000 S100 General Administration
- \$2,000 A102 Resource Recovery
- \$2,000 A103 Utility Services
- \$4,000 various Fire Protection Services - divided equally between 16 services

AND FURTHER, that staff be authorized to enter into a funding agreement with the Federation of Canadian Municipalities – Green Municipal Fund should the RDCK be awarded the grant.

9.2.3 2023 Local Conservation Funding

340 - 384

The Board Report dated January 16, 2023 from Sangita Sudan,

General Manager of Development and Community Sustainability, seeking Board approval to issue Local Conservation Fund grants for 2023, has been received.

RECOMMENDATION:

(ALL VOTE WGT)

That the Board approve grant funding for six (6) 2023 projects from the Local Conservation Fund, Service 292 for \$74,376.50, and further include this amount in the 2021-2025 Financial Plan:

- Grizzly Bear Coexistence Solutions - Lardeau Valley Opportunity LINKS \$11,500
- Expansion of Harrop Wetland Restoration - Friends of Kootenay Lake Stewardship Society \$14,662.50
- Protecting Indigenous Cultural Values and Fish and Wildlife Habitat on Kootenay Lake - Ktunaxa Nation Council \$10,000
- Bat roost Habitat Monitoring in the Kootenay Lake Region - Wildlife Conservation Society Canada \$20,441
- Habitat restoration for Beavers along the Duncan and Lardeau River Floodplains - BC Conservation Foundation \$10,000
- Kootenay Watershed Science - Living Lakes Canada \$7,773

9.2.4 UBCM Community Emergency Preparedness Fund: Emergency Operations Centre Alternate Site

385 - 387

The Board Report dated January 4, 2023 from Stephane Coutu, Emergency Program Coordinator, seeking Board approval to apply for the UBCM Community Emergency Preparedness Fund for an alternate site for the RDCK Emergency Operation Centre, has been received.

RECOMMENDATION:

(ALL VOTE WGT)

That the Board direct staff to apply for the Union of British Columbia Municipalities Community Emergency Preparedness Fund Emergency Operations Centre (EOC) grant for the purpose of developing the RDCK EOC Alternate Site;

AND FURTHER, that these costs be included in the 2023 Financial Plan in Service A101 – Emergency Program subject to a successful application.

9.2.5 Kootenay Lake Partnership Coordinator: RES 89/22

RECOMMENDATION:

(ALL VOTE WGT)

That the resolution 89/22 being:

That the Board approve an allocation of \$10,000 annually from 2022-2024 to fund the Kootenay Lake Partnership Coordinator from the Community Sustainable Living Service S105 and this amount be added to the 2022-2026 Financial Plan; AND FURTHER, the Board approve that amount be paid to the Ktunaxa Nation Land and Resource Division annually, to support the Kootenay Lake Partnership through contract administration of the Coordinator position SUBJECT TO a contribution agreement with the Ktunaxa Nation Council being prepared and brought back to the Board;

be amended by removing "AND FURTHER, the Board approve that amount be paid to the Ktunaxa Nation Land and Resource Division annually, to support the Kootenay Lake Partnership through contract administration of the Coordinator position SUBJECT TO a contribution agreement with the Ktunaxa Nation Council being prepared and brought back to the Board" and add "Community Sustainable Living Service S105", thus reading:

That the Board approve an allocation of \$10,000 annually from 2022-2024 to fund the Kootenay Lake Partnership Coordinator from the Community Sustainable Living Service S105 and this amount be added to the 2022-2026 Financial Plan Community Sustainable Living Service S105.

- 9.2.6 For Information: RDCK Climate Action - Supporting Momentum in Rural Communities** 388 - 417
The Board Report dated January 4, 2023 from Paris Marshall Smith, Sustainability Planner, asking the Board to review four items regarding the continued development and implementation fo RDCK Climate Action, has been received for information.
- 9.2.7 For Information: Kootenay Clean Energy Transition Update** 418 - 422
The Board Report dated January 30, 2023 from Shari Imada, Senior Energy Specialist, providing the Board with an update on the Kootenay Clean Energy Transition Pilot Project, has been received for information.
- 9.2.8 For Information: RDCK Letter - Response to the Flood Intentions Paper** 423 - 426
The letter dated January 26, 2023 from Chris Johnson, Manager of Community Sustainability, providing the response to the Flood Intentions Paper, has been received for information.
- Flood Intentions Paper - <https://www.ubcm.ca/about-ubcm/latest-news/provincial-flood-strategy-intentions-paper>

- 9.2.9 For Information: Kootenay Lake Flood Impact Analysis** 427 - 484
 The Report dated November 10, 2022 from BGC regarding the RDCK Kootenay Lake Flood Impact Analysis, has been received for information.

9.3 ENVIRONMENTAL SERVICES

- 9.3.1 2023 Mosquito Control Program Contract and 2022 Final Season Reporting** 485 - 525
 The Board Report dated January 31, 2023 from Todd Johnson, Environmental Coordinator, providing the Board with the 2022 Annual Report for the Mosquito Control Program, has been received.

RECOMMENDATION:
 (ALL VOTE WGT)

That the Board direct staff to prepare a five year contract, between RDCK and Morrow BioSciences Ltd. for providing the Mosquito Control Program service in a Portion of Electoral Area D (Meadow Creek area, Service S184) and the Pineridge community (Service S185) between 2023-2027, not to exceed a total of \$587,199 (S184) and \$52,720 (S185) including 5% contingency and excluding GST, for the duration of the contract.

9.4 FINANCE & ADMINISTRATION

- 9.4.1 For Information: RDCK Quarterly Report (Q4)** 526 - 557
 The RDCK Quarterly Report (Q4) from Mike Morrison, Manager of Corporate Administration, has been received for information.

9.5 GRANTS

9.5.1 Discretionary

- 9.5.1.1 Discretionary Grants** 558 - 574

RECOMMENDATION:
 (ALL VOTE)

Discretionary grants out of the funds available for the following Electoral Areas/Member Municipalities be approved as designated:

AREA C

West Creston Community Hall	Bursary	\$1,500
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AREA E

2023 LVR Graduation Committee	2023 LVR Graduation	\$1,000
Nelson and District Rod and Gun Club	AED	\$250
<u>AREA F</u>		
Friends of Kootenay Lake Stewardship Society	2023 Kootenay Lake Shoreline Cleanups- Excluding Tipping Fees	\$927.94
Friends of Kootenay Lake Stewardship Society	2023 Kootenay Lake Summit	\$1,500
Friends of Kootenay Lake Stewardship Society	2023 Osprey (and Bald Eagle) Nest Monitoring Bonaventure	\$500
Friends of Kootenay Lake Stewardship Society	Lagoon Shore- Spawning Kokanee Habitat Restoration Feasibility Study	\$3,000
Okanagan Nation Alliance	Fish in Schools	\$1,250
<u>AREA H</u>		
Okanagan Nation Alliance	Fish in Schools	\$1,250
Slocan Valley Community Legacy Society	Get Your Just Desserts	\$1,500
West Kootenay Educational Resource Society	50 Year Anniversary School Promotion Presenting	\$800
Winlaw School Parent Advisory Council	OOPSIE - a Family Literacy Week Show at Winlaw School	\$200
<u>AREA I</u>		
Okanagan Nation Alliance	Fish in Schools	\$1,250
RDCK Service 222- Castlegar Recreation	Mullaney and Walker Family Fundraising Event	\$790.91
Shoreacres Community Hall	Operating Expenses	\$3,000
<u>AREA J</u>		
RDCK Service 222- Castlegar Recreation	Mullaney and Walker Family	\$790.91

	Fundraising Event	
<u>AREA K</u>		
The Fauq Singers	The Fauq Singers workshop and performance expenses	\$1,000

9.5.1.2 RES 66/23: Amend Discretionary Grant - Crawford Bay Elementary/Secondary School

RECOMMENDATION:
(ALL VOTE)

That Resolution 66/23, being the allocation of Discretionary funds, be amended by changing:

AREA A
Crawford Bay Elementary-Secondary School (Recreational Events) \$400

to

AREA A
Crawford Bay Elementary-Secondary School (Recreational Events) \$4,200

9.5.2 Community Development

575 - 586

RECOMMENDATION:
(ALL VOTE)

Community Development grants out of the funds available for the following Electoral Areas/Member Municipalities be approved as designated:

<u>AREA A</u>		
Creston Valley Food Action Coalition	Creston Valley Cookbook	\$1,817.50
<u>AREA D</u>		
Kaslo Senior Citizens Association - Branch #81	Taking Care of Seniors	\$4,500
Kootenay Lake Historical Society	SS Moyie Sternwheeler Safety Upgrades	\$6,500
<u>AREA E</u>		
Blewett Conservation Society Nelson & District	Morning Mountain Skating Rink	\$2,000
	AED	\$750

Rod & Gun Club		
<u>AREA F</u>		
Blewett Conservation Society	Morning Mountain Skating Rink	\$1,000
<u>AREA G</u>		
Salmo Chamber of Commerce	Hall Siding Douglas Fir protection	\$4,122
<u>AREA I</u>		
Kootenay Gallery of Art, History and Science	Soup for the Cultured Soul	\$1,500
<u>AREA J</u>		
Okanagan Nation Alliance	Fish in Schools	\$1,250
<u>AREA K</u>		
Edgewood Community Club Society	Seniors Affordable Housing	\$10,000
<u>CRESTON</u>		
Town of Creston	Spirit Square Mural Replacement	\$30,000
<u>SLOCAN</u>		
Village of Slocan	Slocan Valley Youth Choir Programming	\$600

9.5.3 Recreation Commission No. 6: New Denver Lantern Festival

RECOMMENDATION:
 (PO WGT)

That Resolution 715/22, being the allocation of Recreation Commission No. 6 funds, be amended by changing:

Pavilion Bluebird Volunteers \$400
 New Denver Lantern Festival \$210

to

Slocan Solutions Society \$400
 Hidden Garden Gallery (Lantern Festival) \$210

9.6 CHAIR/CAO REPORTS

The Chair and CAO will provide a verbal report to the Board.

10. RURAL AFFAIRS COMMITTEE

The minutes of the Rural Affairs Committee meeting held February 15, 2023 will be received in the addenda package.

11. DIRECTORS' MOTIONS

11.1 Director Popoff: Rosebery Parklands and Trails Commission Bylaw No. 2062, 2009

RECOMMENDATION:
(ALL VOTE)

That the Board direct staff to prepare a bylaw with the intent to repeal the Rosebery Parklands and Trails Commission Bylaw No, 2062, 2009 and replace it with a bylaw based on the RDCK’s updated commission bylaw template, and further that the draft bylaw be discussed with the Rosebery Parklands and Trails Commission prior to coming forward for Board consideration.

11.2 Director Davidoff: AKBLG Resolution - Long-Term Borrowing for Fire Apparatus Acquisition

RECOMMENDATION:
(ALL VOTE)

WHEREAS Regional District fire services across British Columbia are facing increasing financial pressure with respect to replacing fire apparatus and are not permitted to utilize long-term borrowing from the Municipal Finance Authority to purchase the same without costly referendum processes;

AND WHEREAS should these referendums fail, communities will be left without fire protection during a time that sees increasing risk from wildfires as well as increased insurance rates, particularly for those without fire protection services;

THEREFORE BE IT RESOLVED that UBCM ask the Province of British Columbia to enact legislation to permit regional districts to utilize long-term borrowing from the Municipal Finance Authority over the life-span of fire apparatus without the requirement to go to referendum, subject to the service having been established through a referendum process.

12. PUBLIC TIME

The Chair will call for questions from the public and members of the media at 11:45 a.m.

13. IN CAMERA

13.1 RESOLUTION - MEETING CLOSED TO THE PUBLIC

The Open meeting will be adjourned after In Camera without reconvening back into the open session unless there is business that needs to be addressed.

RECOMMENDATION:

(ALL VOTE)

In the opinion of the Board - and in accordance with Section 90 of the *Community Charter* - the public interest so requires that persons other than DIRECTORS, ALTERNATE DIRECTORS, DELEGATIONS AND STAFF be excluded from the meeting; AND FURTHER, in accordance with Section 90 of the *Community Charter*, the meeting is to be closed on the bases identified in the following subsections:

- (c) labour relations or other employee relations;
- (e) the acquisition, disposition or expropriation of land or improvements, if the council considers that disclosure could reasonably be expected to harm the
- (g) litigation or potential litigation affecting the municipality;
- (i) the receipt of advice that is subject to solicitor-client privilege, including communications necessary for that purpose;
- (k) negotiations and related discussions respecting the proposed provision of a municipal service that are at their preliminary stages and that, in the view of the council, could reasonably be expected to harm the interests of the municipality if they were held in public;
- (n) the consideration of whether a council meeting should be closed under a provision of this subsection or subsection (2);

13.2 RESOLUTION - RECESS OF OPEN MEETING

RECOMMENDATION:

(ALL VOTE)

The Open Meeting be recessed at _____ a.m./ p.m. in order to conduct the *In Camera* Board meeting and reconvened at _____ a.m./p.m.

14. MATTERS ARISING FROM IN CAMERA MEETING

15. ADJOURNMENT

RECOMMENDATION:

(ALL VOTE)

That the meeting adjourn at ___ p.m.



Regional District of Central Kootenay REGULAR BOARD MEETING Open Meeting Minutes

The **first** meeting of the Board of the Regional District of Central Kootenay in 2023 was held on Thursday, January 19 at 9:00 a.m. through a hybrid meeting model.

Quorum was maintained throughout the meeting.

ELECTED OFFICIALS

PRESENT:

Chair A. Watson	Electoral Area D	In-Person
Director G. Jackman	Electoral Area A	In-Person
Director R. Tierney	Electoral Area B	In-Person
Director K. Vandenberghe	Electoral Area C	In-Person
Director C. Graham	Electoral Area E	In-Person
Director T. Newell	Electoral Area F	
Director H. Cunningham	Electoral Area G	In-Person
Director W. Popoff	Electoral Area H	
Director A. Davidoff	Electoral Area I	
Director H. Hanegraaf	Electoral Area J	In-Person
Director T. Weatherhead	Electoral Area K	In-Person
Director B. Bogle	City of Castlegar	In-Person
Director S. Hewat	Village of Kaslo	In-Person
Director A. McLaren-Caux	Village of Nakusp	
Director K. Page	City of Nelson	In-Person
Director L. Casley	Village of New Denver	
Director D. Lockwood	Village of Salmo	In-Person
Director C. Ferguson	Village of Silverton	
Director J. Lunn	Village of Slocan	

ABSENT DIRECTOR

Director M. McFaddin	City of Castlegar
Director A. DeBoon	Town of Creston

STAFF PRESENT

S. Horn	Chief Administrative Officer
M. Morrison	Manager of Corporate Administration/ Corporate Officer
A. Lund	Deputy Corporate Officer
Y. Malloff	General Manager of Finance, IT & Economic Development/Chief Financial Officer
U. Wolf	General Manager of Environmental Services
J. Chirico	General Manager of Community Services
S. Sudan	General Manager of Development and Community Sustainability Services
C. Johnson	Manager of Community Sustainability
C. Saari-Heckley	Manager of Human Resources
J. Southam	Building Development and Special Projects Manager
N. Wight	Planning Manager

A. French

L. Brown

D. Elliott

Wildfire Mitigation Supervisor

Resource Recovery Mechanical Operations and Site Supervisor

Communications Coordinator

1. WEBEX REMOTE MEETING INFO

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m35f547559575ca0c00a7790e3f2b04e2>

Join by Phone:

1-844-426-4405 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2772 721 5567

Meeting Password: pKzPRrEq424

In-Person Location: Boardroom - 202 Lakeside Drive Nelson, BC

2. CALL TO ORDER & WELCOME

Director Page took a moment to commemorate Detective Wade Tittlemore from the City of Nelson Police Department and his contributions to the community.

On behalf of the Board, Chair Watson took a moment of silence for the family of Detective Wade Tittlemore.

2.1 TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

2.2 ADOPTION OF THE AGENDA

Moved and seconded,

And Resolved:

01/23

The agenda for the January 19, 2023 Regular Open Board meeting be adopted as circulated with the following amendments:

- removal of Item 4.1.12 Sanca Park Water Commission: minutes January 13, 2023;
- inclusion of Item 4.2.6 Castlegar and District Recreation Commission: minutes January 10, 2023;
- removal of Item 9.1.1 Agreement: TECK Access to Waterloo Eddy; and
- with the addition of the addendum.

Carried**2.3 ADOPTION OF THE MINUTES**

Moved and seconded,

And Resolved:

02/23

The minutes from the December 8, 2022 Regular Open Board meeting be adopted as circulated.

Carried

2.4 INTRODUCTIONS

CAO Horn introduced the following RDCK Staff:

- Charmaine Daoust, Bylaw Enforcement Officer, replacing retired staff member Grace Allen;
- Heidi Bench, Resource Recovery Project Advisor, new role;
- Kurt Casavant, Water Operations Technician, filling in for Kristy Koehle who is on maternity leave;
- Larry Brown, Resource Recovery Mechanical Operations and Site Supervisor, replacing Jason Goosney;
- Tammy Kuntz, Resource Recovery Operations Coordinator, replacing Simran Manhas;
- Paige Lefranc, Human Resources Administrative Assistant, replacing Regan Innis.

**DIRECTOR
PRESENT**

Director Casley joined the meeting at 9:08 a.m.

2.5 DELEGATION

2.5.1 BC Rural Health Network

Colin Moss & Paul Adams

Paul Adams, Executive Director of BC Rural Health Network (BCRHN), presented to the Board regarding the rural healthcare crisis.

The BCRHN was formed in 2017 and is a collective of health advocacy groups from across rural BC. The group has grown rapidly through the need to represent rural health. The BCRHN has expanded to include municipalities, University Research and other active non-profits.

Mr. Adams discussed the purpose of the BCRHN and the work being done to address rural health concerns. The BCRHN is a communication conduit and the volunteers are the backbone of the Board of Directors. They work with the communities to determine the challenges, share knowledge with the membership and the public, and provide regional solutions to policy makers. The BCRHN is advocating for a robust public healthcare system within BC and for solutions to the rural healthcare crisis.

In conclusion, Mr. Adams request the RDCK consider joining the membership.

Paul Adams and Colin Moss answered questions from the Board.

Chair Watson thanked Mr. Adams and Moss for their presentation at 9:31 a.m.

**DIRECTOR
PRESENT**

Director Davidoff joined the meeting at 9:31 a.m.

3. BUSINESS ARISING OUT OF THE MINUTES

3.1 AKBLG Calling for Resolutions

Resolutions to AKBLG are due February 20, 2023.

3.1.1 Director Davidoff: Legislated Mapping and Management Plans in Community Watersheds - Central Kootenay RD Board Meeting - December 8, 2022 RES 804/22 - be referred to the January 19, 2023 meeting.

Moved and seconded,
MOTION ONLY

WHEREAS communities across British Columbia relying on surface water systems as their only source of drinking water are facing historic droughts and becoming increasingly aware of the need to maintain the integrity and hydrological production capacity of their community watersheds while they continue to be adversely impacted by other tenure holders or developers;

AND WHEREAS there appears to be a lack of willingness by some tenure holders and developers to prepare and provide comprehensive watershed mapping and management plans in collaboration with such water user communities and licencees;

THEREFORE BE IT RESOLVED that UBCM request the Province of British Columbia to enact legislation prescribing tenure holders and developers to prepare detailed watershed mapping including Lidar imagery and comprehensive community watershed management plans in collaboration with water user communities and licencees prior to any development or incursion into consumptive use watersheds to avoid the risk of adversely impacting the hydrological production capacity of these watersheds.

Moved and seconded,
And Resolved:

AMENDMENT TO THE MOTION

03/23

That the foregoing motion, being:

WHEREAS communities across British Columbia relying on surface water systems as their only source of drinking water are facing historic droughts and becoming increasingly aware of the need to maintain the integrity and hydrological production capacity of their community watersheds while they continue to be adversely impacted by other tenure holders or developers;

AND WHEREAS there appears to be a lack of willingness by some tenure holders and developers to prepare and provide comprehensive watershed mapping and management plans in collaboration with such water user communities and licencees;

THEREFORE BE IT RESOLVED that UBCM request the Province of British Columbia to enact legislation prescribing tenure holders and developers to prepare detailed watershed mapping including Lidar imagery and comprehensive community watershed management plans in collaboration with water user communities and licencees prior to any development or incursion into consumptive use watersheds to avoid the risk of adversely impacting the hydrological production capacity of these watersheds;

be amended by replacing "there appears to be a lack of willingness by some" with "community expectations are often not aligned with requirements for", thus reading:

WHEREAS communities across British Columbia relying on surface water systems as their only source of drinking water are facing historic droughts and becoming increasingly aware of the need to maintain the integrity and hydrological production capacity of their community watersheds while they continue to be adversely impacted by other tenure holders or developers;

*AND WHEREAS **community expectations are often not aligned with requirements for** tenure holders and developers to prepare and provide comprehensive watershed mapping and management plans in collaboration with such water user communities and licencees;*

THEREFORE BE IT RESOLVED that UBCM request the Province of British Columbia to enact legislation prescribing tenure holders and developers to prepare detailed watershed mapping including Lidar imagery and comprehensive community watershed management plans in collaboration with water user communities and licencees prior to any development or incursion into consumptive use watersheds to avoid the risk of adversely impacting the hydrological production capacity of these watersheds.

Carried

Moved and seconded,
And Resolved:

MAIN MOTION

04/23

WHEREAS communities across British Columbia relying on surface water systems as their only source of drinking water are facing historic droughts and becoming increasingly aware of the need to maintain the integrity and hydrological production capacity of their community watersheds while they continue to be adversely impacted by other tenure holders or developers;

AND WHEREAS community expectations are often not aligned with requirements for tenure holders and developers to prepare and provide comprehensive watershed mapping and management plans in collaboration with such water user communities and licencees;

THEREFORE BE IT RESOLVED that UBCM request the Province of British Columbia to enact legislation prescribing tenure holders and developers to prepare detailed watershed mapping including Lidar imagery and comprehensive community watershed management plans in collaboration with water user communities and licencees prior to any development or incursion into consumptive use watersheds to avoid the risk of adversely impacting the hydrological production capacity of these watersheds.

Carried

4. COMMITTEES & COMMISSIONS

4.1 FOR INFORMATION

Committee/Commission Reports for information have been received as follows:

4.1.1 Winlaw Regional and Nature Park Commission: minutes November 23, 2022

4.1.2 Sunshine Bay Regional Park Commission: minutes November 24, 2022

4.1.3 Nelson, Salmo, E, F and G Regional Parks: minutes November 30, 2022

4.1.4 Riondel Commission of Management: minutes December 6, 2022

4.1.5 Castlegar and District Recreation Commission: minutes December 6, 2022

4.1.6 North Kootenay Lake Service Committee: minutes December 12, 2022

Staff has received the recommendations for the 2023 Financial Plan.

Chair Watson requested the contribution amounts from Area D be added to the December 12, 2023 Kaslo and Area D Economic Development Commission meeting minutes:

- Item 7.1.1 – Library \$118,100 (Area D)
- Item 7.9

- Community Development for the Kaslo Cemetery \$2,500
- Community Works Funds
 - Library \$40,000 (Area D)
 - Housing \$50,000 (Area D)

4.1.7 Creston Valley Agricultural Advisory Commission: minutes December 13, 2022
Staff has received the recommendation to support the Agricultural Land Reserve Non-Farm Use Application.

4.1.8 Arrow Creek Water Treatment and Supply Commission: minutes December 16, 2022

4.1.9 Central Resource Recovery Committee: minutes January 11, 2023
Staff has received the amendment to the recommendation for the Chairs from the sub-regions to receive stipend and expenses.

4.1.10 West Resource Recovery Committee: minute January 12, 2023
Staff has received the recommendations to edit Service S188 and to prepare a projection with a 5% tipping fee increase.

4.1.11 East Resource Recovery Committee: minutes January 13, 2023

Moved and seconded,
And Resolved:

05/23 That the Board approve an amendment to the 2022 Financial Plan for Service S186 for funding the Phase 1E Closure Works (CAP 1100-100) project as follows:

- Reduce Account 43100 Proceeds from Borrowing from \$1,500,800 to \$0
- Increase Account 45900 Transfers from Provisions (Landfill Liability Fund) to \$1,067,890 from \$0
- Increase Account 45000 Transfers from Reserves (East Waste Stabilization Reserve) to \$272,110 from \$0

Carried

4.1.12 Sanca Park Water Commission: minutes January 13, 2023

Item removed.

4.2 WITH RECOMMENDATIONS

4.2.1 Kaslo and Area D Economic Development Commission: minutes December 12, 2022

Staff has received the portion of the recommendation that requests Kaslo & Area D Economic Development Commission's 2023 budget include \$2,500 for Imagine Kootenay membership from April 1, 2023 – March 31, 2024.

Moved and seconded,
And Resolved:

06/23 That the Kaslo & Area D Economic Development Commission commit to the Imagine Kootenay Partnership and that the Regional District of Central Kootenay sign the Memorandum of Understanding with Imagine Kootenay;

AND FURTHER, that Mayor Hewat be appointed to represent the Economic Development Commission on the Imagine Kootenay Steering Committee.

Carried

4.2.2 Nelson and District Recreation Commission No. 5: minutes December 14, 2022

Moved and seconded,
And Resolved:

07/23 That the Board direct staff to prepare Terms of Reference for a feasibility study on long-term concession operations at the Nelson and District Community Complex.

Carried

Moved and seconded,
And Resolved:

08/23 That the Board direct staff to proceed with the development of a Terms of Reference for the development of a Consultation, Engagement & Needs Assessment for the Nelson Community Campus in order to work towards the goal of a coordinated recreation campus.

Carried

4.2.3 Riondel Commission of Management: minutes January 3, 2023

Moved and seconded,
And Resolved:

09/23 That the recommendation **BE REFERRED** to the February 16, 2023 Board Meeting:

The Board approve the payment of the following grants from the Riondel Commission of Management Service Area S209 – Riondel, budget for 2023:

Riondel & District Curling Club - 50% of the Curling club's annual electrical costs, not to exceed \$3,000.

Carried

4.2.4 Creston Valley Services Committee: minutes January 5, 2023

Staff has received the recommendations regarding the items for the draft 2023 Financial Plan.

Moved and seconded,
And Resolved:

10/23 That the Board send a letter of support to the Creston Valley Regional Airport Society for its application to the December 22, 2022 intake of the BC Air Access Program for a total funding amount of \$57,661 to update its Airport Master Plan, upgrade its Fuel Cardlock System and upgrade its Main Entry Texas Gate.

Carried

Moved and seconded,
And Resolved:

11/23 That the Board direct staff to apply for up to \$75,000 of grant funds to the Basin Charge Up Program to purchase and install a solar array system at the Creston & District Community Complex;

AND FURTHER, that staff be authorized to enter into a funding agreement with the Columbia Basin Trust should the RDCK be awarded the grant;

AND FURTHER, that the RDCK's cost for the project of \$30,000 be included in the 2023 Financial Plan for S224 Recreation Facility – Creston and Areas B, C and Area A.

Carried

4.2.5 Joint Resource Recovery Committee: minutes January 18, 2023

Moved and seconded,
And Resolved:

12/23

That the Board approve the RDCK enter into a Standing Offer Agreement with Masse Environmental for works associated with the regular environmental management programs at RDCK's resource recovery sites for a two year term starting January 31, 2023, with the two year agreement cost not to exceed \$252,905;

AND FURTHER, that the Chair and Corporate Officer be authorized to sign the necessary documents;

AND FURTHER, that the costs be paid from the following Services:

- Service S186 East Sub-Region Resource Recovery Service not to exceed \$98,105.35
- Service S187 Central Sub-Region Resource Recovery Service not to exceed \$102,504.90
- Service S188 West Sub-Region Resource Recovery not to exceed \$52,293.80

Carried

Moved and seconded,
And Resolved:

13/23

That the Board approve the RDCK enter into a Standing Offer Agreement with SLR Consulting (Canada) Ltd. for works associated with environmental support for the HB Mine Tailings Facility for a two year term starting January 31, 2023, with the two year agreement cost not to exceed \$322,080;

AND FURTHER, that the Chair and Corporate Officer be authorized to sign the necessary documents;

AND FURTHER, that the costs be paid from Service S187 Central Sub-Region Resource Recovery Service.

Carried

Moved and seconded,
And Resolved:

14/23

That the Board approve the RDCK enter into a Standing Offer Agreement with ALS Canada Ltd. for laboratory analysis works associated with the regular environmental management programs at RDCK's resource recovery sites for a two year term starting January 31, 2023, with the two year agreement cost not to exceed \$148,882;

AND FURTHER, that the Chair and Corporate Officer be authorized to sign the necessary documents;

AND FURTHER, that the costs be paid from the following Services:

- Service S186 East Sub-Region Resource Recovery Service not to exceed \$59,731.20
- Service S187 Central Sub-Region Resource Recovery Service not to exceed \$71,332.80
- Service S188 West Sub-Region Resource Recovery not to exceed \$17,817.60

Carried

4.2.6 Castlegar and District Recreation Commission: minute January 10, 2023

Moved and seconded,
And Resolved:

15/23 That the Board direct staff to prepare an Invitation to Tender for the CDRD Arena Floor Replacement project and undertake the procurement and award of the contract with the lowest valid bidder which meets all required scope for less than \$1,440,000 plus GST;

AND FURTHER that the cost be included in the 2023 Financial Plan with funds to be paid from Service 222 Recreation Complex – City of Castlegar, Areas I and J;

AND FURTHER that the Chair and Corporate Officer be authorized to sign the necessary documents to a maximum value of \$1,440,000 plus GST with the lowest valid bidder.

Carried

4.3 MEMBERSHIP

4.3.1 Area A Advisory Planning and Heritage Commission

Moved and seconded,
And Resolved:

16/23 That the Board appoint the following individual to the Area A Advisory Planning and Heritage Commission for a term to end December 31, 2026:

Shawn Ryks

Carried

4.3.2 Area A Economic Development Commission

Moved and seconded,
And Resolved:

17/23 That the Board appoint the following individuals to the Area A Economic Development Commission for a term to end December 31, 2026:

Gordon MacMahon
Gina Medhurst
Richard Bertram
Peter Cullinane
Trish Toole

Carried

4.3.3 Area C Advisory Planning and Heritage Commission

Moved and seconded,

And Resolved:

18/23 That the Board appoint the following individuals to the Area C Advisory Planning and Heritage Commission for a term to end December 31, 2026:

Allen McLaren
Ted Yarema
Lori Kepke
Larry Rast
Bryan Churchill
Joan McKenzie

AND FURTHER, the Board send a letter to outgoing members Roger Chadwich and Calvin Germann thanking them for their service.

Carried

4.3.4 Creston Valley Agricultural Advisory Commission

Moved and seconded,
And Resolved:

19/23 That the Board appoint the following individuals to the Creston Valley Agricultural Commission for a term to end December 31, 2026:

Larry Rast (Area C)
Dean Eastman (Area C)
Dale McNamar (Area C)

Carried

4.3.5 Area D Advisory Planning and Heritage Commission

Moved and seconded,
And Resolved:

20/23 That the Board appoint the following individuals to the Area D Advisory Planning and Heritage Commission for a term to end December 31, 2026:

Deb Borsos

Carried

4.3.6 Area E Advisory Planning and Heritage Commission

Moved and seconded,
And Resolved:

21/23 That the Board appoint the following individuals to the Area E Advisory Planning and Heritage Commission for a term to end December 31, 2026:

Kevin Skarbo

Carried

4.3.7 Kaslo and Area D Economic Development Commission

4.3.7.1 Village of Kaslo Appointment

Moved and seconded,
And Resolved:

22/23 That the recommendation from the Village of Kaslo appointing Councillor Rob Lang as the Council representative and Jeff Davie as the Village of Kaslo resident representative to the Kaslo and Area D Economic Development Commission be ratified.

Carried

4.3.7.2 Area D Appointment

Moved and seconded,
And Resolved:

23/23 That the Board appoint the following individual to the Kaslo and Area D Economic Development Commission for a term to end December 31, 2024:

Matthew Brown (Area D)

Carried

4.3.8 Rosebery Parklands and Trails Commission

Moved and seconded,
And Resolved:

24/23 That the recommendation from the Village of Slocan appointing Mike Koolen to the community representative to the Rosebery Parklands and Trails Commission for the term to end December 31, 2024 be ratified.

Carried

4.4 2023 APPOINTMENTS: EXTERNAL COMMITTEES AND RDCK COMMITTEES

4.4.1 Highway #3 Mayors and Chairs Coalition

Moved and seconded,
And Resolved:

25/23 That the Board appoint Chair Watson to the Highway #3 Mayors and Chairs Coalition for a term to end December 31, 2023.

Carried

4.4.2 Emergency Program Executive Committee

Current Members:

Chair A. Watson

Former Vice-Chair W. Popoff

Former Director A. Casemore

Director T. Newell

Former Director C. Moss

CAO S. Horn

**RECESS/
RECONVENED**

The meeting recessed at 10:38 p.m. for a break and reconvened at 10:49 a.m.

Directors Vandenberghe, Newell and Casley were nominated.

Moved and seconded,
And Resolved:

26/23 That the Board appoint the following Directors to the Emergency Program Committee for a term to end December 31, 2023:

Chair A. Watson
Vice Chair D. Lockwood
Director Vandenberghe (A, B, C, G, Salmo and Creston)
Director Newell (D, E, F, Kaslo and Nelson)
Director Casley (H, I, J, K, Nakusp, Silverton, New Denver,
Slocan, Castlegar)

Carried

4.4.3 Municipal Financial Authority (MFA)

Directors Hewat and Page were nominated.

The Directors were provided an opportunity to speak.

Corporate Officer (CO) Morrison distributed the secret ballots.

CAO Horn and Deputy Corporate Officer (DCO) received the electronic votes.

CAO Horn and CO Morrison left the room to count the ballots.

**DIRECTOR
ABSENT**

Director Lunn left the meeting at 10:57 a.m.

CAO Horn announced Director Hewat as the alternate representative.

Moved and seconded,
And Resolved:

27/23

That the resolution 752/22, being:

That the Board appoint the following Directors as representatives to the Municipal Finance Authority for a term to end February 28, 2024, with stipends and usual expenses to be paid from General Administration Service S100:

*Director T. Newell
City of Nelson Mayor J. Morrison (Alternate)*

be amended to read:

That the Board appoint the following Directors as representatives to the Municipal Finance Authority for a term to end February 28, 2024, with stipends and usual expenses to be paid from General Administration Service S100:

*Director T. Newell
Director S. Hewat (Alternate)*

Carried

Moved and seconded,
And Resolved:

28/23

That the ballots from all the elections for the appointments be destroyed.

Carried

4.4.4 Village of Salmo: Alternate Director

Moved and seconded,
And Resolved:

29/23 That the recommendation from the Village of Salmo appointing Councillor Jennifer Lins as the RDCK Alternate Director be ratified.

Carried

Moved and seconded,
And Resolved:

30/23 That Item 4.5 Directors' Reports be postponed to before Item 13 In Camera, with Item 5 Correspondence considered at this time.

Carried

5. CORRESPONDENCE

5.1 Letter of Support: West Kootenay 3PL Centre Proposal

Moved and seconded,
And Resolved:

31/23 That the Board send a letter of support to the Ministry of Jobs, Economic Recovery, and Innovation regarding the Nelson and District Chamber of Commerce's Rural Economic Diversification and Infrastructure Program application for the West Kootenay Third Party Logistics (3PL) Centre needs assessment.

Carried

5.2 2023 AKBLG Convention and Annual General Meeting Sponsorship

Moved and seconded,
And Resolved:

32/23 That the Board sponsor the Association of Kootenay and Boundary Local Governments' 2023 AGM and Conference in Cranbrook from April 21 - 23 for the following amount, to come from the General Administration service:

\$6,000

Carried

6. COMMUNICATIONS

6.1 The letter dated October 3, 2022 from Laurey-Anne Roodenburg, UBCM, advising the RDCK of the first Community Works Fund payment for fiscal 2022/23.

6.2 The letter dated December 5, 2022 from Sarah Herring, BC SPCA, providing the new RDCK Board with information regarding the BC SPCA.

6.3 Item Removed.

6.4 The email dated December 19, 2022 from Velvet Kavanagh, Kootenay Cannabis Council, thanking the RDCK for their support and the new contact.

6.5 The letter dated December 21, 2022 from Interior Health (IH) informing the RDCK of IH's role regarding BC's exemption to decriminalize personal possession of some illegal substances beginning January 31, 2023.

6.6 The email dated December 22, 2022 from Jennifer Dyson, Agricultural Land Commission, congratulation the new RDCK Board and to provide information regarding the ALC.

7. ACCOUNTS PAYABLE

Moved and seconded,
And Resolved:

33/23 The Accounts Payable Summary for December 2022 in the amount of \$2,412,268 be approved.

Carried

8. BYLAWS

8.1 Bylaw 2810: Regional District of Central Kootenay Local Conservation Fund Service Establishment Amendment (Area F)

Moved and seconded,
And Resolved:

34/23 That the Board authorize staff to amend *Regional District of Central Kootenay Local Conservation Fund Service Establishment Amendment (Area F) Bylaw No. 2810, 2022* to read that voter approval, for the bylaw, be undertaken by means of Alternative Approval Process instead of Assent Vote.

Carried

8.2 Bylaw 2864: Nakusp and Electoral Area K (Rec. #4) Recreational Program Amendment

Moved and seconded,
And Resolved:

35/23 That the Board take no further action regarding Nakusp and Electoral Area K (Rec. #4) Recreational Program Amendment Bylaw No. 2864, 2022 due to not receiving 2/3 consent from participating areas.

Carried

8.3 Bylaw 2865: Nelson and District Community Facilities, Recreation, and Leisure Services Establishment Amendment

Moved and seconded,
And Resolved:

36/23 That the *Nelson and District Community Facilities, Recreation, and Leisure Services Establishment Amendment Bylaw No. 2865, 2022* be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

8.4 Bylaws 2874, 2875, 2876, 2877, 2878, 2880, 2881, 2884, 2886, 2887: Parcel Tax and Water Service Amendments

The Board Report dated December 23, 2022 from Eileen Senyk, Water Services Liaison, seeking Board approval for Water Service Parcel Tax and Service Establishment Amendments for water systems in Areas E, F, G, H, J and K, has been received.

Moved and seconded,
And Resolved:

37/23 That the Burton Water Service Parcel Tax Amendment Bylaw No. 2874, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

38/23 That the Burton Water Service Parcel Tax Amendment Bylaw No. 2874, 2023 is hereby ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

Moved and seconded,
And Resolved:

39/23 That the Duhamel Creek Water Service Parcel Tax Amendment Bylaw No. 2875, 2023 be read a FIRST, SECOND AND THIRD time by content.

Carried

Moved and seconded,
And Resolved:

40/23 That the Duhamel Creek Water Service Parcel Tax Amendment Bylaw No. 2875, 2023 is hereby ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

Moved and seconded,
And Resolved:

41/23 That the Edgewood Water Service Parcel Tax Amendment Bylaw No. 2876, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

42/23 That the Edgewood Water Service Parcel Tax Amendment Bylaw No. 2876, 2023 is hereby ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

Moved and seconded,
And Resolved:

43/23 That the Fauquier Water Service Parcel Tax Amendment Bylaw No. 2877, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

44/23 That the Fauquier Water Service Parcel Tax Amendment Bylaw No. 2877, 2023 is hereby ADOPTED and that the Chair and Corporate Officer be authorized to sign the same.

Carried

Moved and seconded,
And Resolved:

45/23 That the Lucas Road Water Parcel Tax Amendment Bylaw No. 2880, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

- 46/23 That the Lucas Road Water Parcel Tax Amendment Bylaw No. 2880, 2023 is hereby ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

Moved and seconded,
And Resolved:

- 47/23 That the Woodland Heights Water Service Parcel Tax Amendment Bylaw No. 2881, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

- 48/23 That the Woodland Heights Water Service Parcel Tax Amendment Bylaw No. 2881, 2023 is hereby ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

Moved and seconded,
And Resolved:

- 49/23 That the Regional District of Central Kootenay South Slokan Parcel Tax Amendment Bylaw No. 2886, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

- 50/23 That the Regional District of Central Kootenay South Slokan Parcel Tax Amendment Bylaw No. 2886, 2023 is hereby ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

Moved and seconded,
And Resolved:

- 51/23 That the following recommendation **BE REFERRED** to the February 16, 2023 Board meeting:

That the Grandview Properties Water Service Establishment Amendment Bylaw No. 2878, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

52/23 That the Ymir Water Supply and Distribution System Local Services Establishment Amendment Bylaw No. 2884, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

53/23 That the Rosebery Highlands Water Service Establishment Amendment Bylaw No. 2887, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

8.5 Bylaw 2890: New Denver Drinking Water Source Wells Security Issuing

Moved and seconded,
And Resolved:

54/23 That the New Denver Drinking Water Source Wells Security Issuing Bylaw No. 2890, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

55/23 That the New Denver Drinking Water Source Wells Security Issuing Bylaw No. 2890, 2023 is hereby ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

8.6 Bylaw 2889: Temporary Loan 2023

Moved and seconded,
And Resolved:

56/23 That the Temporary Loan Bylaw No. 2889, 2023 be read a FIRST, SECOND, and THIRD time by content.

Carried

Moved and seconded,
And Resolved:

57/23 That the Temporary Loan Bylaw No. 2889, 2023 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

9. NEW BUSINESS

9.1 COMMUNITY SERVICES

9.1.1 Agreement: TECK access to Waterloo Eddy
Item removed.

9.2 DEVELOPMENT AND COMMUNITY SUSTAINABILITY

9.2.1 2023 Columbia Basin Trust: Columbia Basin Wildfire Resiliency Initiative - Dog Creek Water Users Committee Application
The Board Report dated January 3, 2023 from Angela French, Wildfire Mitigation Supervisor, seeking Board approval to be the legal entity for the Dog Creek

Water Users Committee (DCWUC) Columbia Basin Trust – Columbia Basin Wildfire Resiliency Initiative (CBT-CBWRI) fuel mitigation project application, has been received.

Moved and seconded,
And Resolved:

58/23 That the Board direct staff to submit the letter of authorization as the legal entity to the CBT-Columbia Basin Wildfire Resiliency Initiative to manage and administer grant funding for the Dog Creek Water Users Committee wildfire mitigation project, and that the Chair and the Corporate Officer be authorized to sign the necessary documents to a maximum value of \$40,000, to be received and distributed through Service A101 Emergency Program;

AND FURTHER, that a 15% administration fee be incorporated into the grant application for RDCK staff time.

Carried

ORDER OF AGENDA CHANGED The Order of Business was changed to address public time, with Item 12 Public Time considered at this time.

12. PUBLIC TIME

The Chair called for questions from the public and members of the media at 11:45 a.m.

The media asked questions regarding the Nakusp and Electoral Area K (Rec. #4) Recreational Program Amendment Bylaw No. 2864, 2022. Manager Chirico provided more details regarding the amendment to have a requisition increase to the service establishment bylaw.

ORDER OF AGENDA RESUMED Item 9.2.2 UBCM Community Emergency Preparedness Fund considered at this time.

9.2.2 UBCM Community Emergency Preparedness Fund

The Board Report dated December 30, 2022 from Jon Jackson, Emergency Program Coordinator, seeking Board approval for the application to the UBCM Community Emergency Preparedness Fund (CEPF) Emergency Support Services (ESS) stream, has been received.

Moved and seconded,
And Resolved:

59/23 That the Board approve the application to the UBCM Community Emergency Preparedness Fund (CEPF) Emergency Support Services (ESS) stream for \$30,000 to: a) help build local ESS capacity b) allow the purchase of additional IT kits to contribute to the modernization of the ESS processes;

AND FURTHER, that these costs be included in the 2023 Financial Plan in Service A101 – Emergency Program subject to successful application.

Carried

9.2.3 Regional Invasive Species Strategy Implementation

The Board Report dated November 17, 2022 from Paris Marshall Smith, Sustainability Planner, seeking Board direction to work with Central Kootenay Invasive Species Society to prepare a detailed implementation plan of the RDCK Invasive Species Strategy, has been received.

Vice-Chair Lockwood assumed the Chair position.

Director Watson spoke on behalf of Electoral Area D and the concerns regarding invasive species.

Director Watson resumed the Chair position.

Moved and seconded,
And Resolved:

60/23 That the Board direct staff to negotiate an agreement with the Central Kootenay Invasive Species Society for implementation of Option 1 (\$15,000) and PILOT the Good Neighbour program (\$12,000) of the Regional Invasive Species Strategy for the 2023;

AND FURTHER, that the costs of no more than \$27,000 + GST be included in the S100 General Administration draft 2023 Financial Plan;

AND FURTHER, that the agreement be brought back to the March 16, 2023 Board meeting.

Carried

**RECESS/
RECONVENED**

The meeting recessed at 12:20 p.m. for lunch and reconvened at 1:21 p.m.

**DIRECTOR
PRESENT**

Director Lunn joined the meeting at 1:21 p.m.

9.2.4 Building Department Board Policies: Revisions

The Board Report dated December 22, 2023 from John Southam, Manager Building Development and Special Projects, has been received.

Moved and seconded,
MOTION ONLY

That the Board direct staff to review existing Building Inspection Service policies 400-01, 02, 03 and 400-01-05, 06, 07; and prepare new policy to clarify: Farm Building Fee application, Building Permit cancellations, fees to be refunded, and Notice on Title Cancellation (Removal) policy; AND FURTHER, that staff return to the Board from time to time within the 2023 calendar year, with modernized policy.

Moved and seconded,
And Resolved:

AMENDMENT TO THE MOTION

61/23 That the foregoing motion, being:

That the Board direct staff to review existing Building Inspection Service policies 400-01, 02, 03 and 400-01-05, 06, 07; and prepare new policy to clarify: Farm Building Fee application, Building Permit cancellations, fees to be refunded, and Notice on Title Cancellation (Removal) policy; AND FURTHER, that staff return to the Board from time to time within the 2023 calendar year, with modernized policy;

be amended by adding "Board and Administrative" before "policy to clarify", thus reading:

*That the Board direct staff to review existing Building Inspection Service policies 400-01, 02, 03 and 400-01-05, 06, 07; and prepare new **Board and Administrative** policy to clarify: Farm Building Fee application, Building Permit cancellations, fees to be refunded, and Notice on Title Cancellation (Removal) policy; AND FURTHER, that staff return to the Board from time to time within the 2023 calendar year, with modernized policy.*

Defeated

Moved and seconded,
And Resolved:

MAIN MOTION

62/23 That the Board direct staff to review existing Building Inspection Service policies 400-01, 02, 03 and 400-01-05, 06, 07; and prepare new policy to clarify: Farm Building Fee application, Building Permit cancellations, fees to be refunded, and Notice on Title Cancellation (Removal) policy; AND FURTHER, that staff return to the Board from time to time within the 2023 calendar year, with modernized policy.

Carried

9.2.5 For Information: Wildfire Development Permit Area Project: Project Summary Report

The Board Report dated January 5, 2023 from Corey Scott, Planner, providing the Board with the project summary for the Wildfire Development Permit Area Project, has been received for information.

9.3 FINANCE & ADMINISTRATION

9.3.1 For Information: Resident Directed (ReDi) Grant Program

The Board Report dated January 4, 2023 from Mike Morrison, Manager of Corporate Administration, providing the Board with the background information on the ReDi grant program, has been received for information.

Moved and seconded,
And Resolved:

63/23 That the Board direct staff to provide options for an online public engagement tool and for in-person meetings for the ReDi program, and that the report be brought back to the February 16, 2023 Board meeting.

Carried

**RECESS/
RECONVENED**

The meeting recessed at 2:32 p.m. for a break and reconvened at 2:39 p.m.

9.4 FIRE SERVICES

9.4.1 Amended Agreement: Arrow Creek Fire Protection Service Area

Moved and seconded,
And Resolved:

64/23 That the Board approve the amended Agreement between the RDCK and the Town of Creston for the Fire Protection and Assistance Response with the Arrow Creek Fire Protection Service Area for the period December 31, 2022 to December 31, 2023, and that the Chair and Corporate Officer be authorized to sign the necessary documents.

Carried

9.4.2 Agreement: Emergency Communications (911)

The Board Report dated January 3, 2023 from Tristan Fehst, Regional Deputy Fire Chief, seeking Board approval to enter into an Emergency Communication (911) agreement extension, has been received.

Moved and seconded,
 And Resolved:

65/23 That the Board approve the RDCK enter into a contract extension with the Regional District of Central Okanagan for the continued service of ECOMM 9-1-1 Public Safety Answering Point (PSAP) call answering for the period January 1, 2023 until December 31, 2023 and that the Chair and Corporate Officer be authorized to sign the necessary documents; AND FURTHER, that the cost of \$80,221 be paid from Service S156 Emergency Communications 9-1-1.

Carried

9.5 HUMAN RESOURCES

9.5.1 For Information: RDCK Occupational Health and Safety Annual Report

The Board Report dated January 5, 2023 from Andre Noel, Safety Advisor, providing the Board with the 2022 RDCK Occupational Health and Safety annual report, has been received for information.

9.6 GRANTS

9.6.1 Discretionary

Moved and seconded,
 And Resolved:

66/23 Discretionary grants out of the funds available for the following Electoral Areas/Member Municipalities be approved as designated:

AREA A

Crawford Bay Elementary-Secondary School	School Recreational Events	\$400
Creston Valley Shrine Club	Harvey Sayles Fishing Derby	\$500
Kootenay Region - Skate Canada BC/YT Section	Kootenay Region Figure Skating Championships	\$350
South Kootenay Lake Community Service Society	Meditation group	\$350
South Kootenay Lake Community Service Society	Self-Defence Classes	\$700

AREA B

Creston Valley Shrine Club	Harvey Sayles Fishing Derby	\$500
Kootenay Region - Skate Canada BC/YT Section	Kootenay Region Figure Skating Championships	\$600

AREA C

Creston Valley Shrine Club	Harvey Sayles Fishing Derby	\$1,000
Creston Valley Team Ropers Association	Timing Equipment	\$1,000
Kootenay Region - Skate Canada BC/YT Section	Kootenay Region Figure Skating Championships	\$350

AREA E

Nelson Community Food Centre	Good Food Bank	\$1,000
Nelson Blueliners Women's Hockey	Amanda Asay Memorial Cup	\$198

AREA F

2023 LVR Graduation Committee	2023 LVR Graduation	\$1,000
Brent Kennedy Elementary School	Kids art program	\$1,000
Brent Kennedy Elementary School PAC - ADDED	Paint	\$1,000
Nelson Blueliners Women's Hockey	Amanda Asay Memorial Cup	\$198

AREA G

Kootenay Rockies Disc Golf Society	Ymir Disc Golf Improvement Plan	\$5,000
Salmo Watershed Streamkeepers Society	Salmo Watershed Streamkeepers Society	\$1,000

AREA H

Brent Kennedy Elementary School Parent Advisory Council	School Spirit T-Shirts	\$1,000
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AREA I

Brent Kennedy Elementary School PAC	School Spirit T-Shirts	\$500
Kootenay Boundary Regional Hospital & Health Foundation Society	Light-Up the Hospitals! Pledge Day 2022	\$1,000
Castlegar Minor Hockey Association	Castlegar U7 & U9 Tournament	\$250
Stanley Humphries Secondary School	Area I Community Service Bursaries	\$5,000
Castlegar & District Community Services Society	Swim Passes	\$250

AREA J

Castlegar Minor Hockey Association	Castlegar U7 & U9 Tournament	\$250
Stanley Humphries Secondary School	Graduation 2023 Scholarship/Bursary Program	\$3,000

AREA K

Arrow Lakes Cross Country Ski Club	Technical Support	\$1,800
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Carried

9.6.2 Community Development

Moved and seconded,
 And Resolved:

Community Development grants out of the funds available for the following Electoral Areas/Member Municipalities be approved as designated:

AREA D

Kaslo Housing Society	Winter in the Forest	\$1,000
Kaslo Community Acupuncture Society	Dope is Death Documentary Showing	\$780

AREA E

Kootenay Emergency Response Physicians Association	KERPA Informational Video Project	\$1,250
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AREA F

Kootenay Emergency Response Physicians Association	KERPA Informational Video Project	\$1,250
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AREA G

Kootenay Emergency Response Physicians Association	KERPA Informational Video Project	\$1,250
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AREA H

Kootenay Emergency Response Physicians Association	KERPA Informational Video Project	\$1,250
Elk Root Conservation Farm Society	Regenerative Educational Community Foods Gardens	\$5,000
Slocan Solutions Society	Winter Carnival	\$3,000
Nakusp Ski Club Association	Summit Lake Ski Area T-bar Haul Rope Replacement, Associated Required Works Project	\$5,000

AREA I

Castlegar & District Hospital Foundation	Light Up 2022	\$1,000
Kootenay Emergency Response Physicians Association	KERPA Informational Video Project	\$1,250

AREA J

Castlegar & District Hospital Foundation	Light Up 2022	\$2,500
Kootenay Emergency Response Physicians Association	KERPA Informational Video Project	\$1,250

AREA K

Arrow Lakes Search and Rescue Society	Emergency Support Services/Community Support Services	\$1,000
Nakusp Secondary School	BC International Boat Show 2023	\$5,000
Nakusp Ski Club Association	Summit Lake Ski Area T-bar Haul Rope Replacement, Associated Required Works Project	\$12,100

Burton Elementary School	Burton/Edgewood to Summit Lake	\$2,000
Nakusp Elementary School	Ski Program Support	\$6,500
<u>SALMO</u>		
Salmo Valley Trail Society	Salmo Valley Trail Society 2023 Season	\$2,500
<u>SLOCAN</u>		
Village of Slocan	Light Up	\$500
Village of Slocan	Food Bank	\$600
Village of Slocan-BC Seniors Games 2023	BC Seniors Games 2023	\$400
Village of Slocan-Winter Carnival	Winter Carnival	\$3,000

Carried

9.6.3 Recreation Commission No. 7 Grant

Moved and seconded,
 And Resolved:

68/23

That the resolution 722/22, being:

That the Board approve payment of a grant in the amount of \$5,000 from the Recreation Commission No. 7– Salmo and Area G Service S230 to School District No. 8 for the purchase and installation of upgrades to the basketball courts at the Salmo Community Courts:

Be amended to read:

*That the Board approve payment of a grant in the amount of \$5,000 from the Recreation Commission No. 7– Salmo and Area G Service S230 to **Salmo Valley Youth and Community Centre** for the purchase and installation of upgrades to the basketball courts at the Salmo Community Courts.*

Carried

9.7 CHAIR/CAO REPORTS

CAO Horn had no items.

Chair Watson indicated there are multiple events coming up in the near future and she will send an email out to the Directors identifying them. She requested Directors submit their questions to Manager Sudan for the upcoming Indigenous workshop and that she has had many one on ones with the new Directors.

She indicated that cards are being sent on behalf of the Board to the families of City of Nelson Police Detective Wade Tittlemore and Constable Mathieu Nolet.

10. RURAL AFFAIRS COMMITTEE (RAC)

RAC Chair G. Jackman request the following revision to the January 18, 2023 RAC meeting minutes:

- Item 5 Delegations – Item 6.5 read Item 6.4

Moved and seconded,
And Resolved:

- 69/23 That the Corporate Officer of the Regional District of Central Kootenay be directed to file a Notice with the Land Title and Survey Authority of British Columbia, stating that a resolution has been made under Section 57 of the *Community Charter* by the Regional District Board relating to land at 123665 Marrello Road, Electoral Area E, legally described as LOT 2, PLAN NEP 6671, DISTRICT LOT 8257, KOOTENAY LAND DISTRICT, and further, if an active Building permit or Building application is in place, that it be cancelled; and finally, that information respecting the resolution may be inspected at the office of the Regional District of Central Kootenay on normal working days during regular office hours.

Carried

Moved and seconded,
And Resolved:

- 70/23 That the Board PROVIDE NO COMMENT regarding application A2203G for the purposes subdivision in the Agricultural Land Reserve proposed by Sheri & Walter Huser for property located at 111 Salmo Ski Hill Road, Electoral Area 'G' and legally described as LOT A, DISTRICT LOT 206, KOOTENAY DISTRICT PLAN NEP22968 (PID 023-374-900) and that staff inform the proponent of the current Agricultural Land Reserve regulations.

Carried

Moved and seconded,
And Resolved:

- 71/23 That the Board APPROVE a Site Specific Floodplain Exemption to permit the construction of a new residence with a minimum floor elevation above natural ground surface of 0.6 metres in accordance with the Engineering Report prepared by Skmana Engineering Ltd. for property located at 3876 Highway 3A, Nine Mile, Electoral Area F, and legally described as LOT 3, DISTRICT LOT 4398, KOOTENAY DISTRICT PLAN EPP83471 (PID: 030-679-028), SUBJECT to preparation by 0863803 B.C. LTD. of a restrictive covenant under Section 219 of the *Land Title Act* and Section 56 of the *Community Charter* in favour of the Regional District of Central Kootenay.

Carried

Moved and seconded,
And Resolved:

- 72/23 That Electoral Area 'F' Official Community Plan Amendment Bylaw No. 2848, 2023 being a bylaw to amend Electoral Area 'F' Official Community Plan Bylaw No. 2214, 2012 is hereby given FIRST and SECOND reading by content and referred to a PUBLIC HEARING.

Carried

Moved and seconded,
And Resolved:

- 73/23 That Kootenay-Columbia Rivers Official Community Plan Amendment Bylaw No. 2851, 2023 being a bylaw to amend Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996 is hereby given FIRST and SECOND reading by content and referred to a PUBLIC HEARING.

Carried

Moved and seconded,
And Resolved:

- 74/23 That Electoral Area 'K' Official Community Plan Amendment Bylaw No. 2852, 2023 being a bylaw to amend the Electoral Area 'K' Official Community Plan Amendment Bylaw No. 2022, 2009 is hereby given FIRST and SECOND reading by content and referred to a PUBLIC HEARING.

Carried

Moved and seconded,
And Resolved:

- 75/23 That Regional District of Central Kootenay Zoning Amendment Bylaw No. 2853, 2023 being a bylaw to amend the Regional District of Central Kootenay Zoning Bylaw No. 1675, 2004 is hereby given FIRST and SECOND reading by content and referred to a PUBLIC HEARING.

Carried

Moved and seconded,
And Resolved:

- 76/23 That in accordance with Regional District of Central Kootenay Planning Procedures and Fees Bylaw No. 2457, 2015, Electoral Area K Director Weatherhead is hereby delegated the authority to chair the PUBLIC HEARING on behalf of the Regional District Board.

Carried

Moved and seconded,
And Resolved:

- 77/23 That in accordance with Regional District of Central Kootenay Planning Procedures and Fees Bylaw No. 2457, 2015, Electoral Area J Director Hanegraaf is hereby delegated the authority to chair the PUBLIC HEARING on behalf of the Regional District Board.

Carried

Moved and seconded,
And Resolved:

- 78/23 That in accordance with Regional District of Central Kootenay Planning Procedures and Fees Bylaw No. 2457, 2015, Electoral Area F Director Newell is hereby delegated the authority to chair the PUBLIC HEARING on behalf of the Regional District Board.

Carried

Moved and seconded,
And Resolved:

- 79/23 That in accordance with Regional District of Central Kootenay Planning Procedures and Fees Bylaw No. 2457, 2015, Electoral Area I Director Davidoff is hereby delegated the authority to chair the PUBLIC HEARING on behalf of the Regional District Board.

Carried

Moved and seconded,
And Resolved:

80/23 That the Board direct staff to review the Regional District of Central Kootenay Advisory Planning Commission Bylaw No. 1477, 2003 and prepare a bylaw to repeal and replace Bylaw No. 1477.

Carried

11. DIRECTORS' MOTIONS

11.1 Director Vandenberghe: Community Owned Venues

Moved and seconded,
And Resolved:

81/23 That the Board direct staff to create a draft policy around the acquisition, operation and valuation of Community owned venues (assets) including, but not limited to, Community Halls, and bring it back to the Board for review at or before the end of third quarter 2023.

Carried

Moved and seconded,
And Resolved:

82/23 That Item 4.5 Directors' Reports be considered at this time.

Carried

4.5 DIRECTORS' REPORTS

Each Director gave a brief summary of the work they have been doing within their communities.

4.5.1 Director Jackman: CBRAC and RCC

4.5.2 Director Tierney: Letter of Support - Kootenay Employment Services

4.5.3 Director Watson: Columbia River Treaty

4.5.4 Director Graham

4.5.4.1 Letter of Support: Balfour Recreation Commission

4.5.4.2 Letter of Support: Sandy Creek Granite Road Water Users

4.5.5 Director Newell: Letter of Support - Balfour Recreation Commission

4.5.6 Director Popoff

4.5.6.1 Director's Report: Southeastern BC Regional Connectivity Committee

4.5.6.2 Letter of Support: Economic Diversification Capacity Building Project

4.5.7 Director Hewat: Federation of Canadian Municipalities

On behalf of the Board, Chair Watson took a moment of silence for the three tragedies that have occurred in the RDCK communities during January.

13. IN CAMERA

13.1 RESOLUTION - MEETING CLOSED TO THE PUBLIC

The Open meeting will be adjourned after In Camera without reconvening back into the open session unless there is business that needs to be addressed.

Moved and seconded,
And Resolved:

83/23 In the opinion of the Board - and in accordance with Section 90 of the *Community Charter* - the public interest so requires that persons other than DIRECTORS, ALTERNATE DIRECTORS, DELEGATIONS AND STAFF be excluded from the meeting; AND FURTHER, in accordance with Section 90 of the *Community Charter*, the meeting is to be closed on the bases identified in the following subsections:

- (g) litigation or potential litigation affecting the municipality;
- (k) negotiations and related discussions respecting the proposed provision of a municipal service that are at their preliminary stages and that, in the view of the council, could reasonably be expected to harm the interests of the municipality if they were held in public;
- (n) the consideration of whether a council meeting should be closed under a provision of this subsection or subsection (2);

Carried

13.2 RESOLUTION - RECESS OF OPEN MEETING

Moved and seconded,
And Resolved:

84/23 The Open Meeting be recessed at 3:49 p.m. in order to conduct the *In Camera* Board meeting and reconvened at 4:11 p.m.

Carried

14. MATTERS ARISING FROM IN CAMERA MEETING

Moved and seconded,
And Resolved:

85/23 IC04/23 That the Board direct staff to amend the lease agreement with Valley Community Services for the use of the Rotacrest Hall to allow for non-exclusive use of the pavilion and the fee for that use is included in the existing monthly rental, and that the Board Chair and Corporate officer be authorized to sign the amendment.

Carried

15. ADJOURNMENT

Moved and seconded,
And Resolved:

86/23 That the meeting adjourn at 4:11 p.m.

Aimee Watson, RDCK Board Chair

Angela Lund, Deputy Corporate Officer



RDCK Local Conservation Fund Updates



Juliet Craig
Program Director
Kootenay Conservation Program
February 2023

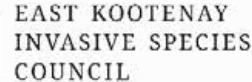
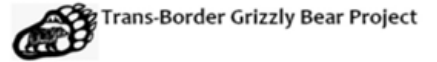


- Background on RDCK Local Conservation Fund
- KCP's role
- How the LCF works
- 2023 recommended projects



To coordinate and facilitate conservation efforts on private land, and to generate the support and resources needed to maintain this effort

Partnership





Local Conservation Funds in British Columbia

A Guide for Local Governments and Community Organizations

- ✓ Local government service
- ✓ Dedicated fund for conservation projects
- ✓ Parcel or property tax
- ✓ Support local priorities
- ✓ Funds can only be used within service area





KCP
Kootenay Conservation Program

Columbia Valley Local Conservation Fund

CLEAN WATER
WILDLIFE
OPEN SPACE

©2006 NIGEL FINNEY

LOCAL
CONSERVATION
FUND

On November 15th 2008

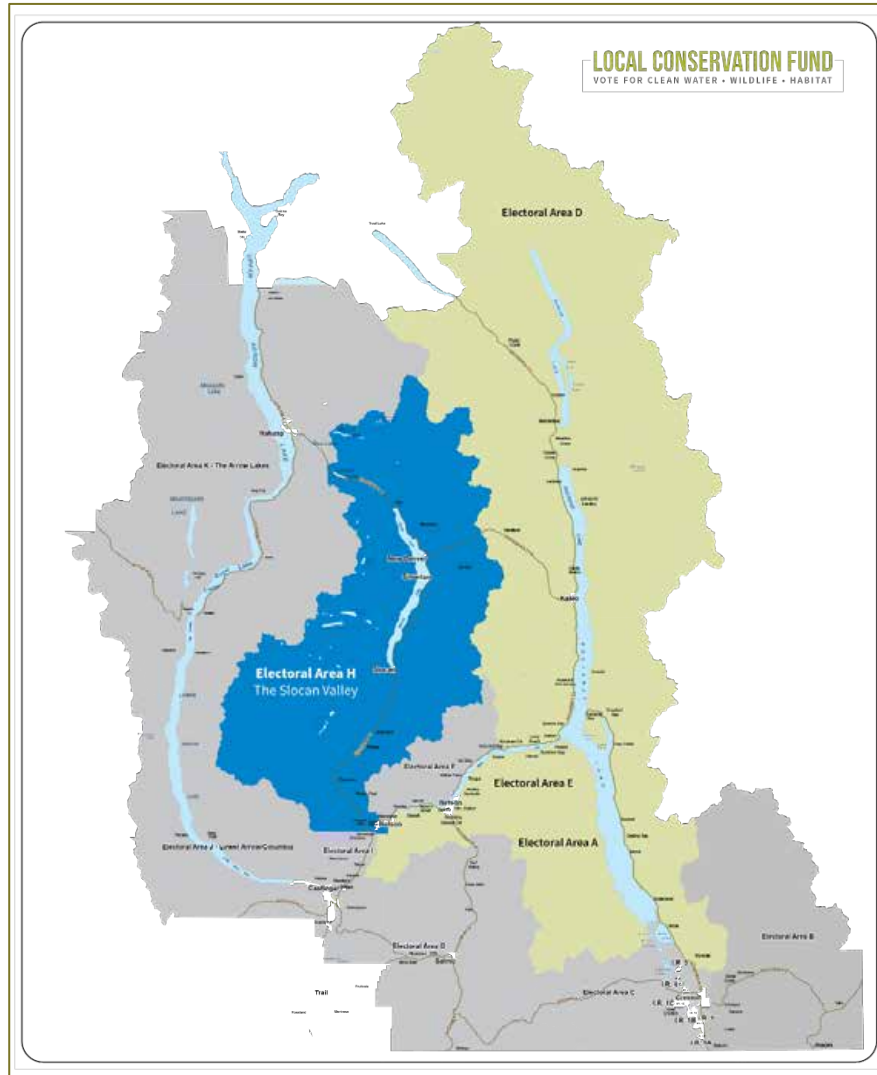
VOTE YES

to the

**LOCAL
CONSERVATION
FUND**



YES



- Kootenay Lake (RDCK)
 - Electoral Areas A, D & E (green area)
 - 37 grants
 - \$468,000 to date





Types of Projects



- ✓ Monitoring local water quality
- ✓ Functioning wetlands, creeks, and grasslands that improve water quality
- ✓ Improved local fish and wildlife habitat and species at risk conservation
- ✓ Funding for local farmers to manage natural assets on their land
- ✓ Fewer invasive plants and improved forage for ungulates
- ✓ Citizen-science wildlife population monitoring
- ✓ Creation of wildflower meadows to promote pollinators
- ✓ Reduction in human-wildlife conflict and protection of grizzly bears
- ✓ Land acquisition of ecologically significant properties

KOOTENAY LAKE LOCAL CONSERVATION FUND HIGHLIGHTS

280,000

toads redirected or observed
using fencing

100

electric fences installed

10

pollinator meadows
planted



5

years water monitoring
in the Kootenay Lake
watershed



7,930

ha of land acquired
for conservation
*Next Creek and
Cottonwood Lake*

39

bat roosts counted
and stewarded

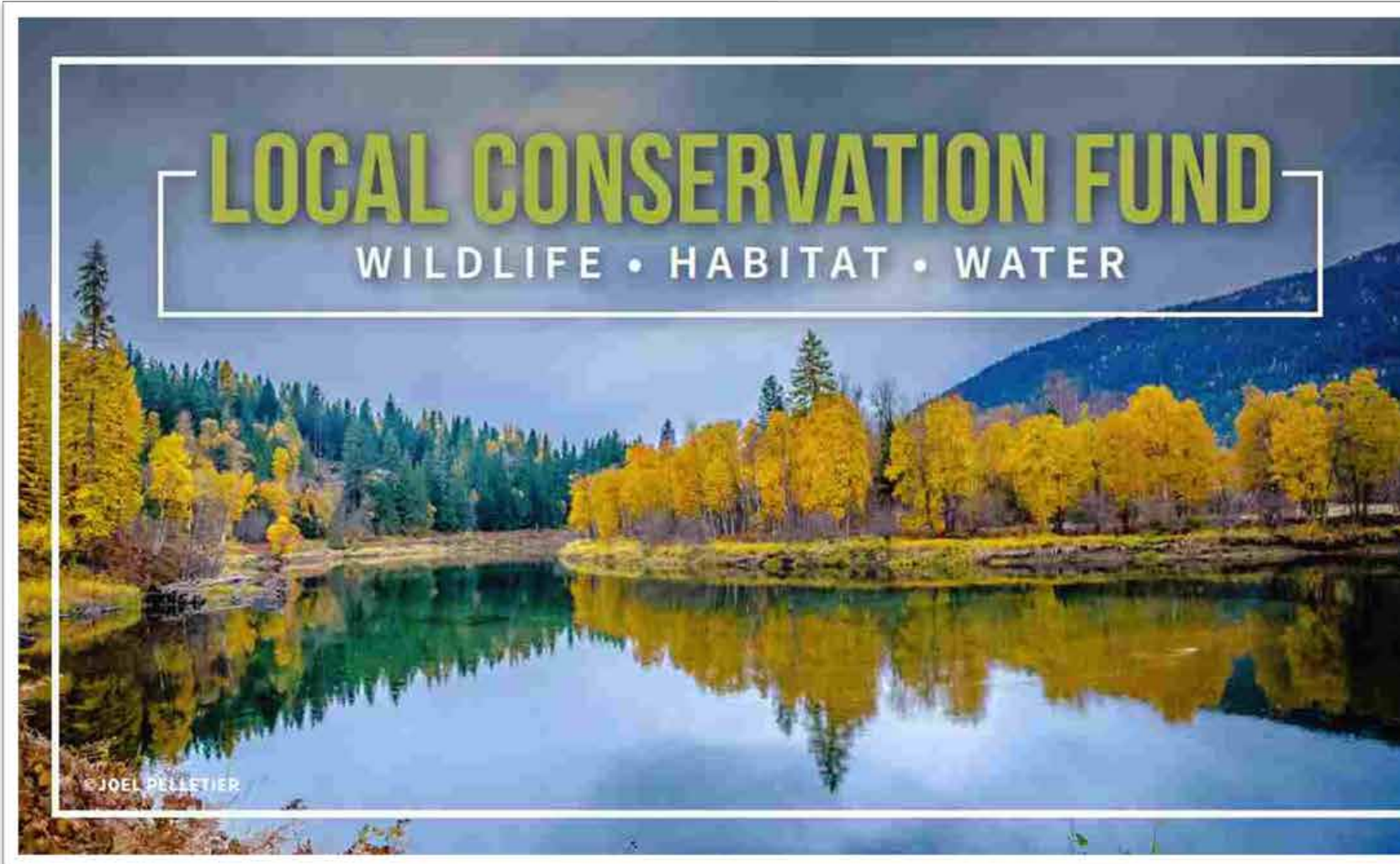
5

hectares of land restored

From 2016-2021, **Kootenay Lake Local Conservation Fund** approved 37 grants totalling \$468,000 million

Leveraged nearly 4 times that amount in additional grants and in-kind contributions

Securement of 2 conservation properties



A Local Conservation Fund will create a dedicated fund for high priority local conservation projects. This service is being proposed for the Slocan Valley. Please vote in the referendum on **October 15, 2022.**



**PLEASE
VOTE**



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- 2019 News Archive
- 2018 News Archive
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Referendum on Local Conservation Fund in Electoral Area H passes

October 15, 2022

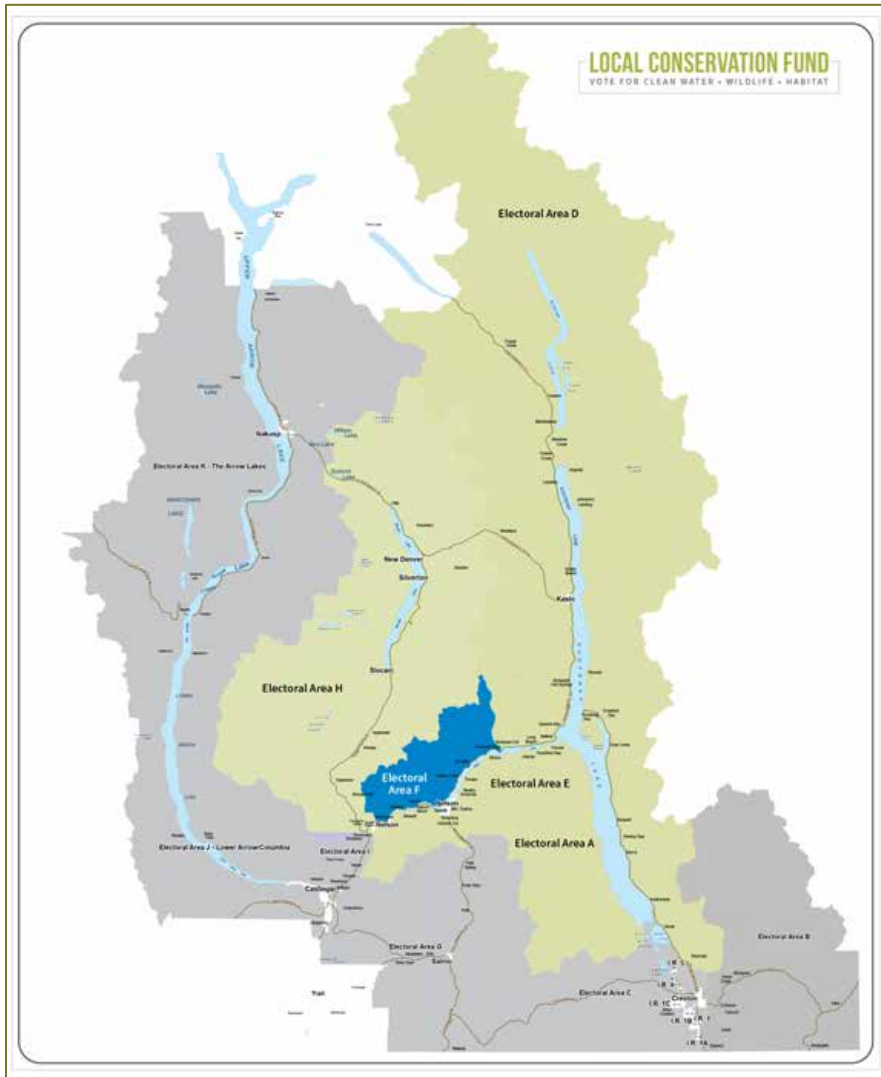
Nelson, BC: Electoral Area H in the Regional District of Central Kootenay (RDCK) has voted in favour of joining the RDCK Local Conservation Fund service. The Chief Elections Officer of the RDCK has declared the unofficial Assent Voting Results from the October 15 referendum. The official results will be determined and reported by Wednesday, October 19 at 4:00 pm.

[Unofficial signed results \[PDF - 713 KB\]](#)

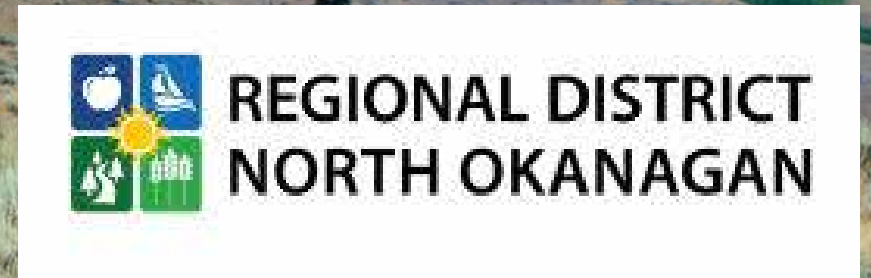
The unofficial results are as follows:

Passed!





Alternative Approval Process



BRITISH COLUMBIA Ministry of Finance
2021 PROPERTY TAX NOTICE
 issued under the Taxation (Rural Area) Act

1 DUE DATE: July 2, 2021
2 eTaxBC Enrolment Code: n6p9
 May 12, 2021

3 Jurisdiction: 764
4 Roll Number: 000000.000
5 Folio Number: 764 00000.000
6 Account Number: RPT-0000-0000
7 Letter Id: LXXXXXXXXXX
8 Property Address: MAIN ST
 000-000-000
 Legal Description
9 PID: 000-000-000
10 Lot XX, Plan V1P00000, Section 0, Cowichan Land District, Portion MAYNE ISLAND

ELIZABETH M SMITH
 390 MAIN ST
 MAYNE ISLAND BC

To claim your 2021 Home Owner Grant, apply online at gov.bc.ca/homeownergiant

	11 Class	12 Land Value	Improvements	13 Rate	No Grant A	Reg Grant B	Add'l Grant C
	01	73,900	281,000	1.36650	492.07	492.07	492.07
					0.00	(492.07)	0.00
					492.07	159.71	159.71
					20.44	20.44	20.44
Provincial Services							
14 School	01	73,900	281,000	0.45000	238.57	238.57	238.57
15 Less: Home Owner Grant	01			0.05760	(52.93)	(52.93)	52.93
Net School					378.82	378.82	378.82
16 Provincial Rural Tax	01	73,900	281,000	0.05741	204.21	204.21	204.21
17 Police Tax	01	73,900	281,000	0.57541	64.39	64.39	64.39
18 Local Services	01	73,900	281,000	0.18144	14.59	14.59	14.59
CRD ELECTORAL AREA SGI	01	73,900	281,000	0.04110	0.07	0.07	0.07
MAYNE ISLAND PARKS & REC.	01	73,900	281,000	0.00020	0.00	0.00	0.00
MAYNE ISLAND ID	01	73,900	281,000		49.96	49.96	49.96
MAYNE ISL TRUST AREA LEVY	01	73,900	281,000		220.52	220.52	(352.93)
CAPITAL REGIONAL HOSPITAL DIST	01	73,900	281,000		0.00	(77.93)	1,051.26
SIC ASSESSMENT	01	73,900	281,000		0.00	1,326.28	(200.09)
MUNICIPAL FINANCE AUTHORITY	01	73,900	281,000		0.00	(200.09)	(200.09)
19 Parcel Tax					1,896.28	1,896.28	1,896.28
SGI WHARF FACILITIES					(200.09)	(200.09)	(200.09)
SURESIDE PARK WATER					1,696.19	1,696.19	851.19
20 Residual Home Owner Grant							
TOTAL 2021 PROPERTY TAXES							
Payments/Credits Applied							
BALANCE							

The Rural Property Tax Notice is for the 2021 calendar year and has been sent to all registered property owners.

Keep the top portion for your records

22 REMITTANCE ADVICE
 2021 PROPERTY TAX NOTICE

BRITISH COLUMBIA Ministry of Finance
 Mailing Address: PO Box 9446 5th Prov Govt Victoria BC V8Y 9V6

ACCOUNT NUMBER: RPT-0000-0000
 DUE DATE: Jul 2, 2021

EQAD NUMBER: 764 000000.000
 A. Pay this amount if you are not applying for the Home Owner Grant: **23 1,696.19**
 B. Pay this amount if you are applying for the regular home owner grant: **24 1,126.19**
 C. Pay this amount if you are applying for the additional home owner grant: **25 851.19**

See reverse for payment options and how to claim your home owner grant

PAYABLE BY:
 ELIZABETH M SMITH
 390 MAIN ST
 MAYNE ISLAND BC

013403671687





Home Who We Are What We Do **Local Conservation Funds** News & Resources

Project Proposals

KLLCF funding is available for conservation projects that result in the reduction to a known threat to biodiversity. Projects that are technically sound and effective, and provide value for money through partnerships with other funders will have priority. Proponents must be a registered not-for-profit organization, First Nations band, or local government. Unqualified groups or organizations may partner with a qualified organization. Multi-year projects are acceptable to a maximum three years. A Technical Review Committee will review project proposals and make recommendations to the RDCK for final funding approval.

Annual Timeline

- **August 15** – Call for Proposals
- **October 29** – Applications Due
- **November** – Technical Review Completed
- **January** – RDCK Review Completed
- **February** – RDCK Board of Director's Final Approval
- **March** – Applicants Notified
- **April** – Funding Agreement Documents Finalized

Note: Land acquisition or covenant proposals may be submitted at any time during the year provided there is sufficient time for the KCP Technical Review Committee and the RDCK to review proposals. Any money not allocated from the Local Conservation Fund in any given

Application Requirements

Proposals must meet the Mandatory Requirements before they will be considered. These are:

1. Projects must be delivered in the **Fund Service Area** where the Local Conservation Property Parcel Tax is collected in the rural areas around Kootenay Lake, specifically Electoral Areas A, D, and E ([click here for map](#)) within the RDCK.
2. Projects must address at least one IUCN threat to biodiversity as specified in the **Terms of Reference**.
3. Projects must address at least one of the Direct Conservation Action priorities ([see Table 5](#)) indicated in the **KLLCF Guidance Document**. The Executive Summary of the guidance document can be found [here](#).
4. Proponents must be non-profit, have registered society status or must partner with an organization that has registered society status.
5. Proponents must be prepared to make a 10 minute presentation on the outcomes of their work on an annual basis, in addition to submitting a written report.

Grant Application Forms

The 2022 intake for the Kootenay Lake Local Conservation Fund has closed.

Grant Reporting Forms

For 2021 Projects, Final Report is due January 31, 2022. Please check back for the form.

Video Guidelines

- Video Guidelines for KLLCF Projects

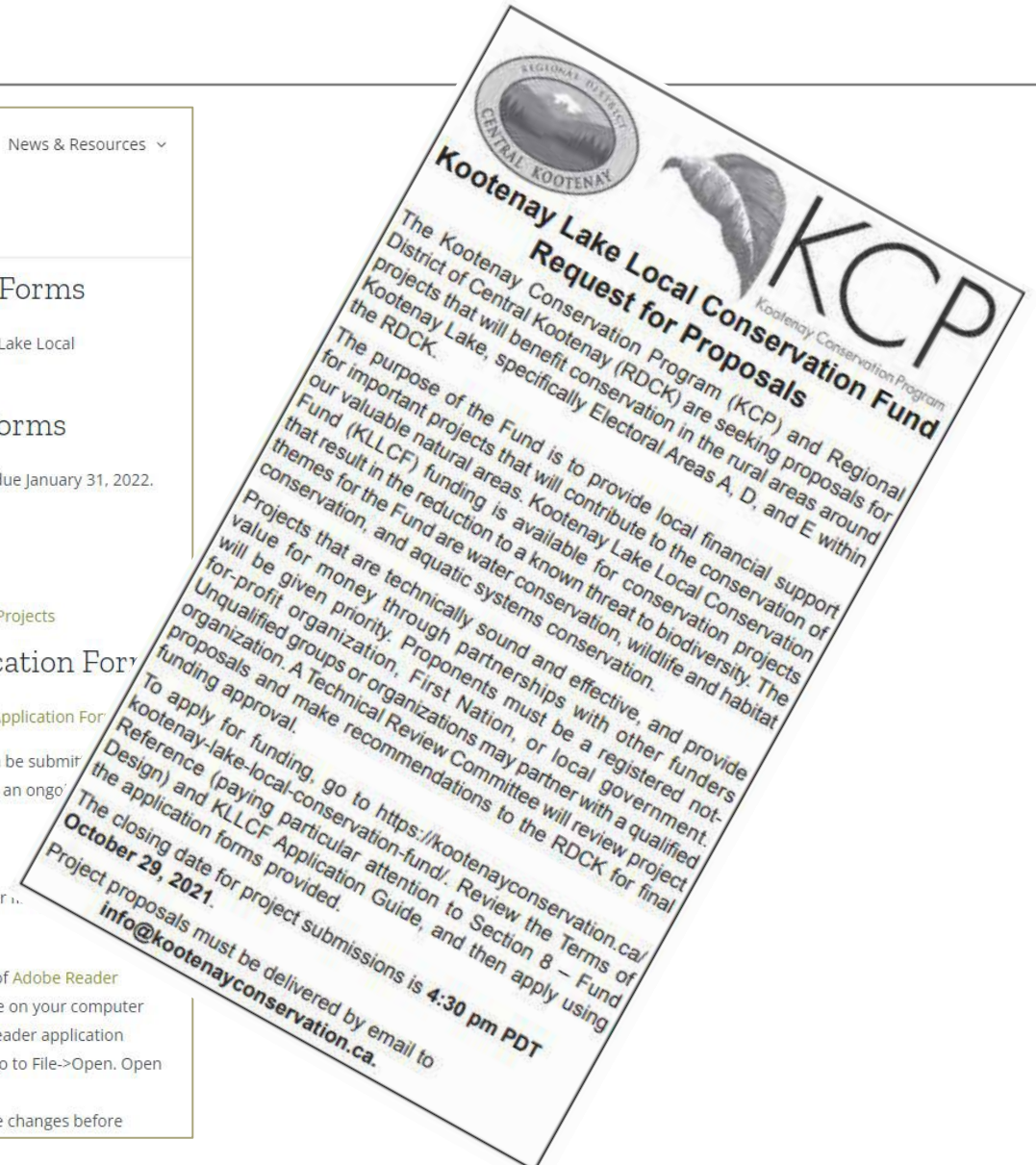
Securement Application Form

Securement application forms can be submitted to info@kootenayconservation.ca on an ongoing basis.

Form Help

Please follow these instructions for submitting your application:

1. Install the most recent version of [Adobe Reader](#)
2. Save the form to your local drive on your computer
3. Open the Adobe Acrobat Pro/Reader application
4. On the Acrobat Reader menu, go to File->Open. Open the file from where you saved it.
5. Complete the form and **save** the changes before



Kootenay Lake Local Conservation Fund Request for Proposals

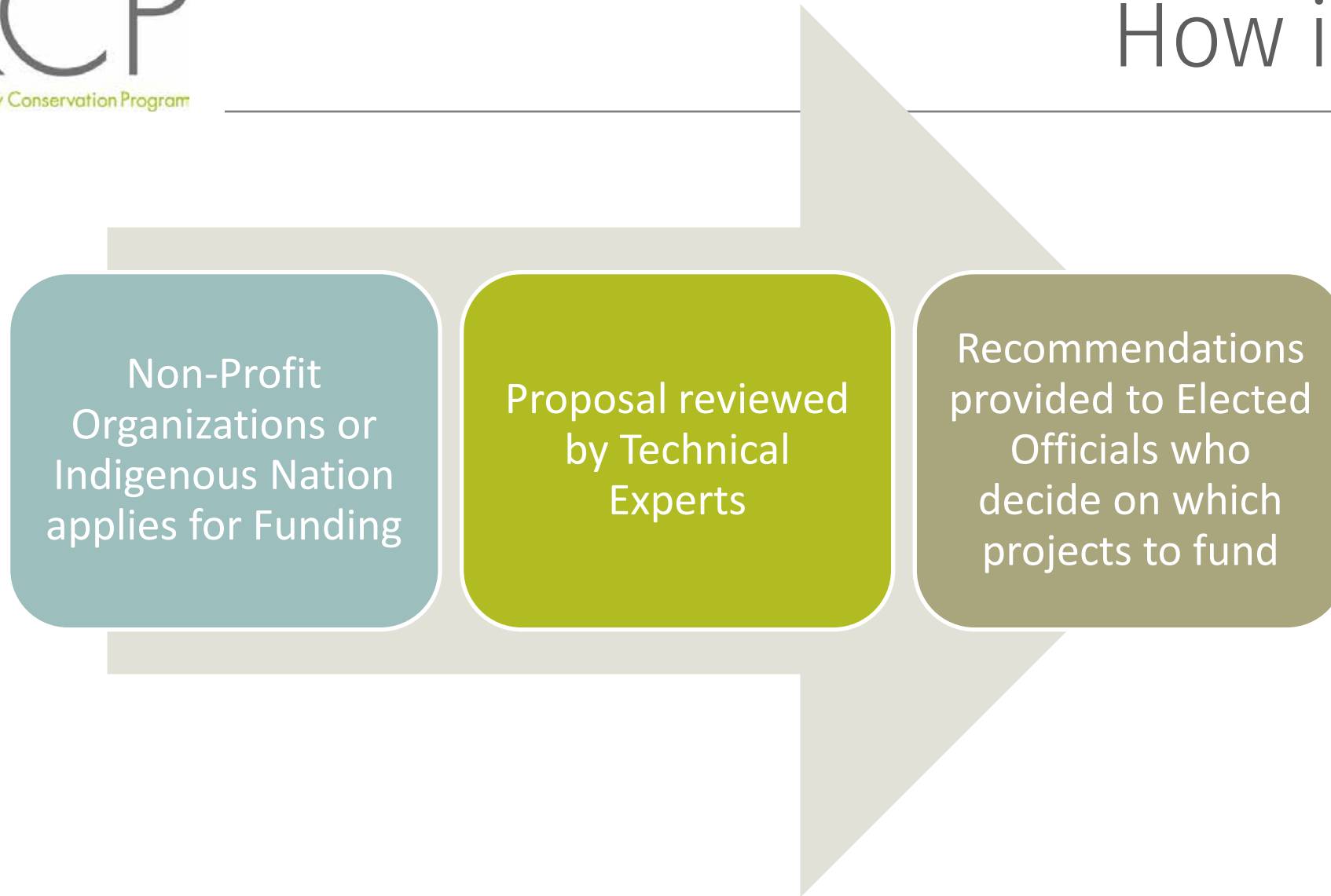
The Kootenay Conservation Program (KCP) and Regional District of Central Kootenay (RDCK) are seeking proposals for projects that will benefit conservation in the rural areas around Kootenay Lake, specifically Electoral Areas A, D, and E within the RDCK.

The purpose of the Fund is to provide local financial support for important projects that will contribute to the conservation of our valuable natural areas. Kootenay Lake Local Conservation Fund (KLLCF) funding is available for conservation projects that result in the reduction to a known threat to biodiversity, conservation, and aquatic systems conservation.

Projects that are technically sound and effective, and provide value for money through partnerships with other funders will be given priority. Proponents must be a registered not-for-profit organization, First Nation, or local government. Unqualified groups or organizations may partner with a qualified organization. A Technical Review Committee will review project proposals and make recommendations to the RDCK for final funding approval.

To apply for funding, go to <https://kootenayconservation.ca/kootenay-lake-local-conservation-fund/>. Review the Terms of Reference (paying particular attention to Section 8 – Fund Design) and KLLCF Application Guide, and then apply using the application forms provided.

The closing date for project submissions is **4:30 pm PDT October 29, 2021**. Project proposals must be delivered by email to info@kootenayconservation.ca.



2023 RDCK LCF Project Recommendations



- KCP Report to the RDCK
 - Summary of projects
 - Conflicts of interest
 - General recommendations to Directors
 - Technical feedback to proponents
 - Recommendation for project support (funding)



➤ Lardeau Valley Opportunity LINKS

- 2023 Request \$11,500
- TRC Rec: \$11,500

Photo: Gillian Sanders

➤ Friends of Kootenay
Lake Stewardship
Society

- 2023 Request \$14,662
- TRC Rec: \$14,662

Photo: Friends of Kootenay Lake
Stewardship Society



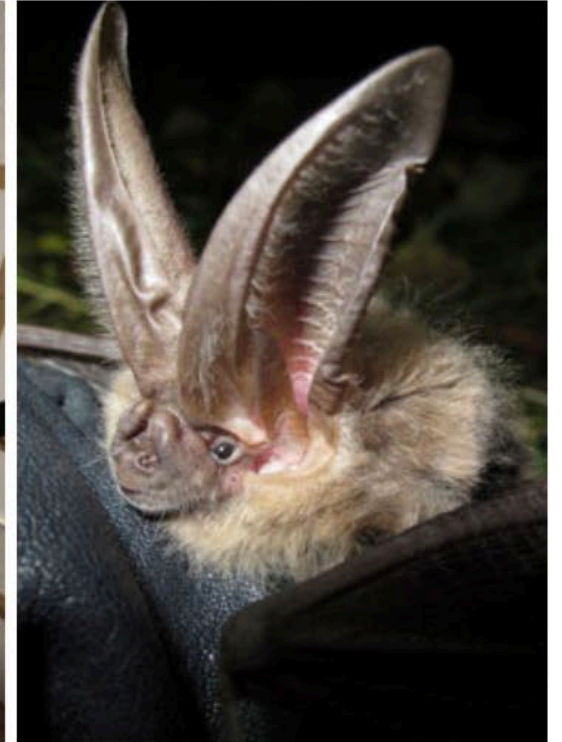
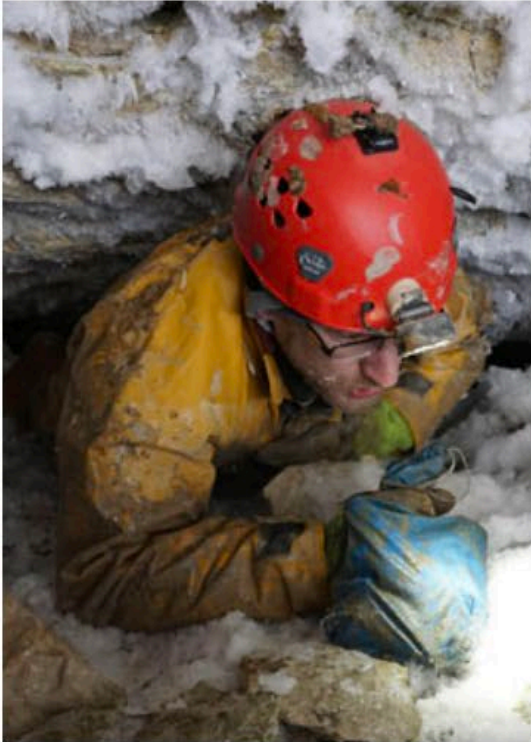
KCP
Kootenay Conservation Program

2023 Proposals: Protecting Indigenous Cultural Values and Fish and Wildlife Habitat on Kootenay Lake

➤ Ktunaxa Nation Council

- 2023 Request \$10,000
- TRC Rec: \$10,000

Photo: Heather Leschied



Photos: Wildlife Conservation Society

➤ **Wildlife Conservation Society Canada**

➤ 2023 Request \$20,441

➤ TRC Rec: 2023 \$20,441



➤ BC Conservation Foundation

- 2023 Request \$10,000
- TRC Rec: \$10,000



➤ Living Lakes Canada

- 2023 Request \$7,773
- TRC Rec: \$7,773

2023 Proposals: Fuel Management and Wildfire Impacts on Vegetation, Wildlife, and Water Quality



➤ **Arrow Lakes
Environment
Stewardship Society**

- 2023 Request \$9,500
- TRC Rec: \$0
- Not technically sound

➤ **7 proposals ranked by priority (highest to lowest with scores):**

1. Grizzly Bear Coexistence Solutions (Lardeau Valley Opportunity LINKS) – 47.4
2. Expansion of Harrop Proctor Wetland Restoration (FOKLSS) – 46.8
3. Protecting Indigenous Cultural Values and Fish & Wildlife Habitat on Kootenay Lake (KNC) – 42.8
4. Bat Roost Habitat Monitoring in the Kootenay Lake Region (WCSC) – 42.6
5. Habitat Restoration for Beavers along Duncan Lardeau River Floodplains (BCCF) – 42.3
6. Kootenay Watershed Science (LLC) – 40.6

NOT RECOMMENDED

7. Fuel Management and Wildlife Impacts on Vegetation, Wildlife and Water Quality (ALESS)

Funding for **six (6)** of the seven (7) proposed projects for 2023

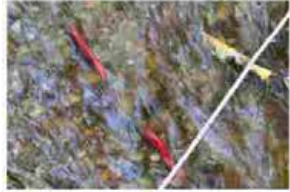
➤ **Totalling \$74,376** in funding



KCP

Kootenay Conservation Program

Local Conservation Fund Projects



Abel Creek Culvert Rehabilitation Project



Bat Roost Habitat Enhancement in the Columbia Valley



Boulder Creek Diversion Project



Climate and Water Conservation Action Initiatives



Conservation of Biodiversity in the Columbia Wetlands



Dutch Findlay Ecosystem Restoration



Hoodoo Conservation Property Management Project



Kinsmen Beach Shoreline Restoration Project



Columbia Lake Ecosystem Monitoring and Education



Columbia Valley Food Advantage Stewardship



Darkwoods Ecosystem Restoration at Tye



Evaluating Bat Boxes as a Mitigation for White-Nose Syndrome



Fish/Bear Lakes Western Toad Mortality Mitigation Implementation Along Highway 31A



Kootenay Lake Osprey Nest Monitoring



Kootenay Lake Shoreline Guidance Document Outreach



Kootenay Watershed Science



Land Securement for Conservation Purposes at Cottonwood Lake



Community Monitoring and Removal of Aquatic Invasive Species



Darkwoods Ecosystem Restoration at Tye



Evaluating Bat Boxes as a Mitigation for White-Nose Syndrome



Fish/Bear Lakes Western Toad Mortality Mitigation Implementation Along Highway 31A



Kootenay Lake Osprey Nest Monitoring



Kootenay Lake Shoreline Guidance Document Outreach



Kootenay Watershed Science



Grizzly Bear Coexistence Solutions



Habitat Restoration for Beavers along the Duncan



Harrop Wetland Enhancement Project



Knotweed Removal on Private Lands



Next Creek Property Acquisition



Western Painted Turtle Conservation



Wildflowers for Pollinators

www.kootenayconservation.ca



www.kootenayconservation.ca

Local Conservation Fund for RDCK Area F: Frequently Asked Questions

January 2023

What is a Local Conservation Fund?

A Local Conservation Fund is a local government service that creates dedicated funding to support local high priority conservation projects.

- The Regional District of Central Kootenay (RDCK) Local Conservation Fund was established in Electoral Areas A, D and E as a RDCK Service in 2014, and in October 2022, residents of RDCK Area H voted by referendum to join the fund, expanding the service to the Slocan Valley.
- This service provides funding for conservation projects that are not the existing responsibility of federal, provincial, or local governments.
- Local Conservation Funds support high priority projects that benefit wildlife, habitat, and water, which in turn support healthy communities.
- Landowners pay \$15 per parcel per year towards a dedicated conservation fund.

What types of projects are funded?

Local Conservation Funds are dedicated to conservation and ensure that funding addresses local priority issues. Examples of the types of projects funded include:

- Wetland and creek restoration
- Improvement of fish and wildlife habitat
- Water monitoring to understand the impacts of climate change on water supply
- Creation of native plant pollinator meadows
- Reduced human-wildlife conflict projects like cost-share electric fencing
- Land acquisition of ecologically significant properties
- Monitoring for early detection of aquatic invasive species
- Incentives for local farmers to steward their land for habitat as well as food production

Are there economic benefits?

Local Conservation Funds serve as seed funding for projects. Each \$15 paid per parcel turns into \$75 with matching and in-kind support.

- Funds are spent locally, which creates added economic benefit through creating local jobs, the purchase of materials and supplies, and work for contractors and businesses.
- From 2016 to 2021, the RDCK Local Conservation Fund distributed \$468,000 which raised an additional \$2.1 million towards the projects.
- Projects that receive Local Conservation Funds have successfully attracted a wide range of other funding partners based on this initial investment including regional funders, federal and provincial governments, utility companies, businesses, foundations, and non-profit societies.

How are projects chosen?

Project proposals are reviewed by an independent, volunteer panel of technical experts before being decided on by local elected officials.

- The Technical Review Committee is made up of local experts who review and rank proposals according to pre-determined technical criteria and make recommendations.
- Based on Technical Review Committee recommendations, elected officials ultimately decide which projects receive funding and for how much in any given year.

Has this service in the Kootenays been successful?

This service has been established in the Kootenays and Okanagan and continues to spread.

- Local Conservation Funds in the Kootenays have supported over 120 local conservation grants.
- The Regional District of Okanagan Similkameen established a Local Conservation Fund in 2016 and the Regional District of North Okanagan established a Local Conservation Fund in 2019.

Is there a Local Conservation Fund in Area F?

This service is currently being proposed by the RDCK for Area F.

- Approval for adding Area F to the RDCK Local Conservation Fund Establishment Bylaw will be sought through the Alternative Approval Process (AAP) to assess public support.
- If approved, landowners in Area F would pay \$15 per parcel, per year, into a dedicated conservation fund that would benefit wildlife, habitat, and water.

What is an Alternative Approval Process (AAP)?

In order to be successful, the AAP requires that less than 10% of qualified electors in Area F register formal opposition to the proposed bylaw once it has been advertised.

- The RDCK must give public notice of the AAP and provide forms for qualified electors to submit their opposition and request the process move to referendum. This process is expected to occur in April 2023.

Why is the AAP being used instead of a referendum?

The Alternative Approval Process is much less expensive than a referendum.

- An AAP is a much more cost-effective option for determining public support than a referendum.
- Market research polling conducted by Kootenay Conservation Program in 2018 determined that the majority of residents in the Kootenay Lake and Slocan Valley regions were in favour of the Local Conservation Fund service (67%). Results for the 2022 Slocan Valley referendum was 66% in favour, indicating that the polling results are accurate and a referendum in Area F would pass.
- The AAP was used successfully to establish a Local Conservation Fund service in the Okanagan.

For more information:

- Juliet Craig, Kootenay Conservation Program, juliet@kootenayconservation.ca; 250-352-2260
- For more information see: <https://kootenayconservation.ca/lcf-area-F-expansion/>



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**RIONDEL COMMISSION OF MANAGEMENT
OPEN MEETING MINUTES**

7:00 PM

January 3, 2023

IN-PERSON MEETING LOCATION FOR HYBRID MEETING MODEL

The following location has been determined to hold the in-person meetings for Riondel Commission of Management:

Location Name: Riondel Community Centre, Commission Office, Room #6

Location Address: 1511 Eastman Ave., Riondel BC

The facility listed above will be able to accommodate the remote requirements for the meeting.

Meeting Link:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=med1bf35e6d404e1164dd782af45e7346>

Toll Free number: 1-844-426-4405

Meeting Number (access code): 2461 031 5454

COMMISSION/COMMITTEE MEMBERS

Commissioner Panio	Riondel	In-person/Remote
Commissioner Donald	Riondel	In-person/Remote
Commissioner Anderson	Riondel	In-person/Remote
Commissioner Wilkinson	Riondel	In-person/Remote
Commissioner Jackman	Director – Electoral Area A	In-person/Remote

MEMBERS ABSENT

STAFF

Lindsay MacPhee	Administrative Assistant - Meeting Coordinator
Jason McDiarmid	Utility Services Manager
Alexandra Divlakovski	Water Operations Manager

5 out of 5 voting Commission members were present – quorum was met.

1. CALL TO ORDER

Chair Panio called the meeting to order at 7:00 p.m.

2. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

3. ADOPTION OF AGENDA

MOVED and seconded,
AND Resolved:

The Agenda for the January 3, 2023 Riondel Commission of Management meeting, be adopted with the inclusion of items 8.3 Curling Club Electrical Subsidy.

Carried

4. RECEIPT OF MINUTES

The December 6, 2022 Riondel Commission of Management minutes, have been received.

5. DELEGATE

5.1 Draft S241 Water Utility-Area A (Riondel) 2023 to 2027 Financial Plan

Jason McDiarmid, Utility Services Manager, and Alex Divlakovski, Water Operations Manager, provided the Commission with a verbal report regarding the draft S241 Water Utility budget, notable items included:

- a 4% increase in the parcel tax and a 5% increase in water rates for 2023,
- an increase in salaries on account of monthly visits by a Level 2 Operator,
- Benefits increased to \$9274 due to our Maintenance Assistant moving into a full-time, fully benefitted position
- A redesign of the reservoir valve chamber and meter is planned for 2023, and construction planned for 2024
- Intake repairs will be completed in 2023
- Site preparation for the Portable generator scheduled for 2023, possible purchase and install in 2024 based on further investigation
- Contributions to reserves are on the rise
- In long-term planning, consider either replacing the current reservoir or acquiring a second smaller reservoir to increase reservoir capacity.

5.2 Draft S165 Drainage-Area A (Riondel) 2023 to 2027 Financial Plan

Jason McDiarmid, Utility Services Manager, provided the Commission with a verbal report regarding the draft S165 Drainage budget, notable items included:

- increased rates over the 5 years are compensating for historical under-contributions to the service and will provide the funding to do needed work,
- annual rate increases are the maximum allowed under bylaw, another 25% in 2025 is allowed without public approval,
- upgrading the asset management plan and identifying current issues is needed before repairs can be started,
- Director Jackman recommends to have Yellowhead Road & Bridge identify in writing which 18 culverts they own and are responsible for before a consultant is hired for asset management planning.

- Chair Panio expressed concern over the high proportion of the current Drainage budget (over 50%) that has been going to cover administrative expenses for this service.

5.3 Proposed Drainage Bylaw No. 2870 Status

Jason McDiarmid, Utility Services Manager, provided the Commission with a verbal report regarding the status of the proposed drainage bylaw no. 2870, including that it is in its second reading by the Water Services committee and is on hold until there is a memorandum of understanding with Ministry of Transportation and Infrastructure.

6. PUBLIC TIME

No public comment.

7. OLD BUSINESS

7.1 Riondel Community Centre Roof Tender

Chair Panio provided the Commission with a verbal update regarding the Riondel Community Centre roof tender, including that no bids were received by the tender deadline, and that the architect will redraft the tender proposal to address the risk and uncertainty associated with the patch or repair portion of the tender.

7.2 Electronic Notice Board

Chair Panio provided the Commission with a verbal update regarding the electronic notice board, including that he has not talked with maintenance staff about the status of the sign.

7.3 Waste Management

Chair Panio provided the Commission with a verbal update regarding waste management activities in the community, including that there are staffing shortages and bags of garbage have been left behind when no attendant is present. Chair Panio has drafted a public memo regarding the misuse of the Tip-it bins to be posted upon review and approval.

7.4 Surveillance Update

Chair Panio provided the Commission with a verbal update regarding surveillance options for the Riondel Community Centre, including that two Bluetooth cameras have been purchased to install at the community centre.

7.5 Skating Rink Update

Chair Panio provided the Commission with a verbal update regarding the activities at the skating rink, including that the skating rink was well taken care of by community members and residents were happy to have the amenity. A couple of "Use at Your Own Risk" notices have been posted, and further exemplars of notices requested from the RDCK office.

7.6 Snow Ploughing Update

Chair Panio provided the Commission with a verbal update regarding snow removal in the community, including that the tractor has been repaired and a contract for the ploughing of the Bluebell Manor and the Riondel Fire Hall has been given to Akokli Contracting.

8. NEW BUSINESS

8.1 New Thermostat for Auditorium

Chair Panio provided the Commission with a verbal report regarding the thermostat in the auditorium, including that a fully programmable thermostat has been purchased for the auditorium to better moderate the heat.

8.2 Community Planning Discussion

Director Jackman provided the Commission with a verbal report regarding the process for community planning and zoning, including that staff are finding it hard to review every community plan within the Regional District of Central Kootenay every 5 years. Ymir has a simple community plan and could be used as a template for the community of Riondel.

8.3 Curling Club Electrical Subsidy

Chair Panio provided the Commission with a verbal report regarding a request from the Curling Club, including that the Curling club has struggled last 3 years and have requested the Commission to provide financial assistance for the electrical bill that is approximately \$6,000 annually.

MOVED, and Seconded

And Resolved, that it be recommended to the Board that:

The Board approve the payment of the following grants from the Riondel Commission of Management Service Area S209 – Riondel, budget for 2023

Riondel & District Curling Club	50% of the Curling club's annual electrical costs, not to exceed \$3,000.
---------------------------------	---

Carried

9. CORRESPONDENCE

No correspondence.

10. AREA A DIRECTOR'S REPORT

Director Jackman will provided the Commission with a verbal report, including that the Comprehensive Land Use Bylaw for Electoral Area A has been in place for years, which includes community planning and zoning sections. Riondel is listed in Schedule A, regarding general community planning, however being un-zoned Riondel is not identified in the bylaw's Schedule B. Once this community plan review process is underway, land use designations can change through public input process, after which the zoning process begins.

11. FINANCIAL REPORTS

The Revenue and Expense Report for December 2022 and the November Service Statements have been received.

12. PUBLIC TIME

No public comment.

13. NEXT MEETING

The following Riondel Commission of Management meeting will be held on February 7, 2023 at 7:00 pm.

14. ADJOURNMENT

MOVED and seconded,
AND Resolved:

The Riondel Commission of Management meeting be adjourned at 9:16 pm.

Carried

Digitally approved via email.

Gerald Panio, Chair

RECOMMENDATION(S) TO THE BOARD OF DIRECTORS

1. The Board approve the payment of the following grants from the Riondel Commission of Management Service Area S209 – Riondel, budget for 2023

Riondel & District Curling Club

50% of the Curling club’s annual electrical costs, not to exceed \$3,000.

THE FOLLOWING ITEMS ARE PROVIDED FOR CONVENIENCE ONLY AND WILL BE CONSIDERED AT ITS APPROPRIATE MEETING AS STATED.

Future Riondel Commission of Management Meetings

1. *Election of Chair*
2. *Electronic Notice Board*
3. *Riondel Community Centre Roof Tender*
4. *Surveillance Update*



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**AREA I ADVISORY PLANNING AND HERITAGE
COMMISSION
OPEN MEETING MINUTES**

6:30PM

Monday, December 12TH, 2022

Remote Meeting via Webex

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote.

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m1008a76699b65b0182824ad4d707607b>

Join by Phone:

1-844-426-4405 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2772 027 8568

Meeting Password: FYjARZqA835

In-Person Location: N/A

COMMISSION MEMBERS

Commissioner Member	Kelly Poznikoff	Electoral Area I, Secretary
Commissioner Member	Andy Ozeroff	Electoral Area I, Vice-Chair
Commissioner Member	Brian Bebelman	Electoral Area I, Chair

STAFF

Sadie Chezenko	Planning Assistant
Stephanie Johnson	Planner

GUESTS

Andrew Davidoff	Director, Electoral Area I
Lisa Markin	Area I OCP Review Guest
Marcia Strelaeff	Area I OCP Review Guest
Eileen Kooznetsoff	Area I OCP Review Guest

3 out of 3 voting Commission/Committee members were present – quorum was met.

1. CALL TO ORDER

Chair Bebelman called the meeting to order at 6:38 p.m.

2. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the Indigenous peoples within whose traditional lands we are meeting today.

3. ADOPTION OF AGENDA

MOVED and seconded,

AND Resolved:

The Agenda for the December 12, 2022 Electoral Area I Advisory Planning and Heritage Commission meeting, be adopted as circulated.

Carried

4. RECEIPT OF MINUTES

The November 14, 2022 Electoral Area I Advisory Planning and Heritage Commission minutes, have been received.

5. DELEGATE

5.1 No delegations

6. OLD BUSINESS

6.1 Official Community Plan Review

Planner Stephanie Johnson to present on the Area I OCP project. A committee report dated November 24, 2022 is attached for information only.

The following was discussed:

- Director Davidoff has invited three community members, Lisa, Marcia and Eileen to be present at these meetings and participate as members of the public regarding the OCP update
- Stephanie Johnson presented a broad overview of the 5 phases of the OCP project
 - The project webpage has much of this information online here:
<https://www.rdck.ca/EN/main/services/community-planning/area-i-community-plan-review.html>
- Commission Feedback
 - Neighbour friendly land use and neighbour friendly development is central to developing the new OCP
 - Regional Context
 - Area I is small and functions in a broader region, specifically with Area J and Castlegar
 - Future needs to be considered in this context
 - Seniors and Housing
 - Apartments, condos, and smaller units would be more suitable for seniors than larger properties or single detached dwellings
 - Seniors need more places to downsize too

- Area I needs more housing that can accommodate homecare or assisted living
- Needs more housing that can accommodate seniors needs at rates they can afford
- Seniors are migrating due to numerous factors, including lack of suitable housing (affordable, accessible etc) and lack of access to necessary facilities and services
- Decline in family care, more seniors are relying on care from outsiders – could there be a way to facilitate more local community care?
- The community needs a seniors care facility so that folks can age in place
- Childcare
 - Need more childcare facilities
 - Lack of care options in Area I
- Walkability
 - Parts of the region are unsafe for walking – especially in the winter
 - Plan for more active transportation corridors
 - Cultivate more safety for walkers sharing spaces with vehicles
- Parks
 - Trail system from Brilliant bridge would be a benefit
- Engagement
 - More engagement with new residents is important
- Communications
 - Towers are being considered between Rogers and private landowners
 - Important for satellite service and emergency services
 - Rural connectivity, particularly last mile improved is a priority
- Next meeting
 - Monday, January 9th at 6:30pm
- Open House
 - Discuss setting an Open House
 - Thursday, January 26th at 6:30

7. NEXT MEETING

The next Electoral Area I Advisory Planning and Heritage Commission is on January 9th at 6:30pm.

8. ADJOURNMENT

MOVED and seconded,
AND Resolved:

The Electoral Area I Advisory Planning and Heritage Commission meeting be adjourned at 8:45 p.m.

Approved by

Carried

Brian Bebelman, Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**AREA E ADVISORY PLANNING AND
HERITAGE COMMISSION**

OPEN MEETING MINUTES

5:00PM

Thursday, January 05th

**Remote Meeting via
Webex**

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote.

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=ma990ca8664721b71233407f49c0a06c7>

Join by Phone:

604-449-3026 (Vancouver)

1-844-426-4405 (Canada Toll Free)

Meeting Number (access code): 2772 709 7494

Meeting Password: 2Rwz9XxMpy5

In-Person Location: N/A

COMMISSION/COMMITTEE MEMBERS

Commissioner Demers	Electoral Area E
Commissioner Doyle	Electoral Area E
Commissioner Gatto	Electoral Area E

DIRECTOR

Director Graham	Electoral Area E
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STAFF

Sadie Chezenko	Planning Assistant
Zachari Giacomazzo	Planner 1

3 out of 3 voting Commission members were present – quorum was met.

1. CALL TO ORDER

Planning Assistant Sadie Chezenko called the meeting to order at 5:04 p.m

2. ELECTION OF CHAIR

CALL FOR NOMINATIONS

Commissioner Demers nominated Commissioner Doyle

DECLARATION OF ACCLAIMED CHAIR

Planning Assistant Sadie Chezenko ratifies the appointed Commissioner Doyle as Chair of the Area E Advisory Planning and Heritage Commission for the remainder of their term.

3. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the Indigenous peoples within whose traditional lands we are meeting today.

4. ADOPTION OF AGENDA

MOVED and seconded, AND Resolved:

The Agenda for the December 05, 2023 Electoral Area E Advisory Planning and Heritage Commission meeting, be adopted as circulated.

Carried

5. RECEIPT OF MINUTES

The November 18, 2022 Electoral Area E Advisory Planning and Heritage Commission minutes, have been received.

6. DELEGATE

6.1 No delegations

7. STAFF REPORTS – REFERRALS

7.1 Development Permit DP2205E

The Development Permit dated December 06, 2022 from Planner Zachari Giacomazzo has been received.

The following was discussed:

- Reports provided in the application document damage caused by unauthorized works, particularly in the riparian zone
 - Report indicates that restoration of the lands to the original riparian state is not possible
 - Report outlines a comprehensive damage mitigation plan
- The purpose of the application is to remove the existing retaining wall and revegetate the slope to a more natural state
- Discussion on how applications are considered by the RDCK
 - Are applicants being advised or given options for satisfying DP conditions?
- Partial site being revegetated due to one retaining wall not currently failing

- Non-compliance is an issue on a broader scale in Area E
- Commission emphasised that riparian areas could benefit from more action on a proactive basis and less on a retroactive/mitigation basis
- A representative for the application was present to answer questions and agreed they were committed to follow through on the mitigation plan outlined in the Masse report.

Recommendation:

- Commission supports the approval of this application under the condition that the geotechnical and environmental (QEP) monitoring outlined in the Masse report is provided, followed throughout the mitigation process including confirmation that the environmental monitoring and professional guidance was adhered to. There has been a history of noncompliance on this property.

7.2 Development Permit DP2210E

The Development Permit dated December 10, 2022 from Planner Zachari Giacomazzo has been received.

The following was discussed:

- Application was triggered by a Building Permit Application
- Environmental report outlines the recent damage caused by unauthorized work particularly in the riparian zone.
 - Significant works were undertaken in the riparian zone within without a Development Permit that amount to irreparable damage
 - Report indicates that restoration of lands to the original riparian state is not possible. A comprehensive restoration plan is outlined instead
- Commissioner suggested that the riparian area should be put back to its original natural state (pre recent foreshore work) and any structures moved back behind the 15m setback
- Planning staff noted a \$2000 surcharge for DP applications that arise from bylaw enforcement
 - It is not a perfect tool – as one commissioner noted, this could act as a disincentive for remediation works
- Commissioner noted that the concrete platform looks to be at/below the high water mark for parts of the year (4 out of last 6 years)
- Applicant/owner was invited but not present for the meeting

Recommendation:

- Two commissioners did not support this application being approved
 - both requested more extensive remediation/mitigation work be done to repair damage
- One commissioner abstained from making a recommendation
- Commissioners suggested that a covenant be registered on the boat house ensuring that it not be used as a habitable dwelling as per Floodplain Management Bylaw 2080

8. NEW BUSINESS

8.1 Float Homes and Houseboats

A Committee report from December 2021 on houseboats and float homes prepared by Planner Corey Scott was attached for information only.

The following was discussed:

- Director Graham is looking for input regarding float homes and houseboats – will this be a potential problem in the future that we should address and how it could be addressed?
 - Float homes are already regulated by the province, and they are not accepting applications at this time
 - One option from the RDCK is zoning on the lake (such as with area F)
 - Enforcement can mean fines or asking for voluntary compliance
 - One commissioner did not see this as a major issue worth regulating at this time
 - Two commissioners thought this was an issue worth exploring now
 - Concern with sunken boats and waste disposal in the water
 - Identified that this use may become an issue in the future, and it may be good to understand the issues before it becomes a problem.
 - If a house boat or boat house were to become unmoored there is potential for it to become a navigational issue with the Kootenay Bay and Harrop-Procter ferries

8.2 Meeting Times

APHC meetings to move from 5:00pm to 3:00pm

9. PUBLIC TIME

The Chair called for questions from the public at 6:42 p.m.

10. NEXT MEETING

The next Electoral Area E Advisory Planning and Heritage Commission meeting is scheduled for January 26, 2023 at 3:00pm.

11. ADJOURNMENT

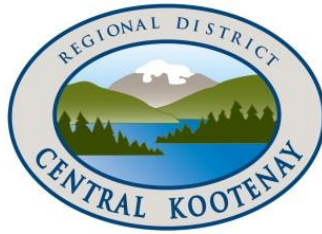
MOVED and
seconded, AND
Resolved:

The Electoral Area E Advisory Planning and Heritage Commission meeting be adjourned at 6:44p.m.

Carried

Approved by

John Doyle, Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

Recreation Commission No. 4 OPEN MEETING MINUTES

6:30 p.m.

Wednesday, January 11, 2023

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m759b80ed361ed6a9a41a3a3cac1c3358>

Join By Phone:

1-833-512-2295 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting number (access code): 2774 944 2153

Meeting password: TbESGaQf334

COMMISSION MEMBERS

Commissioner C. Hanet	Village of Nakusp
Commissioner T. Knooihuizen	Village of Nakusp
Commissioner S. Sanders	Area K
Commissioner M. Scott	Area K
Commissioner T. Weatherhead	By Virtue of Office
Commissioner A. McLaren-Caux	By Virtue of Office

STAFF

Joe Chirico	General Manager of Recreation
Tara Paczowski	Village of Nakusp Recreation Coordinator
Pearl Anderson	Community Meeting Coordinator

6 out of 6 voting Commission/Committee members were present – quorum was met.

1. CALL TO ORDER

Joe Chirico, General Manager of Recreation, called the meeting to order at 6:55 p.m.

2. ELECTION OF CHAIR

CALL FOR NOMINATIONS (3 Times)

Commissioner Sanders nominated Commissioner Hanet.

Commissioner Hanet accepted the nomination.

DECLARATION OF ACCLAIMED CHAIR

There being no further nominations, Joe Chirico, RDCK General Manager of Recreation, ratified the appointed Commissioner Hanet as Chair of Recreation Commission No. 4 for 2023 by acclamation.

Commissioner Hanet assumed the Chair.

3. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

4. ADOPTION OF AGENDA

MOVED and seconded,

AND Resolved:

The Agenda for the January 11, 2023 meeting be adopted with the following amendment:

- Addition of Item 6.2 Commissioner McLaren-Caux - RDCK Website Questions/Discussion

Carried

5. RECEIPT OF MINUTES

The November 30, 2022 Recreation 4 Area K and Village of Nakusp minutes have been received.

6. NEW BUSINESS

6.1 Nakusp Recreation Coordinator Report (January 11, 2023)

The January 11, 2023 Nakusp Recreation Coordinator report has been received.

6.2 Commissioner McLaren-Caux - RDCK Website Questions/Discussion

Commissioner McLaren-Caux asked the following questions regarding the RDCK website:

- Is Recreation Commission No. 4 information on the RDCK website?
- Are the meeting agendas on the RDCK website?

Joe Chirico, General Manager of Recreation, displayed the website and explained where Recreation Commission No. 4 meetings and the agenda are posted. Information regarding grants was also discussed. Due to technical difficulties with the website the agenda for the January 11th meeting was unable to be posted. Mr. Chirico advised that a new RDCK website is being launched in the spring.

7. Proposed 2023 Meeting Dates

To promote openness, transparency and provide accessibility to the public we will be required to provide the ability to attend all RDCK meetings in-person or remote (hybrid model). Meeting spaces must be accessible to the public.

Commission will discuss the 2023 meeting schedule and select dates and times as well suggest a possible location. If a suitable location cannot be determined, staff will assist in finding a location.

2023 Recreation Commission No. 4 Meeting Schedule

DATE	TIME A.M/P.M	HYBRID MEETING LOCATION
Wednesday, April 5, 2023	6:00 p.m.	
Wednesday, June 21, 2023	6:00 p.m.	
Wednesday, October 4, 2023	6:00 p.m.	

8. PUBLIC TIME

The Chair called for questions from the public at 7:32 p.m.

9. NEXT MEETING

The next Recreation Commission No. 4 meeting is scheduled for April 5, 2023 at 6:00 p.m.

10. ADJOURNMENT

MOVED and seconded,
AND Resolved:

The Recreation Commission No. 4 meeting be adjourned at 7:34 p.m.

Carried

Digitally Approved
Hank Hastings, Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**South Slovan Water Community Members Group
DISCUSSION NOTES**

Time: 9:00 am (PST) / 10:00 am (MST)
Date: January 12, 2023
Location: Hybrid Model

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m3fd9ff0b9f9b002cbd0c2f8e3d064ecc>

Join by Phone:

1-844-426-4405 (Canada Toll Free)
+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2771 445 3374

Meeting Password: aN3pdm4XWb2

PARTICIPANTS

Director W. Popoff, Electoral Area H	In-person
Peter Wood	In-person
Kathy Loxam	In-person
Gary Niminiken	Remote
Ian McGovern	Remote

RDCK STAFF

Uli Wolf, General Manager of Environmental Services	In-person
Jason McDiarmid, Utility Services Manager	In-person
Alex Divlakovski, Water Operations Manager	In-person
Shanna Eckman, Meeting Coordinator	

1. WELCOME AND INTRODUCTIONS

2. STAFF VERBAL REPORTS OPERATION AND MAINTENANCE UPDATE

- *New chemical dosing pumps installed, plumbing connections. Electrical and programming updated for the new installation.*
- *New batch tank and spill containment pad installed for new dosing pumps.*
- *One upper zone booster pump failure, new upper zone booster pump purchased and installed. Electrical upgrade to accommodate new pump.*
- *Uninterrupted Power Supply (UPS) serviced and batteries replaced.*
- *Annual flushing and valve exercising completed.*

- *Dam intake cleaned out by Smokey Creek Salvage.*
- *Of note, considerable reduction in cartridge filter consumption this year.*

3. 2023-2027 FINANCIAL PLAN PRESENTATION AND CAPITAL PROJECTS

The 2023 to 2027 Financial Plan for Service S245 Water Utility-Area H (South Slokan), has been received.

4. NEXT ASSEMBLY

The next assembly of South Slokan Water Community Members Group will be scheduled upon request.

Participants identified the following Action Items for RDCK Staff:

- Report on filter aid use and filter consumption at next meeting.
- Investigate if Smokey Creek currently being used as a source in winter.
- Proposed 2023 user fee increase; delay taxation increase until 2024, as presented.
- Report on results of the pilot testing for coagulation injection.



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**ROSEBERY PARKLANDS AND TRAILS COMMISSION
OPEN MEETING MINUTES**

**7:00 p.m. PST (8:00 p.m. MST)
Thursday, January 12, 2023
Webex**

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings remotely.

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m53e81e2ccc43a39facd245d797c1f2a8>

Join by Phone:

1-844-426-4405 Canada Toll Free
+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2770 578 1292

Meeting Password: Vee3J6spZD3

COMMISSION MEMBERS

Director W. Popoff	Electoral Area H
Director C. Ferguson	Village of Silverton
Commissioner R. Allin	Area H
Commissioner G. McRae	Area H
Commissioner S. Kipkie	Area H
Commissioner H. Hastings	Silverton
Commissioner C. Law	Village of New Denver
Commissioner M. Koolen	Slocan
Commissioner S. Johnson	Rosebery Parklands Society Rep.

MEMBERS ABSENT

Commissioner R. Reitmeier	Area H
Commissioner P. Schwartz	Area H
Director J. Lunn	Village of Slocan

STAFF

Jeff Phillips Regional Parks Operations Supervisor
Pearl Anderson Meeting Coordinator

7 out of 9 voting Commission members were present – quorum was met.

1. CALL TO ORDER

Director Popoff called the meeting to order at 7:07 p.m.

2. ELECTION OF CHAIR

CALL FOR NOMATIONS (3 Times)

Commissioner Law nominated Commissioner Hastings.

Commissioner Hastings accepted the nomination.

There being no further nominations, Director Popoff – Electoral Area H, ratified the appointed Commissioner Hastings as Chair of the Rosebery Parklands and Trails Commission for 2023.

3. REGULAR AGENDA RESUMED

Chair Hastings assumed the Chair.

4. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

5. ADOPTION OF AGENDA

MOVED and seconded,

AND Resolved:

That the Agenda for the January 12, 2023 Rosebery Parklands and Trails Commission meeting be adopted as circulated.

Carried

6. RECEIPT OF MINUTES

The November 3, 2022 Rosebery Parklands and Trails Commission minutes have been received.

COMMISSION MEMBER PRESENT: Commission Member R. Allin joined the meeting at 7:15 p.m.

7. DELEGATE

There are no delegates scheduled for this meeting.

8. APPOINTMENT OF DIRECTORS

The following commission members were re-appointed to the Rosebery and Trails Commission at the December 8, 2022 RDCK Board meeting:

Peter Schwartz (Area H)

Richard Allin (Area H)

Greg McRae (Area H)
Susan Johnson (Rosebery Parklands Development Society)

9. STAFF REPORTS

9.1 Work Completed in 2022 and Work to be Carried Over Into 2023

Jeff Phillips, Regional Parks Operations Supervisor, provided a verbal report regarding the work completed in 2022 as follows:

- Village of New Denver boardwalk completed
- Rosebery road fencing fixed and bollards in place
- Cable car work has been completed
- Trail capping is complete
- Removable bollards in place at Jacob Road

Jeff Phillips, Regional Parks Operations Supervisor, provided a verbal report on the work being carried forward to 2023 as follows:

- Wilson Creek bridge
- Rock slide engineering report
- Driftwood management
- Bigelow outhouse location
- Fire mitigation around golf course
- Archway
- Fuel management – faller and chipper

10. OLD BUSINESS

10.1 Preparation of Work Plan and Budget for 2023

The 2023 draft work plan and budget for Rosebery Parklands and Trails Commission prepared by Cary Gaynor, Regional Parks Manager, was presented by Jeff Phillips, Regional Parks Supervisor.

MOVED and seconded,
AND Resolved:

That the proposed 2023 draft work plan and budget for Rosebery Parklands and Trails Commission prepared by Cary Gaynor, Regional Parks Manager, and Jeff Phillips, Regional Parks Supervisor, has been received; and further

That Rosebery Parklands and Trails Commission members take the proposed 2023 draft work plan and budget for Rosebery Parklands and Trails to their respective Counsels for review.

Carried

11. PUBLIC TIME

The Chair called for questions from the public at 7:46 p.m.

12. 2023 ROSEBERY PARKLANDS AND TRAILS COMMISSION MEETINGS

To promote openness, transparency and provide accessibility to the public we will be required to provide the ability to attend all RDCK meetings in-person or remote (hybrid model). Meeting spaces must be accessible to the public.

Commission discussed the 2023 meeting schedule and selected dates and times as well suggest a possible location. If a suitable location cannot be determined, staff will assist in finding a location.

DATE	TIME A.M/P.M	HYBRID MEETING LOCATION
March 2, 2023	7:00 p.m.	
June 1, 2023	7:00 p.m.	
August 30, 2023	7:00 p.m.	
November 2, 2023	7:00 p.m.	

13. ADJOURNMENT

MOVED and seconded,
AND Resolved:

The Rosebery Parklands and Trails Commission meeting be adjourned at 7:55 p.m.

Carried

Digitally Approved

Hank Hastings, Chair



**REGIONAL DISTRICT OF CENTRAL KOOTENAY
SANCA PARK WATER COMMISSION
OPEN MEETING MINUTES**

**Friday January 13th, 2023
Remote Meeting**

COMMISSION MEMBERS

Garry Jackman	Director Area A
Peter Cartwright	Commissioner
Mike Thompson	Commissioner
Melissa Izon	Commissioner

ABSENT

John Vander Heide	Commissioner
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STAFF

Uli Wolf	General Manager Environmental Services
Alexandra Divlakovski	Water Operations Manager
Jason McDiarmid	Utility Services Manager
Marilyn Perrin	Meeting Coordinator

1. CALL TO ORDER

Acting Chair Peter Cartwright called meeting to order at 3:10pm

2. ADOPTION OF AGENDA

Moved and seconded,
And Resolved:

That the Sanca Park Water Commission agenda for the January 13, 2023 Budget meeting be adopted as circulated.

Carried

3. RECEIPT OF THE MINUTES

The September 12, 2022 AGM minutes have been received.

4. STAFF REPORTS

4.1 2023 Budget

Jason reported the user fees are up 2%, but the provincial parcel tax will remain the same.

We have 45,000 in reserves to remain in the event we have to install a treatment plant.

The \$250 petty cash fund will still remain the same until further notice.

4.2 Operations

Our quarterly sampling from November 16th showed a total coliform on 85.
We are flushing regularly.

4.3 North Properties

Peter Cartwright and Mike Thompson are going to follow up with the owner of the properties to the North in see if application has been made for his water license and his plans on staying or leaving the water system and to let us know as efforts to contact him to date have not been successful.

4.4 Commission Name Change

We are still a water commission, and changes to a committee have still not been decided on.

5. NEXT MEETING DATE

The 2023 Sanca Water Park Water Commission meeting is scheduled for August 24, 2023 at 3:00 p.m.

6. ADJOURNMENT

Moved and seconded,
And Resolved,

That the meeting adjourn at 3:50 p.m.

Carried

Approved by

Peter Cartwright, Acting Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**ELECTORAL AREA D ADVISORY PLANNING AND
HERITAGE COMMISSION
OPEN MEETING MINUTES**

Time: 7:00pm

Date: January 19, 2023

Location: Remote via Webex

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings remotely.

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m665dab972574ca7220b22ed114683064>

Join by Phone:

1-844-426-4405 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2770 145 3077

Meeting Password: E9XrBzK3iF9

COMMISSION MEMBERS

Commissioner K. Newmoon

Electoral Area D

Commissioner G. Devine

Electoral Area D

Commissioner D. Boros

Electoral Area D

Commissioner A. Hobden

Electoral Area D

MEMBERS ABSENT

Commissioner R. Longval

Electoral Area D

Commissioner S. Sinclair

Electoral Area D

STAFF

Sadie Chezenko

Planning Assistant

1. CALL TO ORDER

Planning Assistant Sadie Chezenko called the meeting to order at 7:05 p.m.

2. ELECTION OF CHAIR

Commissioner Hobden nominated Commissioner Devine

DECLARATION OF ELECTED OR ACCLAIMED CHAIR

Planning Assistant Sadie Chezenko ratifies the appointed Commissioner Devine as Chair of the Area D Advisory Planning and Heritage Commission for the remainder of their term.

3. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

4. ADOPTION OF AGENDA

MOVED and seconded,
AND Resolved:

The Agenda for the January 19, 2022 Electoral Area D Advisory Planning and Heritage Commission meeting, be adopted as circulated.

Carried

5. RECEIPT OF MINUTES

The October 31, 2022 Electoral Area D Advisory Planning and Heritage Commission minutes, have been received.

6. DELEGATE

5.1 No delegations

7. STAFF REPORTS - REFERRALS

6.1 R2246D – Stan Baker Trucking

Mines Referral Package dated December 14, 2022

The following was discussed:

- Commissioners described the application as a through, well thought out application
- Noted that the applicant has historically been conscientious
- Good local business providing local materials
- Possible issues with dust and noise – trucks going in and out
- General support for application
- No strong concerns
- Commissioners asked whether the nearby resident could be contacted
- Commissioners asked if any complaints had been registered for the site in the past
- Commissioners asked if applicant could be reached out to ask about historical conflicts and whether or not they had reached out to neighbours
- Noted a desire to create more dialogue

8. NEW BUSINESS

8.1 APHC Training

The RDCK will be providing training at a future meeting regarding the heritage aspect of the commission as well as a general overview of roles and responsibilities of commission members.

The following was discussed:

- Commissioner requested background information on APHCs
- Commissioner noted that Fraser Bonner was a possible heritage contact

9. PUBLIC TIME

No public present.

10. NEXT MEETING

The next Electoral Area D Advisory Planning and Heritage Commission meeting is scheduled for February 16, 2023.

11. ADJOURNMENT

MOVED and seconded,
AND Resolved:

The Electoral Area D Advisory Planning and Heritage Commission meeting be adjourned at 7:32 p.m.

Carried

Approved by
G. Devine, Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**Kaslo and Area D Economic Development
Commission S109
OPEN MEETING AGENDA**

1:00 p.m.

Monday, January 23, 2023

Village of Kaslo Council Chambers

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote.

Join by Video: <https://us02web.zoom.us/j/4857930110>

Join by Phone: +1 780 666 0144

Meeting Number: 485 793 0110

In-Person Location: Council Chambers – City Hall, 413 Fourth Street, Kaslo, BC

COMMISSION MEMBERS

Commissioner Hewat	Village of Kaslo
Commissioner Lang	Village of Kaslo
Commissioner Davie	Village of Kaslo
Commissioner Watson	Area D
Commissioner Brown	Area D
Commissioner Jones	Area D

MEMBERS ABSENT

STAFF

Stuart Horn	CAO, RDCK
Catherine Allaway	CO, Village of Kaslo

5 out of 8 voting Commission members were present – quorum was met.

GUESTS

Eric Burton	Factor 5
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1. CALL TO ORDER

CAO Horn called the meeting to order at 1:05 p.m.

2. ELECTION OF CHAIR

Commissioner Watson nominated Commissioner Brown.

No other nominations were received.

Commissioner Brown was elected by acclamation.

DECLARATION OF CHAIR

CAO Horn ratified the appointment of Commissioner Brown as Chair of the Kaslo and Area Economic Development Commission S109 Committee for 2023.

CAO Horn left the meeting at 1:06 p.m.

3. CHAIR'S ADDRESS

Chair Brown called the meeting to order at 1:07 p.m.

4. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

5. ADOPTION OF AGENDA

MOVED and seconded,

AND Resolved:

The Agenda for the January 23, 2023, Kaslo & Area D Economic Development Commission S109 meeting, be adopted as circulated.

Carried

6. RECEIPT OF MINUTES

The 2022.08.08 Kaslo & Area D Economic Development Commission S109 minutes have been received.

7. DELEGATE - Nil

8. STAFF REPORTS - Nil

9. NEW BUSINESS

9.1 Imagine Kootenay

The Imagine Kootenay Steering Committee minutes dated January 9, 2023, have been received.

Eric Burton will provide commissioners with a copy of the policy guidance for the First Point of Contact.

Moved and seconded,

AND Resolved:

THAT Eric Burton contact the Chamber of Commerce to explore their interest in taking on the role of First Point of Contact for Imagine Kootenay.

Carried

9.2 Grid Resilience Project

The Grid Resilience Pilot Program Report and the Household/Business Power Needs Survey Report from the Lardeau Valley Opportunity LINKS Society, re: Power Stability Project, have been received.

9.3 2023 Meeting Schedule

Moved and seconded,
AND Resolved:

THAT the 2023 meeting schedule be amended and approved as follows:

February 13
April 3
June 12
August 14
October 16
December 11

Carried

9.4 Strategic Planning for 2023

Eric Burton led commissioners through an exercise to identify priorities for 2023.

Eric Burton left the meeting at 2:45 p.m.

10. PUBLIC TIME

The Chair called for questions from the public at 2:45 p.m. No questions were received.

11. NEXT MEETING

The next Kaslo & Area D Economic Development Commission S109 meeting is scheduled for Monday, February 13, 2023, at 1:00 p.m.

12. ADJOURNMENT

MOVED and seconded,
AND Resolved:

The Kaslo & Area D Economic Development Commission S109 meeting be adjourned at 2:49 p.m.

Carried

Approved by

Matthew Brown, Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

NORTH KOOTENAY LAKE SERVICES COMMITTEE OPEN MEETING MINUTES

Date: Monday, January 23, 2023

Time: 10:00am

Location: Hybrid Model - In-person and Remote

Committee Members

Director Suzan Hewat

Village of Kaslo – Chair

Director Aimee Watson

Area D

Staff

Ian Dunlop

Chief Administrative Officer – Village of Kaslo

Stuart Horn

Chief Administrative Officer – RDCK

Yev Malloff

Chief Financial Officer - RDCK

Uli Wolf

General Manager of Environmental Services

Joe Chirico

General Manager of Community Services

Cary Gaynor

Regional Parks Manager

Nora Hannon

Regional Fire Chief

Tristan Fehst

Regional Deputy Fire Chief

Christine Hopkyns

Meeting Coordinator

1. WEBEX REMOTE MEETING INFO

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m62c1f683e0e1bc87bd76974bcb47588d>

Join by Phone:

1-844-426-4405 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2774 947 6373

Meeting Password: dcCC2HXqC27

In-Person Location: Village of Kaslo Council Chambers, 413 4th St, Kaslo, BC

2. CALL TO ORDER

RDCK Chief Administrative Officer, Stuart Horn called the meeting to order at 10:00 a.m.

3. ELECTION

3.1 ELECTION OF CHAIR

CALL FOR NOMINATIONS (3 Times)

RDCK Chief Administrative Officer, Stuart Horn, called for nominations.

Director Watson nominated Director Hewat.

RDCK Chief Administrative Officer, Stuart Horn, called for further nominations two times.

DECLARATION OF CHAIR

RDCK Chief Administrative Officer, Stuart Horn ratifies the appointed Director Hewat as Chair of the North Kootenay Lake Services Committee for 2023.

4. CHAIR'S ADDRESS

Chair Hewat thanked the Committee for their support.

5. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

6. COMMENCEMENT OF REGULAR NORTH KOOTENAY LAKE SERVICES COMMITTEE MEETING

The North Kootenay Lake Services Committee Chair assumes the chair.

6.1 ADOPTION OF AGENDA

RECOMMENDATION:

MOVED and seconded,

AND Resolved:

The Agenda for the January 23, 2023 North Kootenay Lake Services Committee meeting, be adopted as circulated.

Carried

6.2 RECEIPT OF MINUTES

The December 7, 2022 North Kootenay Lake Services Committee minutes, with the inclusion to:

- **Item 7.1 - \$194 – Kaslo & Area D Library Service**, include the budget dollar amount of *\$118,100.00* to the resolution;
- **Item 7.9 - Community Works Funds and Community Development commitments to Kaslo from Area D**, include the budget dollar amounts *Community Works Funds - \$40,000 Library and \$50,000 Housing; Community Development - Cemetery \$2,500;*

has been received.

7. DELEGATE

Kaslo & District Public Library -Eva Kelemen, Library Director and Anne Heard, President

Eva Kelemen provided an overview to the Committee regarding the 2023 -2027 operating budget for the library. She shared several factors that made budgeting more complicated, such as inflation, service area population increase, fair wages review, operational changes (staffing), and a one-time Provincial COVID relief & recovery grant. Eva also reviewed the new library project progress report.

Kaslo Search & Rescue - Glen Skobalski, Vice-President

Glen Skobalski provided an overview to the Committee regarding the Kaslo Search and Rescue membership, call outs and the 2023 proposed budget.

8. OLD BUSINESS

8.1 Glacier Creek Park Commission & Recreation Commission #2 – Membership

At the December 7, 2022 North Kootenay Lake Services Committee meeting, staff were directed to research the bylaw regarding pausing Commissions and update the Committee at the January 23, 2023 North Kootenay Lake Service Committee meeting.

Joe Chirico, General Manager of Community Services answered the Committees questions regarding pausing the Commissions. The Committee had a discussion and agreed to continue to actively advertise for membership for Glacier Creek Park Commission and not to advertise for Recreation Commission #2.

8.2 MacDonald Creek Weir/Infrastructure

The Committee requests an update on the MacDonald Creek weir and reservoir regarding responsibility and ownership.

Uli Wolf, General Manager of Environmental Services and Ian Dunlop, Village of Kaslo CAO, updated the Committee on the MacDonald Creek weir and reservoir. The Village of Kaslo has ownership and responsibility for the reservoir and the RDCK has ownership and responsibility for the weir. The Committee discussed liability. Ian shared that an engineer is looking into if the weir and the reservoir are connected.

9. NEW BUSINESS

9.1 Budget Discussion

9.1.1 S194 – Kaslo & Area D Library Service

The 2023 S194 – Kaslo & Area D Library Service budget request has been received.

At the December 12, 2022 North Kootenay Lake Services Committee meeting, the Committee passed the following resolution:

THAT the North Kootenay Lake Services Committee accept the proposed budget for S194 – Kaslo & Area D Library Service proposed budget for \$118,100.00 in the draft 2023 budget.

9.1.2 S150 – Jaws of Life (Kaslo Search & Rescue)

The 2023 S150 Jaws of Life (Road Rescue) budget request has been received.

At the December 12, 2022 North Kootenay Lake Services Committee meeting, the Committee passed the following resolution:

THAT the North Kootenay Lake Services Committee accept the proposed budget for S150 – Jaws of Life (Kaslo Search & Rescue) for \$27,000.00 in the draft 2023 budget.

9.1.3 S 221 - Regional Facilities, Recreation and Park Service

The S 221 - Regional Facilities, Recreation and Park Service budget request has been received.

The Grant Correspondences from Argenta Community, Johnsons Landing Community Association, Kaslo & District Arena, Kaslo Curling Club and Lardeau Valley Community Club, has been received.

MOVED and seconded,
AND Resolved:

THAT the North Kootenay Lake Services Committee accept all the grants in proposed budget for S221 - Regional Facilities, Recreation and Park Service for \$162,941.00 in the draft 2023 budget.

Carried

DIRECTION TO STAFF: That staff bring the S221 - Regional Facilities, Recreation and Park Service proposed budget for 2023 back to the February 6, 2023 meeting for further consideration.

9.1.4 S 280 - Fire Service

Nora Hannon, Regional Fire Chief will provide a verbal presentation.

MOVED and seconded,
AND Resolved:

THAT the North Kootenay Lake Services Committee accept the proposed budget for S 280 - Fire Service for \$449,911.24 in the draft 2023 budget.

Carried

9.2 2023 Public Budget Presentations

The Kaslo & Area D public budget meeting will be held on February 22, 2023 at 6:00 p.m.

10. PUBLIC TIME

The Chair will call for questions from the public at 12:18 p.m.
No public or media.

11. NEXT MEETING

The next North Kootenay Lake Services Committee meeting is scheduled for February 6, 2023.

12. ADJOURNMENT

RECOMMENDATION:

MOVED and seconded,
AND Resolved:

The North Kootenay Lake Services Committee meeting be adjourned 12:18 p.m.

Carried

Digitally approved by

Suzan Hewat, Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**NORTH KOOTENAY LAKE SERVICES COMMITTEE
OPEN MEETING MINUTES**

MONDAY, December 12, 2022

10:00am

Webex Meeting

Committee Members

Director Suzan Hewat

Director Aimee Watson

Village of Kaslo – Chair

Area D

Staff

Ian Dunlop

Stuart Horn

Joe Chirico

Cary Gaynor

Nora Hannon

Tristan Fehst

Chief Administrative Officer – Village of Kaslo

Chief Administrative Officer – RDCK

General Manager of Community Services

Regional Parks Manager

Regional Fire Chief

Christine Hopkyns

Recording Secretary/Corporate Administration Coordinator

1. CALL TO ORDER

Chair Hewat called the meeting to order at 10:02 a.m.

2. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

3. ADOPTION OF AGENDA

MOVED and seconded,
AND Resolved:

The Agenda for the December 12, 2022 North Kootenay Lake Services Committee meeting be adopted with the removal of Item 5 – Delegation Eva Kelemen – Library Director, Kaslo & District Public Library before circulation.

Carried

4. RECEIPT OF MINUTES

The February 7, 2022 North Kootenay Lake Services Committee minutes, has been received.

5. DELEGATE

No delegations.

6. OLD BUSINESS

No items.

7. NEW BUSINESS

7.1 Budget Discussion

7.1.1 S194 – Kaslo & Area D Library Service

MOVED and seconded,
AND Resolved:

THAT the S194 – Kaslo & Area D Library Service proposed budget for \$118,100.00 be accepted in the 2023 draft budget for further consideration at the January 23, 2023 North Kootenay Lake Services Committee meeting.

Carried

7.1.2 S150 – Jaws of Life (Kaslo Search & Rescue)

MOVED and seconded,
AND Resolved:

THAT the North Kootenay Lake Services Committee accept the proposed budget for S150 – Jaws of Life (Kaslo Search & Rescue) for \$27,000.00 in the draft 2023 budget.

Carried

Staff will provide an update on the S150– Jaws of Life (Kaslo Search & Rescue) bylaw at the January 23, 2023 North Kootenay Lake Service Committee meeting.

7.1.3 S 221 - Regional Facilities, Recreation and Park Service

Joe Chirico, General Manager of Community Services, reviewed with the Committee the proposed budget S 221 - Regional Facilities, Recreation and Park Service.

MOVED and seconded,
AND Resolved:

That item S 221 - Regional Facilities, Recreation and Park Service BE REFERRED to the January 23, 2023 North Kootenay Lake Services Committee meeting with the budget included as a package.

Carried

7.2 Recreation Commission #2

The Committee discussed Recreation Commission # 2 not being active for years. The Committee discussed keeping the Commission dormant or discontinuing the Commission.

Staff will research the bylaw regarding pausing Commissions and update the Committee at the January 23, 2023 North Kootenay Lake Service Committee meeting.

7.3 Glacier Creek Park Commission – Membership

The Committee discussed keeping the Glacier Creek Park Commission dormant or discontinuing the Commission.

Staff will research the bylaw regarding pausing Commissions and update the Committee at the January 23, 2023 North Kootenay Lake Service Committee meeting.

7.4 MacDonald Creek Weir

The Committee had a discussion regarding the MacDonald Creek Weir. The Village of Kaslo staff will work with the RDCK staff regarding liability and the weir.

7.5 Fire Inspections

The Committee had a discussion regarding the RDCK Deputy Fire Chief conducting the fire inspections in the area. The Committee agreed the importance of ensuring fire bylaws for Village of Kaslo and Area D are aligned in order to better support the community.

7.6 Museum Service

Director Watson discussed museum services and inquired if the Village of Kaslo would be interested in creating a joint service to provide core funding for museum services in 2024. The Committee had a discussion.

7.7 Planning matters

Director Watson provide background regarding Community Planning conversations she started in 2021. She discussed wanting to ensure that the Village of Kaslo is included in the planning discussions for the communities that are buffering Kaslo. The Committee agreed creating a more formal coordinated approach between the Village and Area D would benefit the community.

7.8 Transit

Director Watson highlighted the opportunity for the Committee to have sub-regional discussions regarding active transportation in the Village of Kaslo & Area D. This gives the Committee the opportunity to bring transit concerns forward.

7.9 Community Works Funds and Community Development commitments to Kaslo from Area D.

The Committee discussed Area D's commitments to Kaslo regarding Community Works Funding grant for the Kaslo & District Public Library and Housing; and the Community Development grant for the Kaslo Cemetery:

Community Works Funds - \$40,000 Library and \$50,000 Housing;
Community Development - Cemetery \$2,500.

7.10 2023 Meeting schedule

That the 2023 North Kootenay Lake Services Committee meeting dates be set as follows:

January 23, 2023;
February 6, 2023;
August 21, 2023;
October 23, 2023;
December 4, 2023.

8. PUBLIC TIME

The Chair will call for questions from the public at 11:39 a.m.

9. NEXT MEETING

The next North Kootenay Lake Services Committee meeting January 23, 2023.

10. ADJOURNMENT

MOVED and seconded,
AND Resolved:

The North Kootenay Lake Services Committee meeting be adjourned 11:44 a.m.

Carried

Chair Hewat



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**WOODBURY VILLAGE WATER SYSTEM COMMUNITY
ADVISORY COMMITTEE
DISCUSSION NOTES**

Time: 9:00 am PST / 10:00 am MST
Date: Wednesday, January 25, 2023
Location: Hybrid Model

Attending in Person:

Name of Facility: RDCK Office
Address of Facility: 202 Lakeside Drive, Nelson, BC

Attending Remote:

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=mf0792f454ac6ca9603537a0e3cdb6680>

Join by Phone:

1-844-426-4405 Canada Toll Free
+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2772 489 7516

Meeting Password: 2aJm3mp2tzQ

COMMITTEE MEMBERS

Director A. Watson, Electoral Area D	In-Person
Commissioner A. Hobden	In-Person
Commissioner R. Nellis	In-Person
Commissioner B. Gilmore	In-Person
Commissioner K. Chambers	Remote

STAFF

U. Wolf	General Manager of Environmental Services
A. Divlakovski	Water Operations Manager
E. Senyk	Water Services Liaison
S. Eckman	Meeting Coordinator

1. WELCOME AND INTRODUCTIONS

2. STAFF REPORTS: OPERATION AND MAINTENANCE UPDATE

- Temporary service to one customer, disconnected upper village road water main
- Mainline construction upper village road, some trouble shooting of reservoir/pump control issues
- One significant water main leak located and repaired at the end of village road
- Annual flushing and valve exercising

3. NEW BUSINESS: STAFF VERBAL REPORTS

- a. Watershed Protection Plan
 - Staff updated the Committee regarding the reasons for developing a watershed protection plan and the regulatory requirements that it is intended to satisfy.
 - Staff to confirm if Licence of Occupation (LoO) has been amended or reissued as a new LoO.
- b. Line relocation update
 - Final ‘as-constructed’ drawings and Statutory Right of Way execution to be completed in 2023.
- c. Current state of capital upgrades
 - Final stages of Interior Health review and Construction Permit should be issued shortly for water treatment plant upgrades.

4. 2023-2027 FINANCIAL PLAN PRESENTATION AND CAPITAL PROJECTS

The 2023 to 2027 Financial Plan for Service S259 Water Utility-Area D (Woodbury Village), has been received.

5. NEXT ASSEMBLY

The next assembly of the Woodbury Village Water System Community Advisory Committee will be scheduled upon request.



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**BALFOUR WATER SYSTEM COMMUNITY ADVISORY
COMMITTEE
DISCUSSION NOTES**

Time: 9:00 am PST / 10:00 am MST
Date: Thursday, January 26, 2023
Location: Hybrid Model

Attending in Person:

Name of Facility: RDCK Office
Address of Facility: 202 Lakeside Drive, Nelson, BC

Attending Remote:

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=macf0ef75d739c8fdd3bbe4841dba057b>

Join by Phone:

1-844-426-4405 Canada Toll Free
+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2773 290 4605

Meeting Password: ypP9amEcb55

COMMITTEE MEMBERS

Director C. Graham, Electoral Area E	Remote
Commissioner B. Gray	In-Person
Commissioner R. Van Housen	Remote

ABSENT MEMBERS

Commissioner B. Kinnear

STAFF

U. Wolf	General Manager of Environmental Services	In-Person
A. Divlakovski	Water Operations Manager	In-Person
E. Senyk	Water Services Liaison	In-Person
S. Eckman	Meeting Coordinator	In-Person

1. WELCOME AND INTRODUCTIONS

2. STAFF REPORTS: OPERATION AND MAINTENANCE UPDATE

- Main line extension and new customer connection on Beach Street
- Main line extension up Queens Bay road and connection to the Queens Bay Resort
- Sumac Phase two mainline and connection
- Change process to use treated water to backwash media filters as per EHO requirement
- New service connection to subdivided lot on Upper Balfour road
- Two new service lines installed under Upper Balfour road, one to re-service existing property and one new service
- Purchase and install new batch tank and spill containment for the pump house chlorine injection
- Annual flushing and valve exercising

3. 2023-2027 FINANCIAL PLAN PRESENTATION AND CAPITAL PROJECTS

The 2023 to 2027 Financial Plan for Service S255 Water Utility-Area E (Balfour), has been received.

4. NEXT ASSEMBLY

The next assembly of the Balfour Water System Community Advisory Committee will be scheduled upon request.

Members identified the following Action Items for RDCK Staff:

- Eileen to reach out to the group to gather input regarding the source protection plan.

Regional District of Central Kootenay

V-D2

Version - P1: O&M and Capital provided by Alex.
 P2: Admin and balancing by Jason
 P3: Ull Reviewed and adjusted to Nov. statement for O&M
 P4: Reviewed by Jason. Issued for Planner Preliminary Budgets
 D1: Updated benefits calculation by Alex
 D2: Year end Q4 water billing added, revised capital infrastructure charges, updated rates and loans due to lower consumption revenue, budget balanced and issued for WSC reporting by Jason.

S255 Water Utility-Area E (Balfour) 2023 to 2027 Financial Plan

SYSTEM INFORMATION AND RATES

	No.	2022	2023	2024	2025	2026	2027
Regional District Owned Non-Revenue Meters	3						
2020 Metered Accounts	265						
Service Charge Revenue Required % Increase		6.0%	8.0%	3.5%	3.5%	3.5%	20.0%
- 3/4" Meter Base Charge (quarterly)	255	145	156.60	162.08	167.75	173.63	208.35
- 1" Meter Base Charge (quarterly)	1	180	194.40	201.20	208.25	215.53	258.64
- 1 1/2" Meter Base Charge (quarterly)	1	226	244.08	252.62	261.46	270.62	324.74
- 2" Meter Base Charge (quarterly)	2	282	304.56	315.22	326.25	337.67	405.21
- First Block Up to 100 cubic meters		1.16	1.25	1.29	1.34	1.38	1.66
- Second Block Over 100 cubic meters		1.73	1.87	1.94	2.01	2.08	2.49
- Unmetered Building Construction		809	873.48	904.05	935.70	968.45	1,162.13
Parcel Tax % Increase		0.0%	0%	0%	25%	0%	0%
Parcel Tax	286	351	351	351	439	439	439

Potential Development Revenue

	No.	2022	2023	2024	2025	2026	2027
Sumac Phase II Info							
Additional Number of Parcels		17					
Total New Accounts Following Building			4	12	17	17	17
Capital Infrastructure Charge Rate Per Parcel	3,000						
Potential Consumption Per Lot Per Year (m3)	400						
Queens Bay Resort Info							
Additional Number of Units		26	32		38		
Capital Infrastructure Charge Rate Per Additional Unit	1,500						
Potential Number Active Units Using Water			58	58	96	96	96
Potential Capital Reserve Fund Contribution Rate			175	263	329	329	329
Potential Consumption Per Unit Per Year (m3)	100						
Potential Sumac II Revenue							
Capital Infrastructure Charges		51,000					
Parcel Tax			0	5,967	7,458	7,458	7,458
Meter Based Charges			2,506	7,780	11,407	11,807	14,168
Volumetric Charge			1,997	6,199	9,090	9,408	11,289
Total Parcel Tax & User Fees			4,502	19,946	27,955	28,673	32,915
Potential Queens Bay Resort Revenue							
Capital Infrastructure Charges		39,000	48,000		57,000		
Potential Capital Reserve Fund Contribution			10,178	15,268	31,588	31,588	31,588
Meter Based Charge			1,218	1,261	1,305	1,351	1,621
Volumetric Charge			10,856	11,236	19,249	19,922	23,907
Total User Fees			22,253	27,765	52,142	52,861	57,116
Total cost per resort owner			384	479	543	551	595

Average cost for existing water users, including parcel tax

	2023	2024	2025	2026	2027
	1,323	1,357	1,480	1,517	1,732

REVENUE

Account	2019	2020	2021	Average	2022 Budget	2022 YTD Actual	2022 Est Year End	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
41010 Requisitions												
41015 Parcel Taxes	89,516	89,194	97,227	91,979	100,380	100,386	100,386	100,380	100,380	125,475	125,475	125,475
41015 - Parcel Taxes Sumac Phase II								0	5,967	7,458	7,458	7,458
42020 Sale of Services	2,624	11,655	5,979	6,753	0	10,471	23,652	0	0	0	0	0
42025 Sale of Services - Specified		18,000	7,500	12,750	138,000	106,180	93,000	48,000	0	57,000	0	0
42030 User Fees	198,820	217,689	240,647	219,052	273,782	190,539	238,539	257,622	266,638	275,971	285,630	342,756
42030 - Sumac Phase II								4,502	13,979	20,497	21,214	25,457
42030 - Queens Bay Resort								22,253	27,765	52,142	52,861	57,116
42040 Rental Income	5,099	5,099	5,201	5,133	5,305	4,421	5,305	5,411	5,519	5,630	5,742	5,857
43020 Grants	0	0	0	0								
43025 Grants - Specified	578,066	60,903		319,485								
43030 Community Works Grant	0	0	0	0	110,000	0	87,069					
43100 Proceeds from Borrowing	0	577,490		288,745						100,000		
43505 External Contributions & Contracts - Specified		16,435		16,435								
45000 Transfer from Reserves	46,455	145,799	5,116	65,790	30,000	0	0	200,000	500,000	300,000	0	500,000
45500 Transfer from Other Service	671	379	1,024	691	1,085	1,190	1,340	1,447	1,448	1,449	1,450	1,451
49100 Prior Year Surplus	(700,064)	(725,744)	73,291	(450,839)	49,578	43,124	43,124	(93,202)	(0)	0	0	(0)
Revenue	221,186	416,898	435,985	575,973	708,130	456,311	592,414	546,413	921,696	945,622	499,832	1,065,570

OPERATING EXPENSES

Account	2019	2020	2021	Average	2022 Budget	2022 YTD Actual	2022 Est Year End	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
51010 Salaries	36,322	32,405	33,237	33,988	34,567	32,315	35,253	36,804	37,540	38,291	39,057	39,838
51010 - leak detection							0	2,000				
51010 - CAP support							0	2,000				
51020 Overtime	2,622	2,630	1,091	2,114	4,328	585	638	2,207	2,251	2,296	2,342	2,389
51030 Benefits	5,508	5,658	5,508	5,558	10,024	5,817	6,346	9,569	9,760	9,956	10,155	10,358
51030 - leak detection							0	520				
51030 - CAP support							0	520				
51050 Employee Health & Safety	0	0	254	85	300	16	17	312	318	325	331	338
51500 Directors - Allowance & Stipend					0	483	527	550	561	572	584	595
52010 Travel	0	0	0	0	53	0	0	55	56	57	58	60
52030 Memberships, Dues & Subscriptions					0	400	436	454	463	472	482	491
53020 Admin, Office Supplies & Postage	954	68	98	373	200	71	77	208	212	216	221	225
53030 Communication	1,556	1,373	1,563	1,497	1,699	1,740	1,898	1,974	2,014	2,054	2,095	2,137
53040 Advertising		2,362				0	0	0	0	0	0	0
53050 Insurance	2,196	290	3,463	1,983	3,602	3,293	3,592	3,746	3,821	3,897	3,975	4,055
53080 Licence & Permits	725	0	1,048	591	1,090	451	492	1,134	1,156	1,179	1,203	1,227
54020 Professional Fees / Audit - Professional Fees	20	18,058		9,039			0	0	0	0	0	0
54020 - Asbestos Pipe Testing		6,975					0	0	0	0	0	0
54030 Contracted Services	13,827	7,079	14,689	11,865	11,000	26,245	28,631	11,440	11,669	11,902	12,140	12,383
54030 - Invasive Plant Management							0	1,070				
54040 Consulting Fees		981					0	0	0	0	0	0
55010 Repairs & Maintenance	28,944	17,984	11,995	19,641	4,328	23,864	26,033	4,501	4,591	4,683	4,777	4,872
55020 Operating Supplies	14,946	49	10,530	8,509	8,486	8,063	8,796	9,148	9,331	9,517	9,708	9,902
55025 Chemicals	4,852	141	4,062	3,019	6,529	5,715	6,235	6,790	6,926	7,064	7,206	7,350
55030 Equipment	884		31	458	1,082	39	43	1,125	1,148	1,171	1,194	1,218
55040 Utilities	19,361		18,778	19,070	19,000	15,317	16,709	19,760	20,155	20,558	20,969	21,389
55050 Vehicles	0			0			0	0	0	0	0	0
55060 Rentals	384			384	0	374	408	424	433	441	450	459
Operating Expenses	133,100	96,053	106,349	118,173	106,288	124,788	136,132	116,311	112,405	114,654	116,947	119,286

CAPITAL EXPENSES

Account	2019	2020	2021	Average	2022 Budget	2022 YTD Actual	2022 Est Year End	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
60000 CAP1074-100 BAL W-2021-Water Line Replacements					110,000	82,193	82,193					
60000 CAP1075-100 BAL W - 2023 Distribution Upgrades - PN24__Draft-V1_Wharf Rd												500,000
60000 CAP1076-100 BAL W-2024-Water Line Replacements												0
60000 CAP1200-100 BAL W - 2025 Distribution Upgrades (Hwy 3A)								200,000	500,000	400,000		
60000 CAP996-100 BAL W - Distribution System Upgrade (2020/21)					0	0	0					
60000 CAP997-100 BAL W - Watershed Protection Plan (2022)					30,000	0	0	0				
Capital Expenses	0	0	0	0	140,000	82,193	82,193	200,000	500,000	400,000	0	500,000

NON-OPERATING EXPENSES

Account	2019	2020	2021	Average	2022 Budget	2022 YTD Actual	2022 Est Year End	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
56010 Debenture Interest (MFA152 - Renew 2031)	4,377	0	3,996	2,791	5,308	2,654	5,308	5,308	5,308	0	5,308	5,308
56020 Debenture Principal (MFA152 - Renew 2031)	63,470	0	18,800	27,423	18,800	0	18,800	18,800	18,800	18,800	18,800	18,800
56110 Short-Term Financing Interest		2,138	803	1,471	300	206	400	0	0	0	4,000	3,261
56120 Short-Term Financing Principal		31,471	47,471	39,471	47,471	0	47,471	0	0	0	18,463	19,201
59000 Contribution to Reserve	65,971	37,015	80,124	61,037	288,671	288,671	288,671	86,348	173,066	240,837	219,725	280,820
59000 - QBR CIC Fees								9,000	0	57,000	0	0
59500 Transfer to Other Service	64,487	23,747	13,987	34,074	18,037	283	23,386	24,061	23,800	24,248	24,705	



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**GRANDVIEW PROPERTIES WATER SYSTEM COMMUNITY
ADVISORY COMMITTEE
DISCUSSION NOTES**

Time: 9:00 am PST / 10:00 am MST
Date: Friday, January 27, 2023
Location: Hybrid Model

Attending in Person:

Name of Facility: RDCK Office
Address of Facility: 202 Lakeside Drive, Nelson, BC

Attending Remote:

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=me1bd0256c15f86b7997e383439eaf723>

Join by Phone:

1-844-426-4405 Canada Toll Free
+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2774 585 1334

Meeting Password: dZ3pDrkMd32

COMMITTEE MEMBERS

Director G. Graham, Electoral Area E	Remote
Commissioner M. Orton	In-person
Commissioner J. Swetlikoe	Remote
Commissioner R. Cooke	Remote

STAFF

U. Wolf	General Manager of Environmental Services	Remote
A. Divlakovski	Water Operations Manager	In-person
E. Senyk	Water Services Liaison	In-person
S. Eckman	Meeting Coordinator	Remote

1. WELCOME AND INTRODUCTIONS

2. STAFF REPORTS: OPERATION AND MAINTENANCE UPDATE

- One upper zone booster motor failure due to start capacitors, replacements ordered and installed
- Two meters and pits installed
- Upper zone PRV rebuild kits purchased but not yet installed, waiting for new booster station and upper zone shutdown to install
- One UV power supply failed and replaced
- Annual flushing and valve exercising

3. 2023-2027 FINANCIAL PLAN PRESENTATION AND CAPITAL PROJECTS

The 2023 to 2027 Financial Plan for Service S258 Water Utility-Area E (Grandview Properties), has been received.

4. NEXT ASSEMBLY

The next assembly of the Grandview Properties Water System Community Advisory Committee will be scheduled upon request.

Members identified the following Action Items for RDCK Staff:

- Staff to distribute planned 2023 rate increase over three years
- Undeveloped Parcel charge to remain in-line with Base and Metered rates

Regional District of Central Kootenay
S258 Water Utility-Area E (Grandview)
2023 to 2027 Financial Plan

SYSTEM INFORMATION AND RATES

	2023	2024	2025	2026	2027
Active Accounts					
Undeveloped Parcels % Increase	10.0%	10%	10%	3%	3%
GRA-UNDEVELOPED PARCEL	693	763	839	864	890
GRA-UNMETERED BUILDING CONSTRUCTION	1,253	1,378	1,516	1,561	1,608
Metered Based Charge % Increase	10.0%	10%	10%	3%	3%
M-GRA-RESIDENTIAL BASE CHARGE	693	763	839	864	890
Consumption Service Charges % Increase	10.0%	10%	10%	3%	3%
M-GRA-RESIDENTIAL CONSUMPTION					
First Block per m3 (Up to 50 m3)	1.21	1.33	1.46	1.50	1.55
Second Block per m3 (Over 50 m3)	3.02	3.32	3.65	3.76	3.87
Assumed Consumption per New Customer (m3)					
Assumed User fees from new development - Consumption Based		3,835	8,438	13,677	14,087
Assumed User fees from new development - Undeveloped Parcels	8,319	6,100	3,355		
Parcels Assessed Parcel Tax					
Parcel Tax % Increase	19%	0%	0%	0%	0%
Parcel Tax	220	220	220	220	220
Total					
	19,410	21,351	23,486	24,191	24,917
	5,011	5,512	6,064	6,246	6,433
	34,099	37,509	41,259	42,497	43,772

REVENUE

Account	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
41010 Requisitions					
41015 Parcel Taxes	17,160	17,160	17,160	17,160	17,160
42010 Sale of Goods					
42020 Sale of Services					
42025 Sale of Services - Specified					
42030 User Fees	58,520	64,372	70,809	72,934	75,122
42030 - Assumed New User Fees from Development	8,319	9,936	11,793	13,677	14,087
43030 Community Works Grant					
45000 Transfer from Reserves	22,828	0	0	0	0
49100 Prior Year Surplus	(15,625)	(0)	(0)	(0)	(0)
Revenue	91,202	91,468	99,762	103,770	106,368
	4.4%				
	4%	2%	2%	2%	2%

OPERATING EXPENSES

Account	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
51010 Salaries	11,838	12,075	12,316	12,562	12,814
51010 - leak detection	0				
51020 Overtime	657	670	684	697	711
51030 Benefits	3,078	3,139	3,202	3,266	3,332
51030 - leak detection	0				
51050 Employee Health & Safety	45	46	47	47	48
51500 Directors - Allowance & Stipend	548	559	570	582	593
52030 Memberships, Dues & Subscriptions	227	231	236	241	246
53020 Admin, Office Supplies & Postage	5	5	5	5	5
53030 Communication	1,144	1,167	1,190	1,214	1,238
53050 Insurance	1,804	1,840	1,877	1,914	1,953
53080 Licence & Permits	203	207	211	216	220
54010 Legal					
54030 Contracted Services	2,676	2,729	2,784	2,840	2,897
- Invasive Plant Management	1,070				
55010 Repairs & Maintenance	8,000	8,160	8,323	8,490	8,659
55020 Operating Supplies	1,000	1,020	1,040	1,061	1,082
55025 Chemicals	596	608	620	632	645
55030 Equipment	0	0	0	0	0
55040 Utilities	5,298	5,404	5,512	5,623	5,735
55060 Rentals	0	0	0	0	0
Operating Expenses	38,189	37,861	38,619	39,391	40,179

CAPITAL EXPENSES

Account	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
60000 CAP1004-100 Lake Pump Replacement					
60000 CAP1309-100 PRV upgrade cost share		12,000			
Capital Expenses	12,000	0	0	0	0

NON-OPERATING EXPENSES

Account	2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
59000 Contribution to Reserve	0	11,773	18,473	20,856	21,795
59500 Transfer to Other Service	8,051	8,212	8,376	8,543	8,714
59510 Transfer to Other Service - General Admin. Fee	5,758	5,873	5,990	6,110	6,232
59520 Transfer to Other Service - IT Fee	5,002	5,102	5,204	5,309	5,415
59550 Transfer to Other Service - Environmental Services Fee	22,203	22,647	23,100	23,562	24,033
Non-Operating Expenses	41,013	53,607	61,143	64,380	66,189

Total Service	(0)	(0)	(0)	(0)	0
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59500 TRANSFER TO OTHER SERVICE

Account	Work Order		2023 Budget	2024 Budget	2025 Budget	2026 Budget	2027 Budget
59500	OPR317-100	Grandview Water Utility-Distribution - General					
59500	OPR317-112	Grandview Water Utility-Transfer to other Service - Fleet	2,600	2,652	2,705	2,759	2,814
59500	OPR317-113	Grandview Water Utility-Transfer to other Service - WaterSmart Program					
59500	OPR317-117	Grandview Water Utility-Transfer to other Service - Operator Admin	5,451	5,560	5,671	5,784	5,900
Total Transfer to Other Service			8,051	8,212	8,376	8,543	8,714

RESERVES

	2023	2024	2025	2026	2027
Balance Previous Year	77,010	54,952	67,274	86,420	108,140
Interest (Assumed 1%)	770	550	673	864	1,081
Contribution	0	11,773	18,473	20,856	21,795
Withdrawal	(22,828)	0	0	0	0
	54,952	67,274	86,420	108,140	131,017

2021 Asset Management Plan Identified Contribution to Reserves

	2023	2024	2025	2026	2027
25 Year					
100 Year					



**Regional District of Central Kootenay
CRESTON VALLEY SERVICES COMMITTEE
Open Meeting Minutes**

Thursday, February 2, 2023

9:00 a.m.

Hybrid Model – In-person and Remote

Creston & District Community Complex – Creston Erickson Room

312 19th Avenue North, Creston, BC

COMMITTEE MEMBERS PRESENT

Mayor Arnold DeBoon

Director G. Jackman

Director R. Tierney

Director K. Vandenberghe

Town of Creston – In-person

Electoral Area A – In-person

Electoral Area B – In-person

Electoral Area C – In-person

STAFF PRESENT

S. Horn

M. Moore

J. Chirico

C. Stanley

M. Benson

C. Gaynor

M. Crowe

J. Jackson

J. Rafuse

Chief Administrative Officer – RDCK

Chief Administrative Officer – Creston

General Manager of Community Services

Manager of Recreation - Creston and District
Community Complex

Regional Manager – Recreation and Client Services - RDCK

Regional Parks Manager

Parks Planning

Emergency Program Coordinator – Creston

Meeting Coordinator

GUESTS PRESENT

S. Itkonen

L. Kleinhans

Library Director – Creston Valley Public Library

Manager, Kootenay Employment Services

WEBEX REMOTE MEETING INFO

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote.

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m20637d43972da07ffc516e2a8722ca6c>

Join by Phone:

1-844-426-4405 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2774 910 0087

Meeting Password: yWXMZGym632

In-Person Location: Creston & District Community Complex – Creston Erickson Room
312 19th Avenue North, Creston, BC

1. CALL TO ORDER

Chair DeBoon called the meeting to order at 9:01 a.m.

2. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

3. ADOPTION OF AGENDA

Moved and seconded,
AND Resolved:

The Agenda for the February 2, 2023 Creston Valley Services Committee meeting, be adopted as circulated.

Carried

4. RECEIPT OF MINUTES

The January 5, 2023 Creston Valley Services Committee minutes, have been received.

5. DELEGATES

5.1 Kootenay Employment Services – Child Care Proposal

Leah Kleinhans, Manager from Kootenay Employments Services provided a PowerPoint presentation regarding the Kootenay Employment Child Care Proposal. Leah Kleinhans answered the Committee's questions.

6. STAFF REPORTS

6.1 2023 Draft Financial Plans S174, S193, S201, S205, S217 and S224

The Cemetery – Creston and Areas A, B and C S174 2023 Draft Financial Plan and Grant Details; Public Library – Creston and Areas A, B and C S193 2023 Draft Financial Plan and Grant Plan; Regional Parks – Creston and Areas B and C S201 2023 Draft Financial Plan;

Regional Parks – Area A Service S205 2023 Draft Financial Plan; Crawford Bay Beach and Hall – Area A S217 2023 Draft Financial Plan; and Recreation Facility – Creston and Areas B, C and Area A S224 2023 Draft Financial Plan, from Joe Chirico, General Manager of Community Services, have been received.

ORDER OF AGENDA CHANGED The Order of Business was changed due to the discussion around the Public Library – Creston and Areas A, B and C S193 2023 Draft Financial Plan and Grant Plan, with Item 7.3 Creston Valley Public Library considered at this time.

7.3 Creston Valley Public Library

The reports dated November and December 2022 from Saara Itkonen, Library Director, re: Operations Report, 2022 Library Usage Statistics, 2022 Year in Review and Budget 2023, have been received.

Discussion of any questions from the Directors regarding the S174, S193, S201, S205, S217 and S224 draft budgets.

Staff Direction: That the Creston Valley Services Committee direct Staff to not include in the 2023 Draft Financial Plan for Service S174 (Cemetery – Creston A, B, C) a grant contribution to the Crawford Bay Cemetery in the amount of \$1,500.00 due to the required documentation not being submitted.

Staff Direction: That the Creston Valley Services Committee direct Staff to remove from the 2023 Draft Financial Plan for Service S174 (Cemetery – Creston A, B, C) the grant allotment for 2022 to the Lister Cemetery in the amount of \$3,500.00 due the required submitted documentation not being submitted.

Staff Direction: That the Committee discuss at the March 2, 2023 Creston Valley Services Committee meeting a recommendation to the Board outlining some direction to develop a policy around the budgeting expectations of these groups as opposed to the reporting side of things after the fact. More engagement with these groups in December or January for the upcoming year.

Staff Direction: That the Creston Valley Services Committee direct Staff to put in a request to the Creston Valley Public Library Board to get permission for Saara Itkonen, Library Director to host a pre-budget discussion meeting in the CVPL meeting room with the Crawford Bay, Riondel and Yahk Library Boards prior to July or August 2023.

ORDER OF AGENDA RESUMED Item 6.2 Creston & District Community Complex (CDCC) was considered at this time.

6.2 Creston & District Community Complex (CDCC)

The Committee Report dated January 24, 2023 from Marty Benson, Regional Manager – Recreation and Client Services, re: CDCC Programming Update, has been received.

Marty Benson, Regional Manager – Recreation and Client Services provided the Committee with an update on the various program service areas within the CDCC.

7. NEW BUSINESS

7.1 Crawford Bay & District Hall & Parks Association Grant Application

The letter dated January 26, 2023 and the 2023 Projected Budget from the Directors of the Crawford Bay & District Hall & Parks Association, re: an increase to the financial services grant for 2023, has been received.

Staff Direction: Staff be directed to include the maximum grant available from the Crawford Bay Beach and Hall – Area A S217 budget.

7.2 Creston Victim Services

The Staff Briefing Note dated February 2, 2022 from Michael Moore, Chief Administrative Officer, Town of Creston, re: Victim Services Coordinator financial support, has been received.

Michael Moore, Town of Creston - Chief Administrative Officer provided the Committee with an overview of Creston Victim Services, changes in staff and opportunity for improved service provision and answered the Committee's questions. Stuart Horn, Chief Administrative Officer – RDCK advised the Committee that the Creston Victim Services program delivery to rural areas and communities could be a good fit if the Directors wanted to support it. Director Jackman suggested the current bylaw needs to be rewritten to make more sense. The Committee wants to wait and see what the province has to say at the meeting with Michael Moore, Town of Creston – Chief Administrative Officer.

7.4 Community Associations

Director Tierney requested a discussion about the relationship and responsibility the RDCK has in relation to the different community associations, in particular the following:

- Canyon Community Association
- Lister Community Association
- Erickson Community Association
- Kitchener Community Association
- Yahk Kingsgate Community Centre

The Committee discussed the relationship and responsibility the Directors have in relation to the community associations. Director Tierney wanted to know if the Directors have a responsibility to ensure the grant funds the community associations are receiving from the RDCK are being spent appropriately. Stuart Horn, Chief Administrative Officer – RDCK, informed Director Tierney that the Directors aren't responsible for auditing the community association's financial numbers. Directors should be developing a dialogue with the community associations. Find out what the

community associations are using the funds for to see if it's inline with what the community is looking for from the community association. The Directors would then be able to make an assessment as to whether or not it's a good spend or a good use of taxpayers dollars.

8. PUBLIC TIME

The Chair called for questions from the public at 11:47 a.m.

- A member of the public expressed that they attended this meeting for an update on the Traditional Use Study (TUS) which wasn't on the agenda for this meeting.

10. NEXT MEETING

The next Creston Valley Services Committee meeting is scheduled for March 2, 2023 at 9:00 a.m.

11. ADJOURNMENT

Moved and seconded,
AND resolved:

The Creston Valley Services Committee meeting be adjourned at 11:55 a.m.

Carried

Digitally approved by

Arnold DeBoon, Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**NORTH KOOTENAY LAKE SERVICES COMMITTEE
OPEN MEETING MINUTES**

MONDAY, February 6, 2023

10:00 am

Location: Hybrid Model - In-person and Remote

Committee Members

Director Suzan Hewat

Director Aimee Watson

Village of Kaslo – Chair

Area D

Staff

Ian Dunlop

Stuart Horn

Yev Malloff

Joe Chirico

Cary Gaynor

Christine Hopkyns

Chief Administrative Officer – Village of Kaslo

Chief Administrative Officer – RDCK

Chief Financial Officer - RDCK

General Manager of Community Services

Regional Parks Manager

Meeting Coordinator

1. WEBEX REMOTE MEETING INFO

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m8c11890ee5f4033d0332ffc095136f46>

Join by Phone:

1-844-426-4405 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2770 371 9762

Meeting Password: JppdAYgT668

In-Person Location: Village of Kaslo Council Chambers, 413 4th St, Kaslo, BC

2. CALL TO ORDER

Chair Hewat called the meeting to order at 10:03 a.m.

3. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

4. ADOPTION OF AGENDA

MOVED and seconded,
AND Resolved:

The Agenda for the February 6, 2023 North Kootenay Lake Services Committee meeting, be adopted as circulated.

Carried

5. RECEIPT OF MINUTES

The January 23, 2023 North Kootenay Lake Services Committee minutes, has been received.

6. DELEGATE

No delegation.

7. OLD BUSINESS

No items.

8. NEW BUSINESS

8.1 Budget Discussion

8.1.1 S194 – Kaslo & Area D Library Service

The S194 – Kaslo & Area D Library Service budget request has been received.

MOVED and seconded,
AND Resolved:

THAT the North Kootenay Lake Services Committee accept the 2023 draft budget as proposed for S194 – Kaslo & Area D Library Service for \$118,100.00.

Carried

8.1.2 S150 – Jaws of Life (Kaslo Search & Rescue)

The S150 Jaws of Life budget request has been received.

MOVED and seconded,
AND Resolved:

THAT the North Kootenay Lake Services Committee accept the 2023 draft budget as proposed for S150 – Jaws of Life (Kaslo Search & Rescue) for \$27,000.00.

Carried

Direction to Staff: In November 2023, reach out to Kaslo Search & Rescue to request the full budget for 2024 budget.

8.1.3 S 280 - Fire Service

The S 280 - Fire Service budget request has been received.

MOVED and seconded,
AND Resolved:

THAT the North Kootenay Lake Services Committee accept the proposed budget for S 280 - Fire Service in the draft 2023 budget, with the reduction of the salary/benefits budget using the 2022 figures.

Carried

8.1.4 S109 - Economic Development Commission – Kaslo and Area D

MOVED and seconded,
AND Resolved:

THAT the North Kootenay Lake Services Committee direct staff to keep the proposed budget at 2022 taxation levels for S109 - Economic Development Commission – Kaslo and Area D in the draft 2023 budget.

Carried

8.1.5 S 221 - Regional Facilities, Recreation and Park Service

NOTE: S 221 - Regional Facilities, Recreation and Park Service budget presentation was added to the addenda.

The S 221 - Regional Facilities, Recreation and Park Service budget presentation was received.

The S 221 - Regional Facilities, Recreation and Park Service budget request has been received.

At the January 23, 2023 North Kootenay Lake Services Committee meeting the Committee gave the following direction to staff: *That staff bring the S221 - Regional Facilities, Recreation and Park Service proposed budget for 2023 back to the February 6, 2023 meeting for further consideration.*

Cary Gaynor, Regional Parks Manager and Joe Chirico, General Manager gave a presentation to the Committee on the S 221 - Regional Facilities, Recreation and Park Service budget.

MOVED and seconded,
AND Resolved:

THAT the North Kootenay Lake Services Committee accept the proposed budget as presented for S 221 - Regional Facilities, Recreation and Park Service in the draft 2023 budget.

Carried

9. PUBLIC TIME

The Chair will call for questions from the public at 11:29 a.m.
No public or media present.

10. NEXT MEETING

The next North Kootenay Lake Services Committee meeting is scheduled for February 24, 2023 at 3:00 pm.

11. ADJOURNMENT

MOVED and seconded,
AND Resolved:

The North Kootenay Lake Services Committee meeting be adjourned 11:31 a.m.

Carried

Digitally approved by

Chair Hewat



REGIONAL DISTRICT OF CENTRAL KOOTENAY
Area A Economic Development Commission
OPEN MEETING MINUTES

Thursday, January 25, 2023

4:00 p.m. MST

Hybrid Model – In-person and Remote

Kokanee Springs Resort

16028 Woolgar Rd., Crawford Bay, BC

COMMISSION MEMBERS PRESENT

Director Jackman	Area A – In-person
Commissioner MacMahon	Kootenay Bay – In-person
Commissioner Medhurst	Crawford Bay – Chair – In-person
Commissioner Cullinane	Boswell – In-person
Commissioner Bertram	Crawford Bay/Grey Creek

COMMISSION MEMBERS ABSENT

Commissioner Toole	Crawford Bay/Boswell
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STAFF PRESENT

Julie Rafuse	Meeting Coordinator
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GUESTS PRESENT

Farley Cursons	Executive Director Co-Founder, East Shore Trail and Bike Association
Lois M. Wakelin	Treasurer, South Kootenay Lake ArtConnect

WEBEX REMOTE MEETING INFO

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=madd34ae6552902726c444f65e520a48c>

Join by Phone:

1-844-426-4405 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2774 289 3560

Meeting Password: gPbiwH2Ck67

In-Person Location: Kokanee Springs Resort
16028 Woolgar Rd., Crawford Bay, BC

1. CALL TO ORDER

Chair Medhurst called the meeting to order at 4:03 p.m.

2. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

3. ADOPTION OF AGENDA

Moved and seconded,
And Resolved:

The Agenda for the January 25, 2023 Area A Economic Development Commission meeting, be adopted as circulated.

Carried

4. RECEIPT OF MINUTES

The November 2, 2022 Area A Economic Development Commission minutes, have been received.

5. OLD BUSINESS

5.1 Kootenay Geothermal Project Update – Phase Two Results

Commissioner MacMahon provided an update on the Kootenay Geothermal Project – Phase Two Results. Subsequent to the completion of field activities, the geochemical results were received and evaluated. Of the twenty samples analyzed, five were of interest, based on their mineralogical make-up. Three of these five will be targeted for follow-up sampling in 2023. The 2023 program is planned to include specialized analysis such as O and H isotope geochemistry to help determine the origins of the fluids sampled, to understand the influence of meteoric water and to confirm a geothermal fluid source.

The drone based work completed by Selkirk College is still being processed, but the preliminary results are encouraging. A number of thermal anomalies have been identified suggesting the potential for a broader geothermal system which appears to be obscured in part by glacial till or overburden. Due to this overburden, a geophysical survey called Electrical Resistivity Tomography (ERT) is being considered for Phase Three. This survey will endeavour to map overburden thickness and near surface fluid flow patterns. If conducted the survey will be carried out by University of Victoria.

Phase Three will also include further drone based work such as Multi-spectral Infrared and possibly a thermal video for reconnaissance purposes. The objective for Phase Three will be to high-grade the leads from Phase Two and to advance the project to a drill ready state for drilling and testing in the following phase.

Phase Two results were presented to Geoscience BC's Geothermal Technical Advisory Committee and positive feedback was received.

Commissioner MacMahon answered the Commission's questions.

6. NEW BUSINESS

6.1 East Shore Trail and Bike Association Grant Application

The Area A – Economic Development Commission Grant Application dated August 20, 2022 from the East Shore Trail and Bike Association re: Crawford Bay Wetland Trail Accessibility and Upgrade Extension, has been received.

The Grant Application to the Columbia Basin Trust dated October 26, 2022 from the East Shore Trail and Bike Association re: Crawford Bay Wetland Trail Accessibility Upgrade and Extension, has been received.

Moved and seconded,

AND resolved that it be recommended to the Board:

That the Board approve the payment of the following grant from the Area A – Economic Development Commission Service S107 2023 budget:

East Shore Trail and Bike Association	\$10,366.00
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Carried

6.2 South Kootenay Lake ArtConnect Grant Application

The Area A – Economic Development Commission Grant Application dated January 23, 2023 from the South Kootenay Lake ArtConnect Society, has been received.

Moved and seconded,

AND resolved that it be recommended to the Board:

That the Board approve the payment of the following grant from the Area A – Economic Development Commission Service S107 2023 budget:

South Kootenay Lake ArtConnect Society (start up)	\$2,000.00
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Carried

6.3 2023 Meeting Schedule

The Commission deferred discussing the meeting dates and start time for 2023 to the next Area A Economic Development Commission meeting on March 3, 2023.

9. PUBLIC TIME

No public.

10. NEXT MEETING

The next Area A Economic Development Commission meeting is scheduled for March 3, 2023 at 2:00 p.m. MST at Kokanee Springs Resort.

11. ADJOURNMENT

Moved and seconded,

And resolved:

The Area A Economic Development Commission meeting be adjourned at 5:27 p.m.

Carried

Digitally approved by

G. Medhurst, Chair



REGIONAL DISTRICT OF CENTRAL KOOTENAY

**NELSON & DISTRICT RECREATION COMMISSION NO. 5
OPEN MEETING MINUTES**

9 a.m. – 12 p.m.

Wednesday, January 25, 2023

Held by remote meeting

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m9df72efdf7f616351bbe7a35217aca50>

Join by Phone: 1-833-512-2295 Canada Toll Free Or +1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2771 912 8161

Meeting Password: erE4uw2pmf5

In-Person Location: Held by remote meeting until further notice

COMMISSION MEMBERS

Commissioner Page	City of Nelson – Chair
Commissioner Tait	City of Nelson
Commissioner Graham	Electoral Area E
Commissioner Newell	Electoral Area F

MEMBERS ABSENT

Commissioner Morrison	City of Nelson
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STAFF

Stuart J. Horn	Chief Administrative Officer – RDCK
Joe Chirico	General Manager of Community Services – RDCK
Marty Benson	Regional Manager – Recreation & Client Services – RDCK
Craig Stanley	Regional Manager – Operations & Asset Management – RDCK
Ryan Ricalton	Facility Manager – NDCC
Ashley Chadwick	Administrative Assistant – NDCC – Meeting Coordinator
Pearl Anderson	Community Meeting Administrative Support - Meeting Coordinator
Tia Wayling	Regional Programming Supervisor/Community Development

DELEGATION

Jaime Fredrick	Nelson Nordic Ski Club – General Manager
Mike Knapik	Nelson Nordic Ski Club – Board Chair/Director

4 out of 5 voting Commission members were present – quorum was met.

1. CALL TO ORDER

Chair Page called the meeting to order at 9:01 a.m.

2. TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

We acknowledge and respect the Indigenous peoples within whose traditional lands we are meeting today.

3. ADOPTION OF AGENDA

MOVED and seconded,
AND Resolved:

That the agenda for the January 25, 2023 Nelson & District Recreation Commission meeting be adopted as circulated.

Carried

4. RECEIPT OF MINUTES

The December 14, 2022 Nelson & District Recreation Commission minutes, have been received.

5. DELEGATE

5.1 NELSON NORDIC SKI CLUB

Jaime Frederick, Nelson Nordic Ski Club General Manager and Mike Knapik Nelson Nordic Ski Club Board Chair/Director presented to the Commission on the club's operations, strategic planning and new developments and infrastructure projects.

DELEGATION ABSENT: Jaime Fredrick and Mike Knapik left the meeting at 9:23 a.m.

6. CORRESPONDENCE

6.1 THE TRAINER'S BOX – SKATE SHARPENING SERVICE PROPOSAL

The letter dated, December 15, 2022 from Cole Thompson, owner and operator of The Trainer's Box re: Skate sharpening service proposal has been received.

6.2 NELSON SOCCER ASSOCIATION – INDOOR SPORTS FACILITY FEASIBILITY STUDY FUNDING REQUEST REFERRED from December 14, 2023 meeting

The letter dated November 15, 2022 from Tim Wooldridge of the Nelson Soccer Association, re: Indoor Sports Facility Feasibility Study Funding Request has been received.

MOVED and seconded,
AND Resolved:

That Commission directs staff to include RDCK Discretionary Grant funds up to \$20,000 in the 2023 Draft Financial Plan for RDCK Service S226 Recreation Facility – Nelson and Area F and Defined Area E for the purpose of supporting recreation user group requests for feasibility and planning.

Carried

6.3 KOOTENAY SWIM CLUB – RETROACTIVE CREDIT REQUEST

The letter dated, December 14, 2022 from Shelley Berringer, Kootenay Swim Club President re: Retroactive credit request has been received.

MOVED and seconded,
AND Resolved:

MAIN MOTION

That the Commission Chair respond to the letter from the Kootenay Swim Club dated December 14, 2022 providing the history of the RDCK Fees and Charges Policy implementation.

Carried

6.4 NELSON CURLING CENTRE – ICE PLANT REQUESTS

The letter dated, January 6, 2023 from Kristina Little, Nelson Curling Centre President re: Ice plant requests has been received.

Moved and seconded,
MOTION ONLY

That the Commission directs staff to report back at a future Nelson & District Recreation Commission meeting on the feasibility of the Nelson Curling Centre request to contract the RDCK to maintain the Nelson Curling Centre Ice Plant and possible long-term integration.

Moved and seconded, And Resolved:
AMENDMENT TO THE MOTION

That the foregoing motion being:

That the Commission directs staff to report back at a future Nelson & District Recreation Commission meeting on the feasibility of the Nelson Curling Centre request to contract the RDCK to maintain the Nelson Curling Centre Ice Plant and possible long-term integration.

Be amended to “in accordance with the criteria set-out in RDCK Bylaw 2865.”, thus reading:

That the Commission directs staff to report back at a future Nelson & District Recreation Commission meeting on the feasibility of the Nelson Curling Centre request to contract the RDCK to maintain the Nelson Curling Centre Ice Plant and possible long-term integration in accordance with the criteria set-out in RDCK Bylaw 2865.

Carried

MOVED and seconded,
AND Resolved:

That the Commission directs staff to report back at a future Nelson & District Recreation Commission meeting on the feasibility of the Nelson Curling Centre request to contract the RDCK to maintain the Nelson Curling Centre Ice Plant and possible long-term integration in accordance with the criteria set-out in RDCK Bylaw 2865.

Carried

RECESS/ The meeting recessed at 10:04 a.m. for a break and reconvened at 10:16 a.m.
RECONVENE

6.5 NELSON LEAFS HOCKEY SOCIETY – ADVERTISING ON NDCC ZAMBONI

The letter dated, January 20, 2023 from Gordon Davis, Nelson Leafs Hockey Society Treasurer, re: Advertising on NDCC Zamboni has been received.

Moved and seconded,
MOTION ONLY

That the Board direct staff to issue a Request for Proposal (RFP) for advertising on the Nelson & District Community Complex Zamboni.

Moved and seconded, And Resolved:
AMENDMENT TO THE MOTION

That the foregoing motion being:

That the Board direct staff to issue a Request for Proposal (RFP) for advertising on the Nelson & District Community Complex Zamboni.

Be amended to “AND FURTHER; that staff send a letter to the Nelson Leafs informing them of the direction that the RDCK has decided to take with Zamboni advertising in Nelson.”, thus reading:

That the Board direct staff to issue a Request for Proposal (RFP) for advertising on the Nelson & District Community Complex Zamboni; AND FURTHER; that staff send a letter to the Nelson Leafs informing them of the direction that the RDCK has decided to take with Zamboni advertising in Nelson.

MOVED and seconded,
AND Resolved that it be recommended to the Board:
MAIN MOTION

That the Board direct staff to issue a Request for Proposal (RFP) for advertising on the Nelson & District Community Complex Zamboni in Nelson; AND FURTHER; that staff send a letter to the Nelson Leafs informing them of the direction that the RDCK has decided to take with Zamboni advertising in Nelson.

Carried

7. CONTRACTS

7.1 CITY OF NELSON – NDCC PARKING BYLAW ENFORCEMENT CONTRACT

The Commission Report dated January 5, 2023 from Ryan Ricalton, NDCC Facility Manager, re: NDCC Parking Bylaw Enforcement Contract, has been received.

MOVED and seconded,
AND Resolved that it be recommended to the Board:

That the Board approve a Service Agreement between the Regional District of Central Kootenay and the City of Nelson for Bylaw enforcement to enforce the City of Nelson 2 hour parking zone in the Nelson & District Community Complex parking lot at approximately 7.5 hours/week at a cost of \$21,777 for a one year period back dated to begin December 1, 2022.

Carried

8. OLD BUSINESS

8.1 SERVICE REVIEW UPDATE – ESTABLISHMENT AMENDMENT BYLAW

At the January 19, 2023 Open RDCK Board meeting the Nelson and District Community Facilities, Recreation, and Leisure Services Establishment Amendment Bylaw No. 2865, 2022 was adopted and has been received for information.

9. STAFF REPORTS

9.1 NDCC UPDATE

The Commission Report dated January 13, 2023 from Ryan Ricalton, NDCC Facility Manager, re: NDCC Update, has been received.

9.2 PROGRAMMING UPDATE

The Commission Report dated, January 6, 2023 from Marty Benson, Regional Manager – Recreation & Client Services and Tia Wayling, Regional Programming Supervisor/Community Development, re: Regional Programming Update, has been received.

9.3 SERVICE S226 2022 FINANCIAL UPDATE

Marty Benson, Regional Manager – Recreation & Client Services presented the 2022 year to date (as of January 17, 2023) Service Statement for RDCK Service S226 Recreation Facility – Nelson and Area F and Defined Area E.

9.4 SERVICE S226 2023 DRAFT FINANCIAL PLAN

The 2023 Draft Financial Plan presentation for RDCK Service S226 Recreation Facility – Nelson and Area F and Defined Area E, from Joe Chirico, General Manager of Community Services, Marty Benson, Regional Manager – Recreation & Client Services and Craig Stanley, Regional Manager – Operations & Asset Management – RDCK, has been received.

10. PUBLIC TIME

The Chair called for questions from the public at 12:13 p.m.

11. NEXT MEETING

The next Nelson & District Recreation Commission meeting is scheduled for February 22, 2023 at 9 a.m.

An additional Special Budget meeting will be scheduled for early February 2023.

12. ADJOURNMENT

MOVED and seconded,
AND Resolved:

That the Nelson & District Recreation Commission meeting be adjourned at 12:28 p.m.

Carried

RECOMMENDATION(S) TO THE BOARD OF DIRECTORS

1. *That the Board direct staff to issue a Request for Proposal (RFP) for advertising on the Nelson & District Community Complex Zamboni in Nelson; AND FURTHER; that staff send a letter to the Nelson Leafs informing them of the direction that the RDCK has decided to take with Zamboni advertising in Nelson.*
2. *That the Board approve a Service Agreement between the Regional District of Central Kootenay and the City of Nelson for Bylaw enforcement to enforce the City of Nelson 2 hour parking zone in the Nelson & District Community Complex parking lot at approximately 7.5 hours/week at a cost of \$21,777 for a one year period back dated to begin December 1, 2022.*

THE FOLLOWING ITEMS ARE PROVIDED FOR CONVENIENCE ONLY AND WILL BE CONSIDERED AT ITS APPROPRIATE MEETING AS STATED.

Future Nelson & District Recreation Commission Meetings

1. *That Commission directs staff to include RDCK Discretionary Grant funds up to \$20,000 in the 2023 Draft Financial Plan for RDCK Service S226 Recreation Facility – Nelson and Area F and Defined Area E for the purpose of supporting recreation user group requests for feasibility and planning.*
2. *That the Commission directs staff to report back at a future Nelson & District Recreation Commission meeting on the feasibility of the Nelson Curling Centre request to contract the RDCK to maintain the Nelson Curling Centre Ice Plant and possible long-term integration in accordance with the criteria set-out in RDCK Bylaw 2865.*

Approved by

Keith Page, Chair Recreation Commission No. 5.
2023-01-27



WEST KOOTENAY TRANSIT COMMITTEE

MINUTES

January 31, 2023 | 1:00 p.m.

Hosted by

Regional District of Kootenay Boundary (RDKB)

In-person and Zoom Meeting

COMMITTEE MEMBERS

Chair Rik Logtenberg

Vice-Chair Linda Worley

Walter Popoff

Steve Morissette

Tom Newell, Alternate

Terry Martin

Keith Page, Alternate

City of Nelson

RDKB–Area B/Lower Columbia-Old Glory

RDCK – Area H

RDKB – Village of Fruitvale

RDCK – Area F

RDKB – City of Trail

City of Nelson

LOCAL GOVERNMENT STAFF

James Chandler, General Manager of Operations

Tom Dool, Research Analyst

Chris Jury, Deputy CFO

Maureen Forster, Recording Secretary

RDKB

RDCK

City of Nelson

RDKB

BC TRANSIT

Daynika White, Manager, Government Relations

James Wadsworth, Senior Transit Planner

Ryan Dennis, Electronic Fare Collection System Program Manager

Anthony Mirando

Frank He, Transit Planner

BC Transit

BC Transit

BC Transit

BC Transit

BC Transit

TRANSIT OPERATING COMPANIES

Trevor Stach, CEO

Sherry McCuaig, General Manager, West Kootenay

Baron Gould, Transit Lead Hand

Jody Koehle, Fleet and Transit Supervisor

NextGen Transit

NextGen Transit

City of Nelson

City of Nelson

1) Call to Order

James Chandler, RDKB General Manager of Operations, called the meeting to order at 1:00 p.m.

2) Territorial Acknowledgement

We recognize and respect that we live and meet within the unceded territories of the Columbia Basin Indigenous Nations peoples.

3) Appointment of a Chair

James Chandler, RDKB General Manager of Operations, administered the election of the Committee Chair.

James Chandler called a first time for nominations.

Committee member Linda Worley nominated Committee member Rik Logtenberg as Chair.

Rik Logtenberg accepted the nomination.

James Chandler called a second and third time for nominations.

Hearing no further nominations, Rik Logtenberg was declared Chair of the West Kootenay Transit Committee for 2023 by acclamation.

4) Appointment of a Vice-Chair

James Chandler, RDKB General Manager of Operations, administered the election of the Committee Vice-Chair.

James Chandler called a first time for nominations.

Committee member Walter Popoff nominated Committee member Linda Worley as Vice-Chair.

Linda Worley accepted the nomination.

James Chandler called a second and third time for nominations.

Hearing no further nominations, Linda Worley was declared Vice-Chair of the West Kootenay Transit Committee for 2023 by acclamation.

Director Logtenberg assumed the position of Chair and the meeting continued.

5) Approval of the Agenda

Moved by: Committee member Popoff and seconded,
And Resolved:

That the agenda for the January 31, 2023 meeting of the West Kootenay Transit Committee be approved as presented.

Carried

6) Approval of the Minutes

Moved by: Committee member Popoff and seconded,
And Resolved:

That the minutes of the West Kootenay Transit Committee January 31, 2023 meeting be approved as presented.

Carried

7) Review of Committee Mandate and Terms of Reference

Moved by Committee member Popoff and seconded,
And Resolved:

That the Mandate and Terms of Reference be approved as presented.

Carried

8) Reports

BC Transit

a) Overview of BC Transit governance, funding structure and initiatives

Daynika White, Government Relations Manager, provided a presentation to the Committee highlighting:

1. BC Transit Partnership Model
2. System Information & Performance
3. System Planning
4. Strategic Initiatives

b) Electronic Fare Collection: Umo Policy

Ryan Dennis, Electronic Fare Collection System Program Manager, provided a presentation to the Committee highlighting:

1. Project and Solution Overview
2. Fare Policies – information and approval
3. Update Fare Structure

Moved by Alternate Committee member Newell and seconded,
And Resolved:

That the West Kootenay Transit Committee receive the following as information:

a) Universal Refund Policy for use with Umo being:

- Full refunds are available for unused fare products purchased by the customer. No refunds for any partially used or expired fare products. Refunds available on stored value amounts of greater than ten dollars.

- b) Universal Fare Product Expiration Policy for use with Umo being:
 - Pre-purchased packs of 10 rides (previously tickets), or portions thereof, and DayPass fare products will expire after 365 days from the date of purchase.
- c) A revised West Kootenay Transit Transfer Policy being:
 - Transfers are available for use on the next connecting bus within 90 minutes of the original fare payment of product use.
- d) An updated West Kootenay Transit Schedule of Fares:
 - Aligning conventional, paratransit and Health Connections cash and Umo Single Ride fares to \$2.25.
 - Replacing the Monthly Pass Fare product with the 30-Day Pass fare product.

Carried

Moved by Committee member Worley and seconded,
And Resolved:

That the Board of the Regional District of Central Kootenay, the Board of the Regional District of Kootenay Boundary, and the Council of the City of Nelson directs staff to update:

- a) The West Kootenay Transit Transfer Policy,
- b) The West Kootenay Transit Schedule of Fares,

in the 2023 West Kootenay Transit Annual Operating Agreement.

Carried

- c) Update on labour shortage and service delivery

Trevor Stach, NextGen Transit CEO, provided an update to the Committee regarding the labour shortage and service delivery challenges. He informed the Committee that NextGen Transit is now close to providing 100% service in Kootenay West.

Moved by Committee member Martin and seconded
And Resolved:

That the BC Transit presentation be received for information.

Carried

9) New Business

- a) Selkirk College planning and ridership trends – Tom Dool, RDCK

The Committee was informed that staff will be meeting with Selkirk College and its student union to discuss future planning and anticipated ridership. A report will be brought to the next meeting.

Moved by Committee member Popoff and seconded
And Resolved:

That the report from Tom Dool, RDCK, be received as presented.

Carried

- b) Proposed meeting schedule – James Chandler, RDKB

The Committee members will be provided with a 2023 meeting calendar based on funding agreement proposals and will be sent out by email.

Moved by Committee Member Morissette and seconded
And Resolved:

That the report from James Chandler, RDKB, be received as presented.

Carried

10) Adjournment

The meeting was adjourned at 3:07 pm.

Digitally approved by

Chair Logtenberg



BC Transit 101

Daynika White

Manager, Government Relations - BC Transit

djwhite@bctransit.com

(672) 974-1176

Introduction

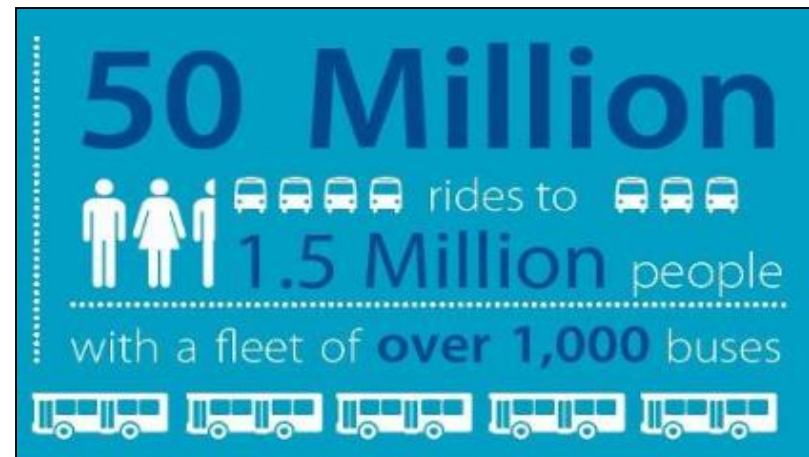
Manager - Government Relations (Thompson – Kootenay)

- Stakeholder Communications
 - » Accountable for effective two way communications
 - » Main point of contact to local government partners
 - » Supported by a team of subject matter experts
 - » Planning, Scheduling, Finance, Marketing, etc.

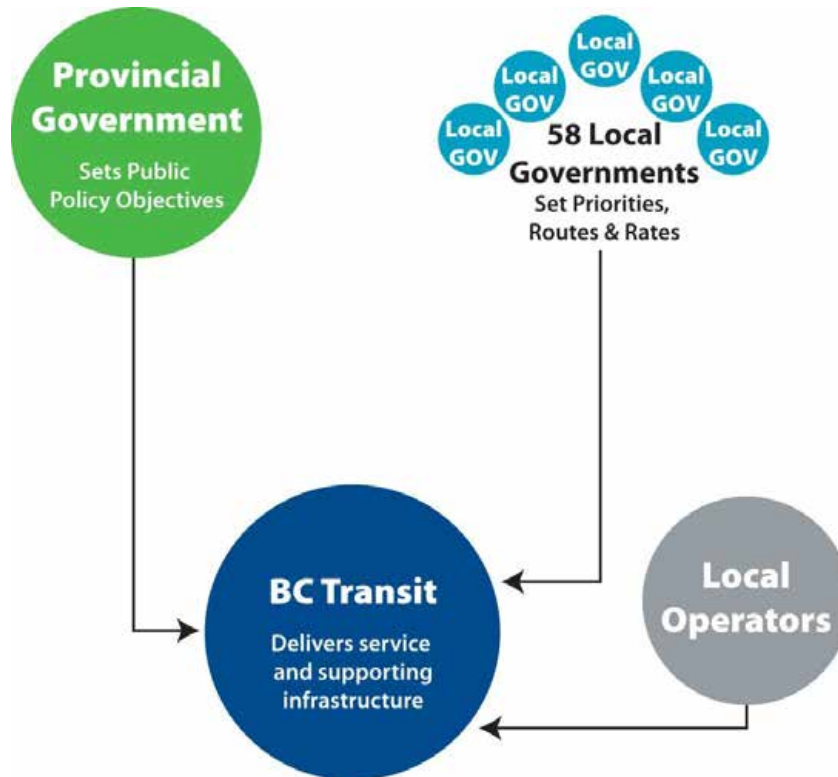


Who is BC Transit?

- Provincial authority responsible for the planning, funding and operation (marketing, fleet, scheduling, planning) of all transit throughout the Province outside of Metro Vancouver



BC Transit Partnership Model



Roles and Responsibilities

BC Transit

- **Allocates provincial funding**
- **Plans transit systems to achieve local and provincial objectives**
- **Arranges for the operation of transit systems by contract or partnership**
- **Procures & owns fleet** - Determines the fleet & facilities requirements
- **Marketing** (Rider's Guides) / website branding, media & public relations
- Provides contract management and overall operator/operations oversight
- Develops and manages capital budget and asset acquisition
- Provides financial & accounting
- Other professional services required to plan, finance and implement transit systems

Local Government

- **Sets local funding**
- **Sets routes and service levels** with BC Transit, ongoing review
- **Sets fares and manages the sale of fare products**
- **Establishes and maintains bus stops, shelters and amenities**
- Approves Official Community Plan, Transit vision and expectations, and transit supportive policies
- Determines service priorities with BC Transit
- Approves transit related agreements and budgets
- Promotes ridership with BC Transit marketing/branding
- Transit service education and consultation

Local Operating Company

- **Delivers specified transit services** as directed by BC Transit
- **Hires , trains and provides drivers**
- **Manages labour relations**
- **Collects fare revenue on behalf of the Local Government**
- **Provides day to day customer service** (info line, lost & found inquiries, etc.)
- Assists with data collection
- Helps promote the transit service



Transit Services

Conventional Transit

- Fixed routes & schedules
- Mainly urban settings
- Range of vehicles

Custom Transit (HandyDART)

- Door to door
- Demand responsive
- Eligible people with a disability
- Links to taxi programs

Paratransit

- Flexible routing and schedules
- Light duty accessible vehicles
- Small towns, and rural communities

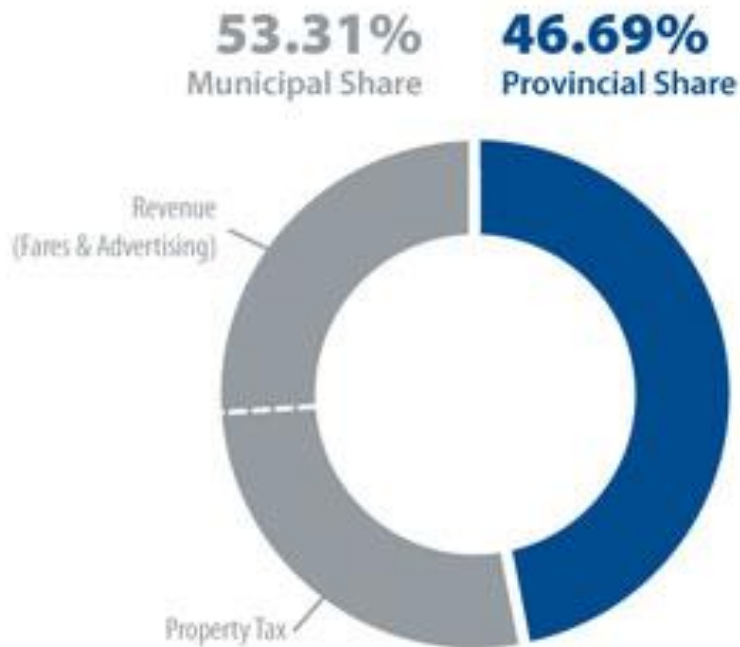
Health Connections

- Paratransit service funded by Health Authority
- Provides access to medical appointments
- Small towns, and rural communities

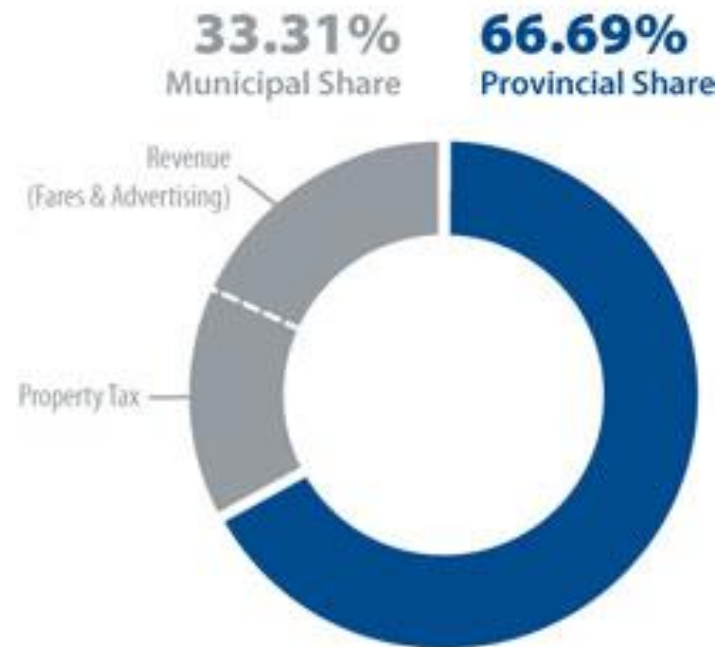


Shared Services Model

Regional Transit System – Legislated Funding Formula



Conventional Transit

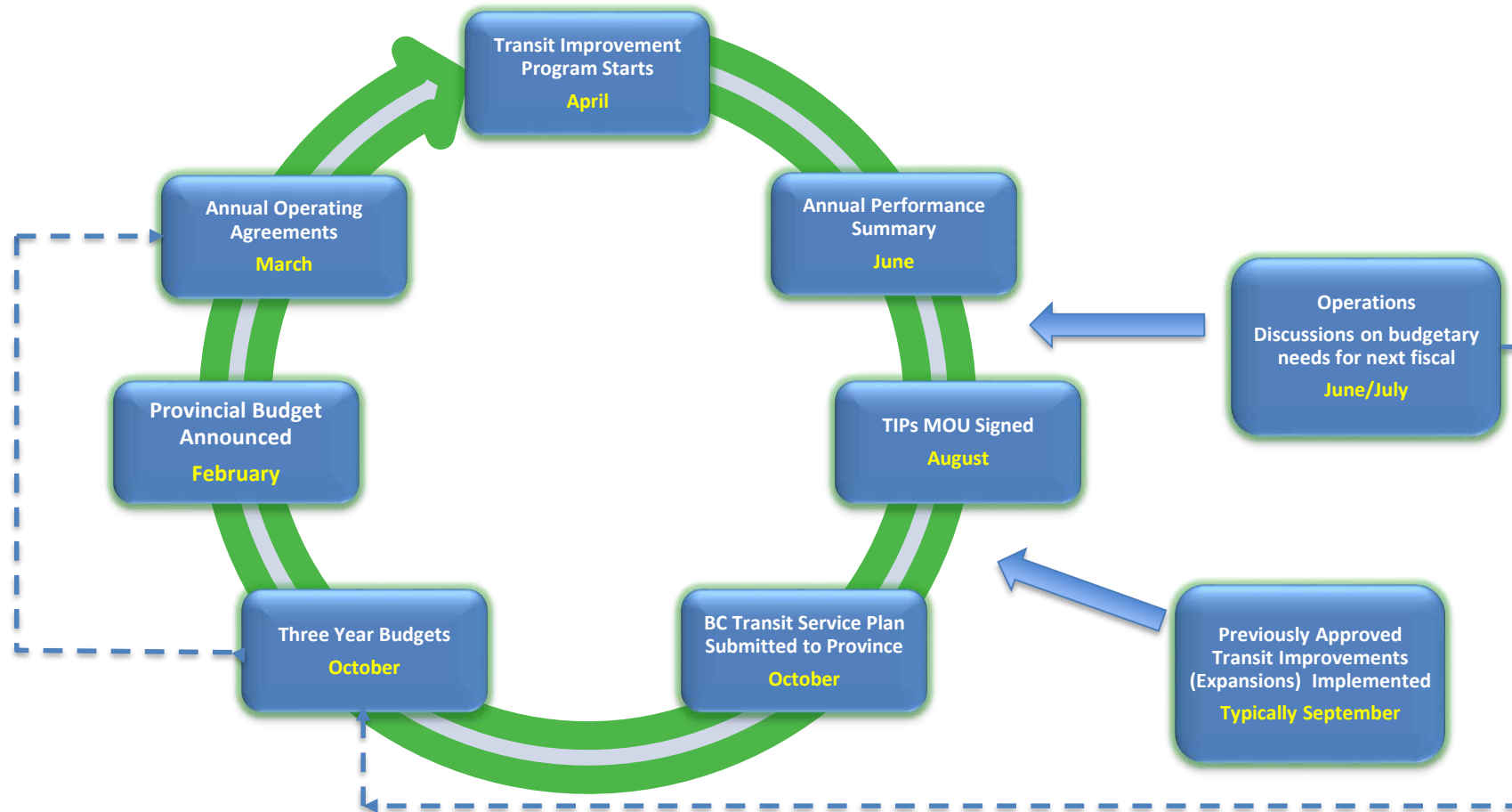


Custom Transit (handyDART)

- Local Government retains 100% of revenue to offset local costs



BC Transit Annual Partner Communication



System Information & Performance



Pandemic Recovery



Average Weekday Boardings - All Systems

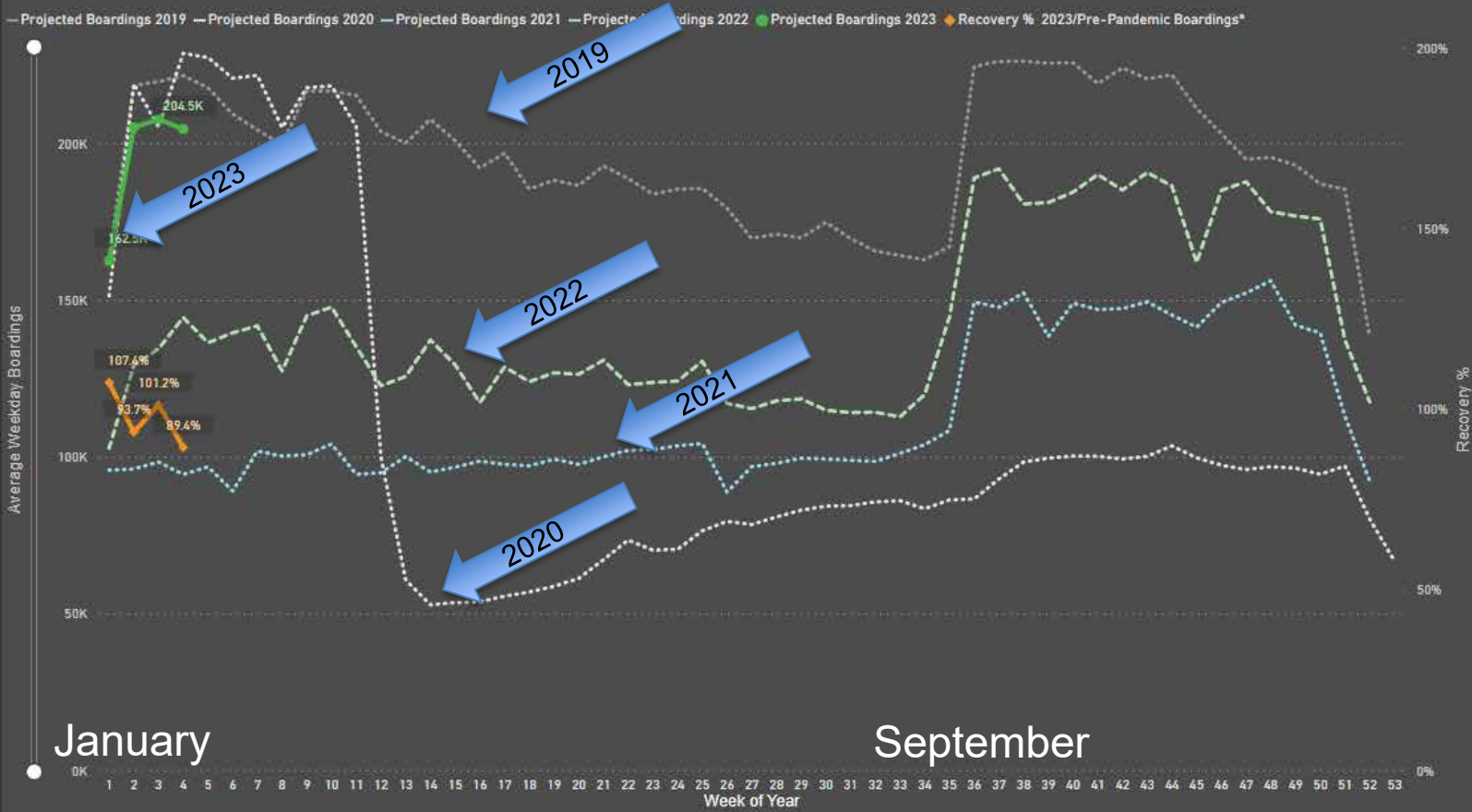
Safe Restart Ridership Targets

- OFF
- LOW
- MEDIUM
- HIGH

Week of Year	Pre-Pandemic	2023
1	151,318	162,455
2	218,920	205,060
3	205,265	207,636
4	228,697	204,531
5	227,330	
6	220,741	
7	221,643	
8	204,983	
9	217,740	
10	218,287	

Week of Year	Recovery %
1	107.4 %
2	93.7 %
3	101.2 %
4	89.4 %

* Pre-Pandemic boardings consist of boardings from weeks 1-11 of 2020 and weeks 12-52 of 2019.



January

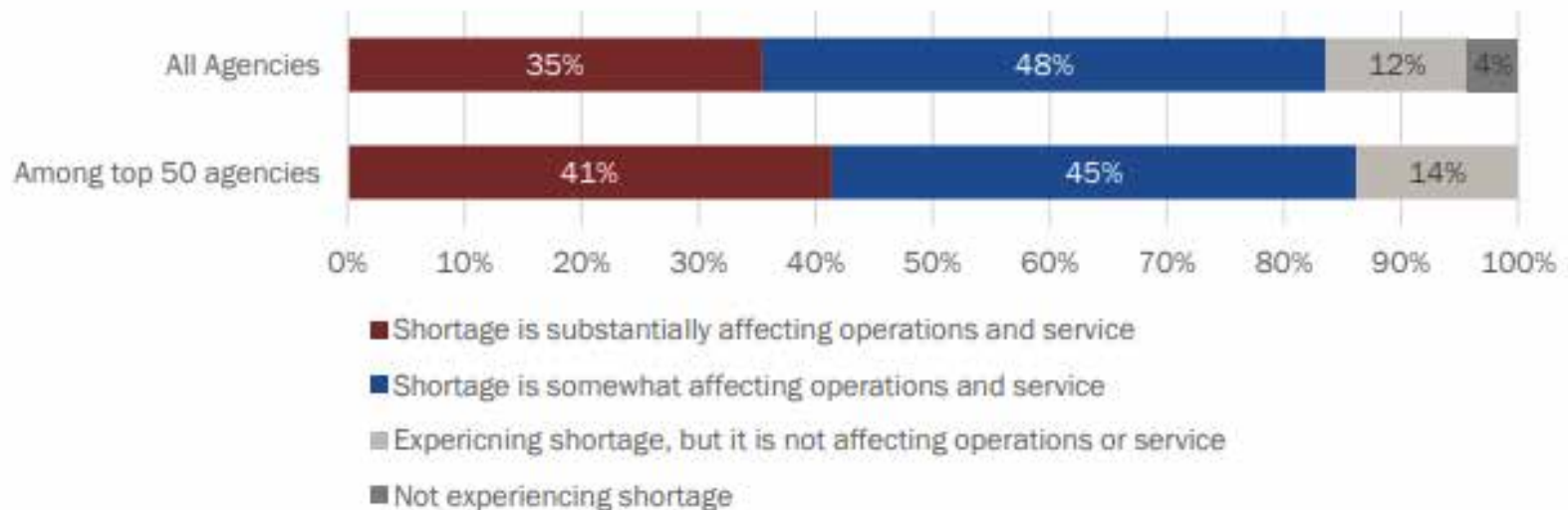
September

HELP



Labour Shortages

FIGURE 1: SEVERITY AND IMPACT OF TRANSIT WORKFORCE SHORTAGE BY AGENCY SIZE



Agencies with the greatest ridership and those in urbanized areas report the most severe shortage effects. Still, even in rural areas, most agencies report that a shortage of workers is affecting service (Table 1).



West Kootenay Transit System

[Change Transit System](#) [Report a Concern](#)



Engage

Schedules and Maps

Fares

Rider Info

Transit Future

News

Contact

Welcome to

West Kootenay Transit System

[Change Transit System](#)

TRIP PLANNER

Starting point

Destination

Leave Now

GOOGLE TRANSIT ↕

TRIP ALERTS

TODAY'S ALERTS

1 10 14 20 72 99

West Kootenay Transit

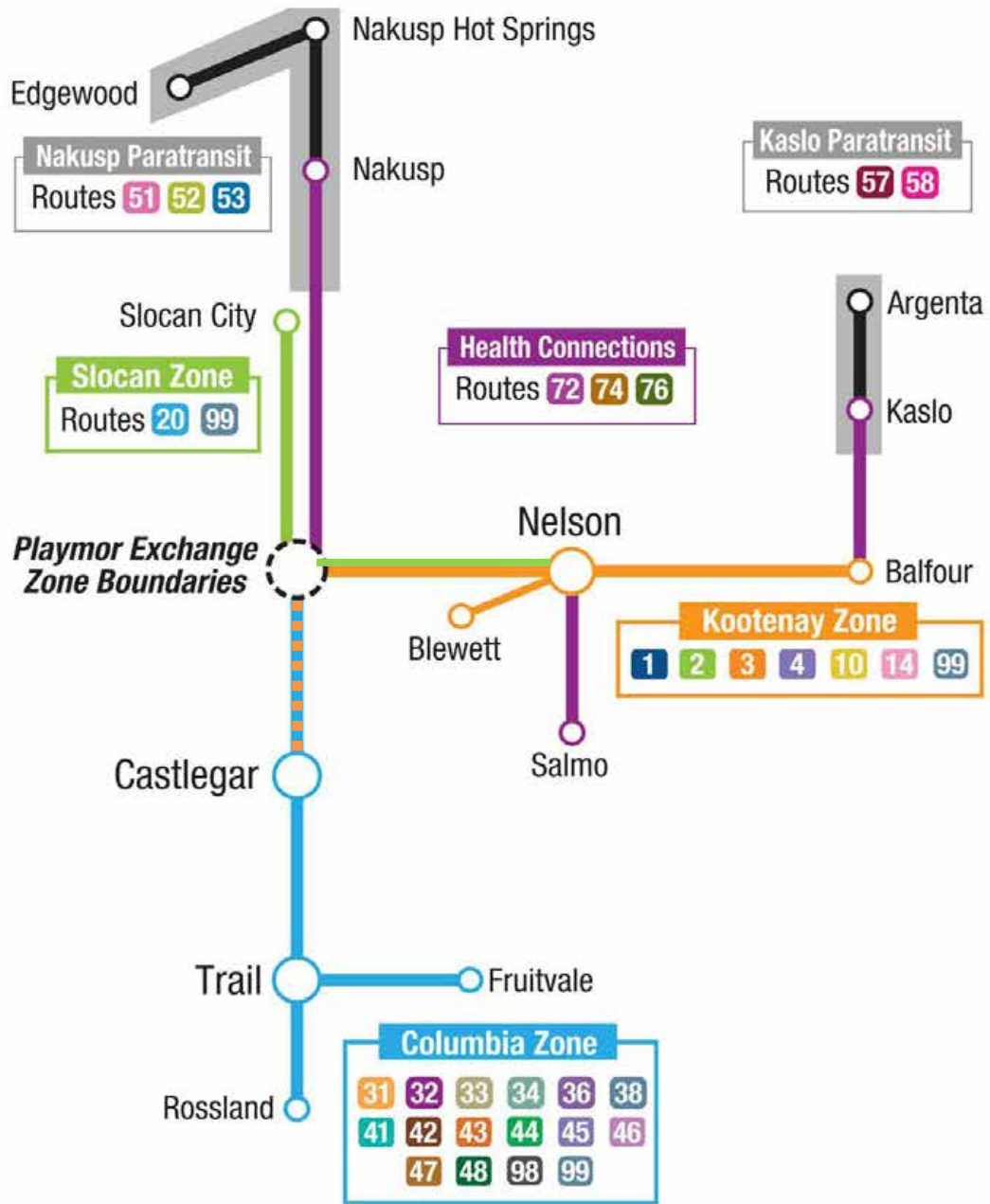
RIDER'S GUIDE

Effective August 7, 2018
Updated September 2022



Regional District of
Kootenay Boundary
Regional District of
Central Kootenay
City of Nelson





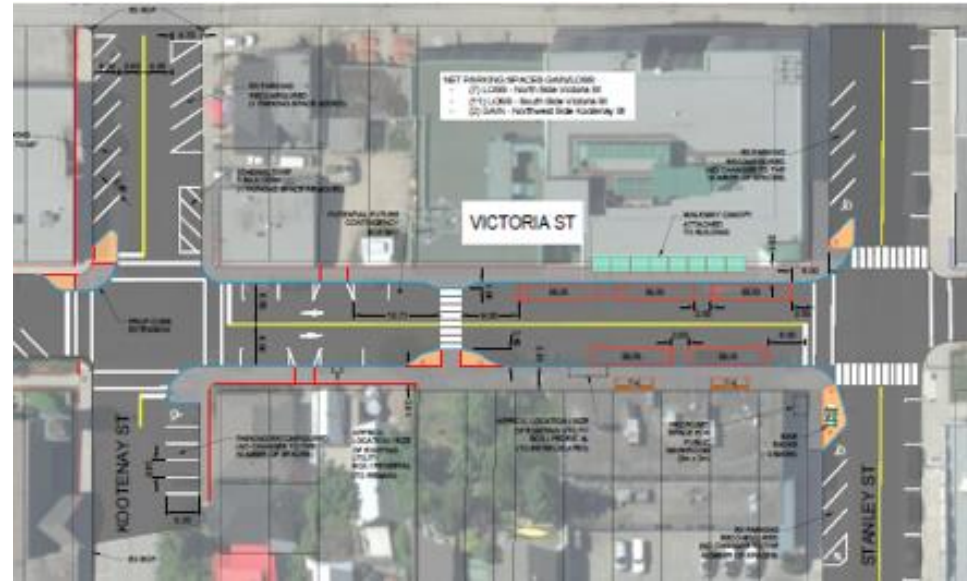
Nelson Transit Exchange - Update

- Developed plans for a new transit exchange to improve the customer amenities and support future service expansion
- Technical study completed with in 2020
- Presented to Council received approval in principle to develop a business case and apply for federal funding
- Engaged stakeholders on design aspects



Nelson Transit Exchange Update

Action	Status
Pre-project stakeholder engagement in progress	Complete
Project Terms Sheet Executed	Complete
Business Case	Complete
Application for Federal Government Funding (ICIP)	Complete
Draft Project Agreement	In progress
Developing documentation for design procurement	In progress
Tendering for detail design	Next Step



Next steps:

- Finalize the Project Agreement
- Progress detailed design work (BC Transit lead)
- Project completion forecast for summer of 2024



Trail Transit Exchange - Update

- Develop plans for a new transit exchange to improve the customer amenities and support future service expansion
- Technical study completed with 3 options in 2021
- Presented to Council & East End Services Committee received approval in principle in the Spring of 2022 to develop a business case and apply for federal funding
- Engaged stakeholders on Cedar & Helena Option



Trail Transit Operations Facility - Update

- Space for Transit Operations is leased from the school district and the current lease expires in 2026
- A new facility is required to support existing services as well as support future bus expansion and the transition to battery electric bus



Transit Facility Study

Action	Status
Transit facility study agreement	Complete
Study Procurement	Complete
Technical Study	In progress
Functional Plan	Complete
Option Evaluation	In progress
Secure local government approvals	Future Step
Business Case	Future Step
Application for Funding	Future Step



Next steps:

- Study in progress
- BC Transit will work with the RDKB to select a preferred options and secure local government approvals
- Business case and application for funding



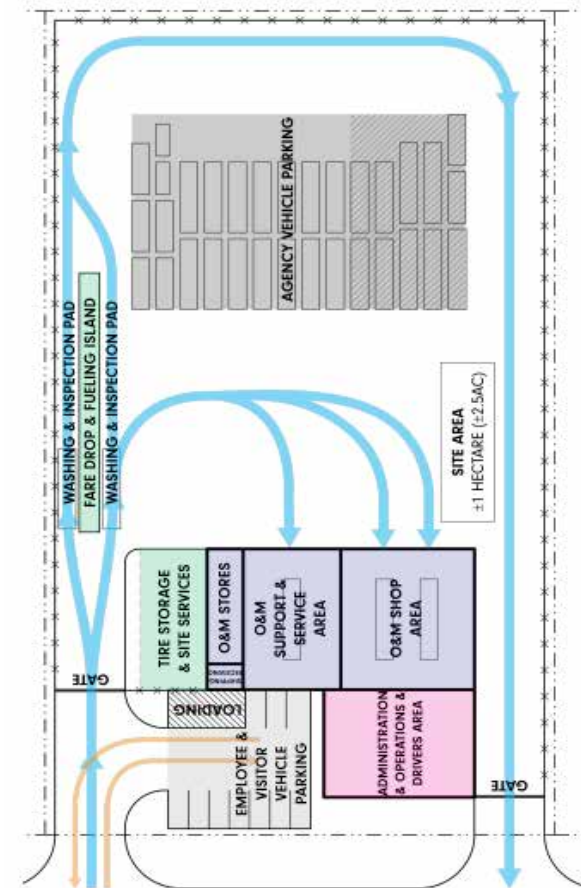
Transit Facility Planning

Functional Plan

- Developing a plan to support existing fleet (17 buses) and future expansion to ~(30 buses)
- A ~6,000m site and building of ~1,000M

Evaluation

- Evaluation of up to 4 options and recommend a preferred option through a multiple account evaluation.
- Deliverable is a technical report



LEGEND

- EMPLOYEE & VISITOR VEHICLE MOVEMENT
- AGENCY VEHICLE MOVEMENT

- EMPLOYEE & VEHICLE PARKING
- SHORT-TERM AGENCY VEHICLE PARKING
- LONG-TERM EXPANSION OF AGENCY VEHICLE PARKING

- ADMINISTRATION & OPERATIONS & DRIVERS AREA
- OPERATIONS & MAINTENANCE AREA
- SITE ELEMENTS



System Planning



Planning Updates

- BC Transit Planning 101:
 - » Recommend and implement changes to routes, service levels
 - » Coordinate short and long term plans with local gov'ts
 - » Help implement stop infrastructure, expansion projects
 - » Review development referrals

- Procter and Harrop transit feasibility study → scheduled for 23/24



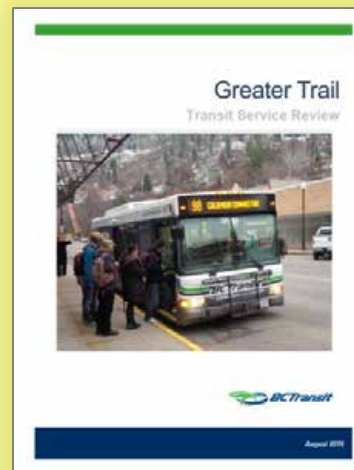
Completed Planning Work



2011/12



2021



2016



Future Plans



Completed Planning Work



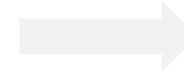
2011/12



2021



2016



**Service Priorities as
per Transit Future
Service Plan (2021)**

Future Plans



Service Priorities: CRITICAL FIXES

■ Connector Route (98, 99, future)

■ Frequent Transit Route

■ Local Transit Route - Ridership

■ Local Transit Route - Coverage

■ Paratransit Route

■ Health Connections Route

■ Targeted Transit Route

Proposed Service Change Option
99 Kootenay Connector - two new round trips
10 North Shore - Extension of the weekday 4:04 p.m. trip to Balfour
98 Columbia Connector - Introduce two new weekday trips
33 Selkirk College: Introduce two new weekday trips
2 Fairview - One additional morning weekday peak overload trip



Service Priorities: SHORT TERM

Connector Route (98, 99, future)

Frequent Transit Route

Local Transit Route - Ridership

Local Transit Route - Coverage

Paratransit Route

Health Connections Route

Targeted Transit Route

Proposed Service Change Option
53 Edgewood - Additional run time to address ferry runtime issues
Nakusp Local - Adjust service times to maintain service levels
Salmo ↔ Nelson - Introduce basic service between Salmo Ymir and Nelson; three round trips to coincide with high school start/end and office end time
15 Perrier - Discontinue service (will be served by the new Salmo service)
72 Salmo ↔ Nelson - Seek <u>permission</u> from Interior Health to adjust trip times and change the fare structure of Health Connections
Fruitvale ↔ Salmo - Extend service Fruitvale to Salmo
Castlegar Local - Extend evening service within Castlegar to better align with service standards and equity for customers.
Castlegar Local - Introduce additional peak service to distinguish route 33 from 98; improve route 32 Columbia and 36 Ootischenia;
98 Columbia Connector - All trips go to the College



Greater Trail Transit Service Review (2016)

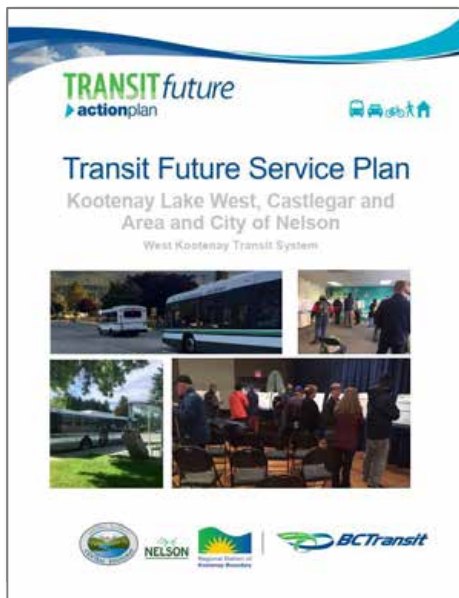
- Short-term: Consider introducing transit service to the Trail Regional Airport
- Short-term: Regular service between Rossland and Red Mountain
- Longer-term: Expansion on core transit routes
- Longer-term: Extend service from Fruitvale to Salmo



Service Expansion Process

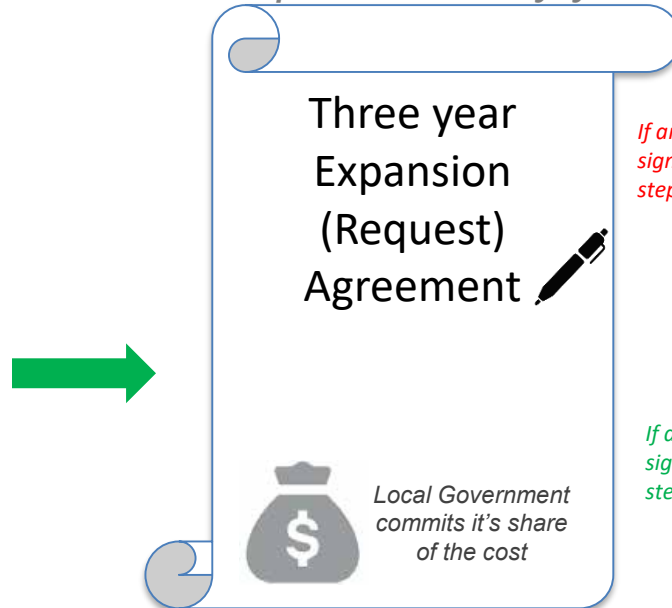
How do proposals in the plan get implemented?

Updated periodically



2021/22

Updated Every year

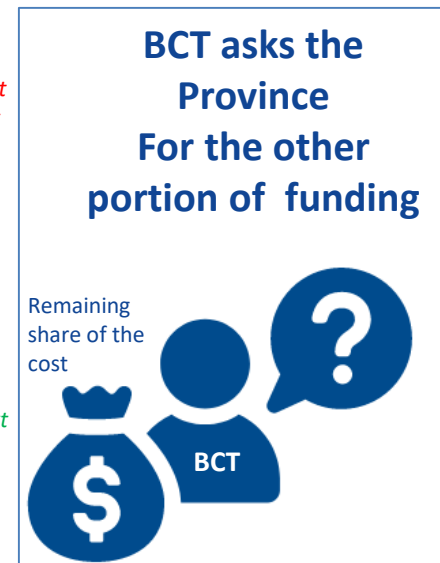


*If an agreement is not signed, then this next step will **not** occur*



*If an agreement is signed, then this next step **will** occur*

Happens for all requests



BC Budget Announced
3rd week of February every year

Service Expansion Timeline – e.g for 2023



Strategic Initiatives



NextRide



- Riders Hear and See Next Stop
 - » Visually on Public Information Display
 - » Audio announcements over the speakers internally and externally on the bus



NextRide



Options near
Selkirk College

33	Selkirk - To Comm Complex Student Residence	20 minutes
31	North Castlegar - To 32 Columbia Columbia / Selkirk	41 minutes
34	Kinnaird - Via Southridge Castlegar Comm Ctr	6 minutes
32	Columbia - To 31 N Castlegar Columbia / 1 St	67 LAST

Show inactive lines

TELUS 11:10 AM

44
minutes

Real-time vs schedule
How to track departures

Sunningdale - Via KBRH
Cedar / Farwell

- 1 min Sunningdale - Via KBRH
- 28 min KBR Hosp Only



Low Carbon Fleet Program:



Provincial carbon emission reductions targets:

- 16% by 2025
- 40% by 2030
- 60% by 2040
- 80% by 2050

BC Transit has committed to transition to an electric fleet by 2040





Thank You!

Daynika White

Manager, Government Relations - BC Transit

djwhite@bctransit.com

(672) 974-1176



Water Services Committee Open Meeting **MINUTES**

A Water Services Committee meeting was held on Wednesday, February 1, 2023 at 9:00 am PST by remote meeting due to Novel Coronavirus 2019 (COVID-19).

ELECTED OFFICIALS:	Director G. Jackman	Area A	In-Person
PRESENT	Director R. Tierney	Area B	
	Director k. Vandenberghe	Area C	
	Director A. Watson	Area D	
	Director C. Graham	Area E	
	Director T. Newell	Area F	
	Director H. Cunningham	Area G	
	Director W. Popoff	Area H	
	Director H. Hanegraaf	Area J	
	Director T. Weatherhead	Area K	
	Director A. Deboon	Town of Creston	
STAFF PRESENT:	S. Horn	Chief Administrative Officer	
	U. Wolf	General Manager – Environmental Services	In-Person
	Y. Malloff	General Manager – Finance, IT, ED	
	M. Morrison	Corporate Officer	
	A. Divlakovski	Water Operations Manager	In-Person
	E. Senyk	Water Services Liaison	In-Person
	N. Nick	Environmental Coordinator – Utility Services	In-Person
	S. Eckman	Meeting Coordinator	In-Person

1. **WEBEX REMOTE MEETING INFO**

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

Join by Video:

<https://nelsonho.webex.com/nelsonho/j.php?MTID=m34138f9899f8cc7be437be75f40ca711>

Join by Phone:

1-844-426-4405 Canada Toll Free

+1-604-449-3026 Canada Toll (Vancouver)

Meeting Number (access code): 2774 143 2185

Meeting Password: DVxa9HXTM93

In-Person Location: 202 Lakeside Drive, Nelson, BC

2. CALL TO ORDER & WELCOME

General Manager Wolf assumed the chair and called the meeting to order at 9:06 am PST.

3. ELECTION OF 2023 COMMITTEE CHAIR

3.1 Call for Nominations (3 Times)

General Manager Wolf called for nominations the first time.

General Manager Wolf called for further nominations the second and third time

3.2 Opportunity for Candidates to Address the Committee

No address.

3.3 Vote by Secret Ballot

No vote.

3.4 Declaration of Elected or Acclaimed Water Services Committee Chair

General Manager Wolf declared Director Newell being acclaimed as Chair of the Water Services Committee for 2023.

Carried

3.5 Destroy Ballots

No ballots.

4. CHAIR'S ADDRESS

Chair Newell thanked the Committee for their support

5. COMMENCEMENT OF REGULAR COMMITTEE MEETING

The Water Services Committee Chair assumed the chair.

5.1 Traditional Lands Acknowledgement Statement

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

5.2 Adoption of The Agenda

Moved and Seconded,

And Resolved:

The Agenda for the February 1, 2023 Water Services Committee meeting be adopted with the inclusion of the following:

- Agenda Item No. 5.4: Introduction of New Staff

Carried

5.3 Receipt of Minutes

The November 2, 2022 Water Services Committee minutes, have been received.

5.4 Introduction of New Staff

- Alex Divlakovski, new Water Operations Manager replacing Steve Ethier
- Nathalie Nick, new Environmental Coordinator – Utility Services replacing Alex Divlakovski
- Eileen Senyk, new Water Services Liaison replacing Tanji Zumpano

6. DRAINAGE, WATER AND WASTEWATER SYSTEM COMMUNITY ADVISORY COMMITTEE BYLAW

The following correspondence has been received:

- a. April 25, 2022 Committee Report from Tanji Zumpano, Water Services Liaison
- b. July 26, 2022 Committee Report from Tanji Zumpano, Water Services Liaison
- c. Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858 - DRAFT red-line version
- d. Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858, 2023

Moved and seconded,

And resolved that it be **recommended** to the Board:

That the Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858, 2023 be read a FIRST, SECOND and THIRD time by content.

Carried

Moved and seconded,

And resolved that it be **recommended** to the Board:

That the Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858, 2023 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

Carried

7. STAFF REPORTS

7.1 Water Operations and Capital Projects Update

The January 25, 2023 Committee Report from Alex Divlakovski, Water Operations Manager, providing an update to the Committee and highlight the larger maintenance and capital projects completed to date in 2023, has been received.

7.2 Water Quality Quarterly Report

The January 20, 2023 Committee Report by Nathalie Nick, Environmental Coordinator, Utility Services, summarizing water advisories issued from November 1, 2022 to January 31, 2023 for water systems operated by the Regional District, has been received.

8. NOVEMBER 2022 UTILITY SERVICES FINANCIAL STATEMENTS

The November 2022 Summary of Utility Services Financial Statements Budget & Expenditures to Date, has been received.

Meeting recessed from 10:16 am to 10:31 am PST for a break.

9. DRAFT 2023-2027 FINANCIAL PLAN

The following DRAFT 2023-2027 Financial Plans and documents have been received

- a. Service S251: Water Utility-Area B (Arrow Creek)
- b. Service S255: Water Utility-Area E (Balfour)
- c. Service S252: Water Utility-Area K (Burton)
- d. Service S248: Water Utility-Area F (Duhamel)
- e. Service S253: Water Utility-Area K (Edgewood)
- f. Service S250: Water Utility-Area B & C (Erickson)
- g. Service S254: Water Utility-Area K (Fauquier)
- h. Service S258: Water Utility-Area E (Grandview)
- i. Service S243: Water Utility-Area B (Lister)
- j. Service S247: Water Utility-Area J (Lucas Road)
- k. Service S246: Water Utility-Area D (MacDonald Creek)
- l. Service S165: Drainage-Area A (Riondel)
- m. Service S241: Water Utility-Area A (Riondel)
- n. Service S260: Water Utility-Area H (Rosebery)
- o. Service S242: Water Utility-Area A (Sanca Park)
- p. Service S245: Water Utility-Area H (South Slocan)
- q. Service S257: Water Utility-Area F (Woodland Heights)
- r. Service S256: Water Utility-Area J (West Robson)
- s. Service S244: Water Utility-Area G (Ymir)
- t. Summary of Draft 2023 to 2027 Utility Services Financial Plans
- u. Summary of Draft 2023 Utility Services O&M and Admin, and Capital Financial Plans
- v. Reserve Balances & Asset Management Plan Identified Required Contributions Summary

Moved and seconded,

And resolved that it be **recommended** to the Board:

That the Board direct Staff to prepare a report summarizing any major grant funds utilized towards RDCK owned water systems over the last decade for discussion at the October 4, 2023 Water Services Committee meeting.

Carried

10. FUTURE AGENDA ITEMS

1. Rescind Moratorium on Acquisitions Plan
2. Non-Profit Rates Policy
3. Decommissioning of Asbestos Cement Pipe Policy
4. Drinking Water Systems Pathogen Risk Water Quality Management Policy
5. Arrow Creek Water System Governance Review - Arrow Commission Establishment Bylaw Update
6. WaterSmart Program Plan
7. Include loans when reporting on reserves and contributions

11. PUBLIC TIME

The Chair called for questions from the public and members of the media at 11:55 am PST.

12. ADJOURNMENT

Moved and Seconded,
And Resolved:

The Water Services Committee meeting adjourn at 11:55 am PST.

CERTIFIED CORRECT

Approved by

Director Newell ✓
Chair, Water Services Committee
February 1, 2023 meeting

BOARD RECOMMENDATIONS AS ADOPTED AT THE FEBRUARY 1, 2023 WATER SERVICES COMMITTEE MEETING

RECOMMENDATION #1

That the Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858, 2023 be read a FIRST, SECOND and THIRD time by content.

RECOMMENDATION #2

That the Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858, 2023 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

RECOMMENDATION #3

That the Board direct Staff to prepare a report summarizing any major grant funds utilized towards RDCK owned water systems over the last decade for discussion at the October 4, 2023 Water Services Committee meeting.

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2858

A Bylaw to establish Drainage, Water and Wastewater System Community Advisory Committees for the purpose of providing community input regarding the operations and management of RDCK-owned utility systems.

WHEREAS existing and applicable water system Commissions of Management have been repealed following the establishment of the Water Services Committee in 2022;

AND WHEREAS Community Advisory Committees provide valuable community feedback and facilitate effective communication between the RDCK and community;

AND WHEREAS the RDCK Board, by its corporate powers, may seek advice from external stakeholder groups through a Community Advisory Committee;

NOW THEREFORE the Board of the Regional District of Central Kootenay (RDCK), in open meeting assembled, HEREBY ENACTS as follows:

COMMITTEES ESTABLISHMENT

- 1 Drainage, Water and Wastewater System Community Advisory Committees are hereby established for the utility systems listed in Schedule A to this bylaw.

DELEGATION OF AUTHORITY

- 2 The Drainage, Water and Wastewater System Community Advisory Committees are external advisory bodies only with no specific powers delegated to them by the RDCK Board.

APPLICATION

- 3 Within each service area a Community Advisory Committee (CAC) may be created for a drainage, water or wastewater system upon recommendation by the applicable electoral area director. A CAC is not required for the RDCK to operate the drainage, water or wastewater system. One CAC may serve multiple utilities, such as a combined water and drainage CAC.
- 4 The Drainage, Water and Wastewater System Community Advisory Committee shall provide constructive and objective input regarding matters related directly to their specific RDCK-owned system and to help facilitate effective communication with the community.
- 5 Each CAC shall work towards the overall benefit of their system(s) and support the goal of achieving full compliance with the regulations and guidelines that govern the management of water or wastewater systems.

MEMBERSHIP

- 6**
- (1) Members are appointed by resolution of the RDCK Board. Each CAC will include a minimum of three (3) and a maximum of six (6) community members, all of whom must reside within the utility service area or be the registered owner of property within the service area.
 - (2) The RDCK electoral area Director for the respective water system is not a member of the CAC. Director participation in CAC meetings is however encouraged.
 - (3) In the event of two or more small systems combining to form a single system, the Water Services Committee will revisit the membership of the CAC and may make recommendation to the Board to combine CACs if suitable and necessary.
 - (4) The term of a CAC member shall be three (3) years.

REMUNERATION

- 7** There shall be no remuneration to any CAC member for their service.

DUTIES OF THE COMMITTEE

- 8** Each CAC is assigned the following roles and responsibilities by the RDCK Board:
- (a) Liaise with water users on their particular systems and provide that input to the RDCK.
 - (b) Advise the RDCK on issues including, but not limited to: operations and maintenance policies; water conservation measures; capital works projects; cost recovery approaches; annual budgets; and bylaw and policy development.
 - (c) Members shall not interfere with the operations of the water or wastewater system, or perform any work on the water or wastewater system without the prior written consent of the Manager.
 - (d) The RDCK Board retains all decision-making authority relating to the planning, financing, operation, and maintenance of the water or wastewater system.
 - (e) For certainty the CAC will not consider any of the following matters unless CAC input is requested by the Manager:
 - award of contracts;
 - matters related to the employment of RDCK staff;
 - legal matters related to the utility systems;
 - media releases and public statements to the media;
 - emerging or ongoing issues related to specific individual water system users.

MEETINGS

- 9**
- (1) Each CAC will meet at the call of the RDCK General Manager of Environmental Services or designate, in consultation with the electoral area Director, with a minimum of one meeting scheduled annually for each CAC.
 - (2) All meetings will be open to the public, be held in a publicly accessible meeting place, and provide a remote attendance option.
 - (3) Meetings shall be held in accordance with the agenda and format provided by the RDCK General Manager of Environmental Services or designate. Meeting procedures are generally

in accordance with the informal nature of CAC meetings, and are at the discretion of the Manager. The RDCK Procedure Bylaw does not apply to Community Advisory Committees.

- (4) RDCK staff will create a written record of CAC meetings in the form of meeting notes. Meeting notes will accurately summarize the totality of input from CAC members, particularly where a consensus community opinion is not achieved on a given matter. Meeting notes will be recorded on a standardized RDCK template.
- (5) Meeting notes of each CAC meeting will be placed on the agenda for discussion at the next scheduled Water Services Committee meeting. The applicable electoral area Director will be invited to provide a verbal summary of the meeting and highlight any community concerns. Meeting notes will also be placed under 'Committees and Commissions-For Information' on the next Board agenda.
- (6) The RDCK General Manager of Environmental Services or designate is charged with scheduling and organizing all CAC meetings, and will provide a minimum of seven days notice to each CAC member. A discussion outline for each meeting will be distributed to members prior to the meeting.
- (7) No quorum is required at Community Advisory Committee meetings.
- (8) The General Manager of Environmental Services or designate shall convene the CAC meeting, facilitate the discussion, and create meeting notes. Alternately an electoral area Director may serve in the facilitator role, subject to staff availability to prepare the meeting notes.

SEVERABILITY

10 If any section, clause, sub-clause or phrase of this bylaw is for any reason held to be invalid by the decision of the court of competent jurisdiction, such decision shall not affect the validity of the remaining portion of this bylaw.

CITATION

11 This Bylaw may be cited as **Regional District of Central Kootenay Drainage, Water and Wastewater System Community Advisory Committee Bylaw No. 2858, 2023.**

READ A FIRST TIME this _____ day of _____, 2023.

READ A SECOND TIME this _____ day of _____, 2023.

READ A THIRD TIME this _____ day of _____, 2023.

ADOPTED by an affirmative vote of at least 2/3 of the votes cast this _____ day of _____, 2023.

Aimee Watson, Board Chair

Mike Morrison, Corporate Officer

Regional District of Central Kootenay
Schedule A - Drainage, Water and Wastewater System
Community Advisory Committees
To
Bylaw No. 2858

1. Balfour Water
2. Burton Water
3. Duhamel Water
4. Edgewood Water
5. Erickson Water
6. Fauquier Water
7. Grandview Properties Water
8. Lister Water
9. Lucas Road Water
10. McDonald Creek Water
11. Riondel Drainage & Water
12. Rosebery Highlands Water
13. Sanca Park Water
14. South Slocan Water
15. West Robson Water
16. Woodbury Village Water
17. Woodland Heights Water

Angela Lund

To: Stuart J. Horn
Subject: RE: RDCK Columbia Basin Regional Advisory Committee appointments

From: Cindy Pearce <cindypearce@telus.net>
Sent: Wednesday, January 11, 2023 2:47:44 PM
To: Aimee Watson; Stuart J. Horn
Subject: RDCK Columbia Basin Regional Advisory Committee appointments

CAUTION This email originated from outside the organization. Please proceed only if you trust the sender.

Dear Aimee and Stuart,

There's been some confusion regarding these appointments, for which the Steering Committee (SC) and Secretariat for the Columbia Basin Regional Advisory Committee (CBRAC) apologize. There is an opportunity for the RDCK to appoint a third CBRAC member if they wish.

Here is what has happened:

- The original CBRAC Terms of Reference included two members appointed by each Regional District.
- After a request from Aimee, the CBRAC SC approved an additional member from RDCK to represent the three areas impacted by Columbia River Treaty (CRT) operations (Duncan reservoir, Kootenay Lake and Arrow reservoir).
- Unfortunately, this is not reflected in the current [CBRAC Terms of Reference](#), which the RDCK used to appoint members recently based on the attached letter from the CRT Local Governments Committee. Consistent with the Terms of Reference, the RDCK appointed two members - Garry Jackman from the south end of Kootenay Lake and Teresa Weatherhead from rural Nakusp south.

The Terms of Reference will be updated to reflect the previous agreement, along with other recent revisions.

Please let me know if the RDCK wishes to appoint three members to represent the diversity of the area, and if so, when the appointment of a third member would be made.

We are sorry for any inconvenience this will cause you.

All the best,

Cindy Pearce
Executive Director
Columbia River Treaty Local Governments Committee
250 837-8505
cindypearce@telus.net



To: Stuart Horn, CAO/CFO, Regional District of Central Kootenay
Mark Andison, CAO, Regional District of Kootenay Boundary
Shawn Tomlin, CAO, Regional District of East Kootenay
CAO, Columbia Shuswap Regional District
Eric Depenau, CAO, Village of Valemount

Date: October 17, 2022

From: Linda Worley, Chair
Columbia River Treaty Local Governments' Committee

Subject: Appointments to the Columbia River Treaty Local Governments Committee and the Columbia Basin Regional Advisory Committee

In the weeks to come your Regional District (RD) and the Village of Valemount will make appointments to the [Columbia River Treaty Local Governments Committee](#) (LGC) and the [Columbia Basin Regional Advisory Committee](#) (CBRAC). We look forward to learning about these appointments as soon as possible so these committees can continue to work effectively during this important time while the Columbia River Treaty (CRT) is being negotiated.

The LGC asked that I provide the following information about the committees to you to share with your newly elected Regional District (RD) and Village officials as they consider these appointments.

1. LGC

The LGC was created in 2011 to provide a coordinated venue to:

- ensure local governments of the region are actively engaged in CRT related issues;
- create opportunities for dialogue and consultation with provincial and federal agencies around CRT related issues;
- work with CBT to create education and awareness activities in the Region to increase Local Government and Basin Residents understanding around CRT related issues;
- work to help Canadian Provincial and Federal agencies to understand regional views, values and interests with respect to the CRT; and
- create mechanisms that consider Basin Residents' views in any discussions related to the future of the CRT and where appropriate, advocate for specific interests of the region.

The 10 Committee members include two appointees from each of the four RDs and one from each of the Village of Valemount and the Association of Kootenay Boundary Local Governments. If an appointing organization is not able to appoint a currently elected official, the organization may appoint an individual who has been a Committee member in the past and who can meet the Membership Commitment requirements.

The LGC chooses its Chair and Vice Chair. A contracted, part-time Executive Director supports the LGC.

During 2011-2013 the Committee partnered with CBT and then the provincial CRT Review Team on community education and consultation sessions. Since 2014 the Committee has continued to work with the province on community education and consultation.

The LGC provided Recommendations on the future of the Treaty and domestic issues to the provincial and federal governments in December 2013 based on these consultations. These [Recommendations](#) were updated 2021.

Since 2014 the LGC has worked with the province and BC Hydro to create and support CBRAC and to resolve domestic issues.

More information about the LGC, including the [Terms of Reference](#) is available at our [website](#).

Currently the Committee meets up to twice a month for 1.5 hour Zoom calls. As well, the Committee has verbal updates with CRT Negotiating Team members after each negotiating session, for up to an hour. A one day, ideally face-to-face strategy session is held annually in late winter. Between meetings LGC members receive regular updates, with background reading materials. As well, annually there are a number of public events, which have been virtual in recent years, that members are expected to attend.

In addition, Committee members must invest substantial time outside of these meetings to become knowledgeable about the CRT and regional hydro operations, which is a complex and extensive topic. This background knowledge is especially important now that CRT negotiations are well underway and have advanced to the exchange of proposals. It is critical that new appointees are either already very knowledgeable about the CRT and regional hydro operations or are able to set aside ample time immediately to quickly come up to speed on these topics so they are able to effectively contribute to LGC decisions. The LGC will provide substantial background reading, links to important sources (currently 13 pages long) and several orientation webinars, however new members must devote many hours of their own time to absorb and understand this material.

The Committee's [Terms of Reference](#) provides more information, including outlining the Member Commitments; Conflict of Interest and Confidentiality Policy; and Code of Conduct.

2. CBRAC

CBRAC was created in 2014 by the Ministry of Energy, Mines and Low Carbon Innovation in cooperation with the LGC and BC Hydro to address community interests for:

- Improved understanding of and information sharing with respect to Columbia Basin hydroelectric operations with the goal of better informed operations planning, and
- Continued engagement of First Nations and communities throughout any future Columbia River Treaty negotiation process.

The membership includes:

- 20 individuals who responded to calls for Expressions of Interest and create balanced representation of the geography, interests, age and genders of Basin residents;

- two appointees from each of the four RDs;
- two appointees from each of the three First Nations claiming traditional territory in the Basin;
- one appointee from the Village of Valemount; and
- representatives from the government of Canada, Columbia Basin Trust, Fortis, and Columbia Power Corporation.

Local government appointees do not have to be elected officials.

The CBRAC Steering Committee includes two representatives from the Ministry; the LGC Chair, Vice Chair and Executive Director; and two representatives from BC Hydro. The Ministry provides secretariat services.

CBRAC has received extensive information about the CRT, the provincial hydroelectricity system and a range of topics that CBRAC identified as information priorities. Input has been provided to the Ministry on a range of CRT related topics.

There is more information about CBRAC's activities on its [webpage](#).

CBRAC's [Terms of Reference and Code of Conduct](#) calls for two day face-to-face meetings at locations around the Basin twice a year with webinars held intermittently as needed between these meetings. During the pandemic meetings have been mainly virtual, with one face-to-face meeting recently. This trend may continue for some time. A significant amount of pre-reading is expected of CBRAC members.

3. Links between LGC and CBRAC

The LGC strongly supports Regional Districts and the Village of Valemount appointing the same individuals to both Committees to maximize the links between the committees.

The LGC provides regular updates at CBRAC meetings and invites input from CBRAC members on their substantive work, including the Recommendations. Currently the LGC is working closely with CBRAC members on providing information to integrate [socio-economic interests](#) in the current CRT scenario modelling.

For more information, please contact me at 250-231-1300 or lworley@rdkb.com, or Cindy Pearce, LGC Executive Director at 250-837-8505 or cindypearce@telus.net.

Warm regards,

On behalf of the CRT Local Governments Committee



Linda Worley
Chair, CRT Local Government Committee
Chair, Regional District of Kootenay-Boundary

- c.c. LGC and CBRAC members appointed by RDs and Village of Valemount
Brooke McMurchy, CBRAC Secretariat, BC CRT Team

TERMS OF REFERENCE

Highway #3 Mayors and Chairs Coalition

Purpose:

To work collaboratively with all the local governments from Hope to the Alberta border to improve the Crowsnest Highway #3 corridor (including Highway #3A and #3b and other nearby communities such as Kimberley and Elkford) and to attract more visitors and residents to the area.

To work collaboratively with various Provincial ministries such as the Ministry of Transportation and Infrastructure, and the Ministry of Sport, Tourism and Culture to improve infrastructure, safety, services and tourism along the Highway #3 corridor.

To work collaboratively with like-minded organizations in Alberta along the Highway #3 corridor to proactively attract travelers to the route.

Rationale:

There is a wide range of ways in which cooperation among local governments could enhance and promote the Highway #3 corridor. Local governments working together can improve both the visitor and resident experience along the entire route.

Members:

- The Coalition shall consist of the Mayor or Council designate from each municipality along the corridor route.
- The Coalition shall consist of the Chair from each Regional District along the corridor route, or the Chair's alternate.

Structure:

- The Hwy #3 Mayors and Chairs Coalition chairperson and vice chairperson will be elected by the members of the group
- The chairperson and vice chair person will serve for a 2 year term and may be re-elected for subsequent terms.
- Voting: each member has one vote (1) however, where possible decisions shall be by consensus.
- A third of the members shall constitute quorum.
- The group will set their own schedule, define their own work-plan and meet as necessary. In general, a meeting shall be held in the spring to prepare for meetings with Provincial government officials. Meetings shall be set up at the annual meeting of the Union of British Columbia Municipalities.
- The local government from where the current Chair of this Coalition resides will be responsible for the general, high-level administration duties and/or activities of the Coalition.
- Meetings may be held in any municipality or regional district along the corridor at the discretion of the chairperson.

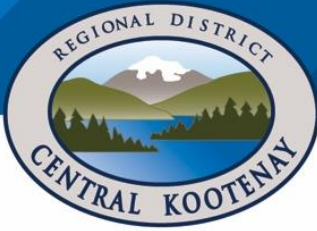
Duties:

- To work together as a group to establish a list of priorities to present to Provincial government ministries to improve the Highway #3 corridor.

- To work with local representatives of the Provincial ministries to achieve the goals established by the group.
- To improve communication between the member local governments and other stakeholders.
- To explore the areas in which local governments could collaborate to achieve the purposes as described above.
- To explore areas in which local governments could collaborate with the Province to achieve the purposes as described above.
- To work with local stakeholders and the Province to implement the Destination Development Plan (created with TourismBC in 2018)
- To create ideas to promote and market the Highway #3 corridor; to attract and retain new and existing businesses and take steps to pursue those ideas.

Term:

- Term will commence as soon as the members are selected.
- The Highway #3 Mayors and Chairs Coalition is an ongoing body that will serve indefinitely. Membership will change due to elections, resignations etc.
- Each local government is responsible for selecting and maintaining their representation.
- A Members' appointment may be revoked by a motion carried by a majority of the Coalition but only in cases of behavior deemed by the Coalition to be outrageous or disruptive.



Director's Report

Garry Jackman – Area A - Wynndel/
East Shore Kootenay Lake

Report Date: February 6, 2023

Columbia Basin Regional Advisory Committee (CBRAC)

A CBRAC meeting was held on 20 January 2023 where BC Hydro presented on the most recent efforts to explore dredging Grohman Narrows, and we received a high-level description of the Non-Power Uses Agreement (NPUA). CBRAC also met on February 3rd where we received an update from the representatives of the CRT negotiating team, following round 15 of negotiations.

I also sat in on both of the public engagement sessions held on the evenings of January 30th and February 2nd. The sessions were intended to cover the socio-economic performance measures but questions ranged well beyond the scope of what was presented. Recordings of the sessions and questions will be made available. For general information go to <https://engage.gov.bc.ca/columbiarivertreaty/info-sessions/>.

Regional Connectivity Committee (RCC)

We met on January 24th with the next meeting being set for March 13th. There has been quite a lot of analysis done on how to best serve our local households, so CBBC prepared the following speaking notes to bring us all up to date:

- There is currently an intake open to the Connecting Communities BC program. This program provides federal and provincial funds to bring eligible households high speed Internet connectivity.
- Eligible households to the program are identified by the federal government through their mapping of Canadian communities. This mapping identifies households deemed to be underserved, without access to speeds of at least 50/10 Mbps.
- According to the mapping, there are about 4,000 eligible households in the Basin. Those households are rural and remote.
- The most feasible and cost-effective approach to serving those households is with improved fixed wireless infrastructure, or other technologies, as opposed to fibre optic cable.
- The Trust is offering financial support to Basin ISPs that provide fixed wireless service and that intend to apply to the Connecting Communities BC program to serve eligible Basin households. This support will increase the ISPs' chances of success to the program.
- Given the high cost to serve remote households with fibre, the Trust is not applying to the Connecting Communities BC program with its own last mile fibre application.

For more information

info@rdck.bc.ca | 250.352.6665 | 1.800.268.7325 (BC) | or visit rdck.ca

- The Trust did submit a significant application to serve households in Basin rural areas with fibre to the Universal Broadband Fund, a federal funding program. That application continues to be under review.
- The Trust and the Regional Connectivity Committee will stay apprised of future connectivity funding opportunities.



Garry Jackman
Director of Electoral Area A – Wynndel/
East Shore Kootenay Lake

January 16, 2023

To whom it may concern

Dear grant reviewer:

RE: New Spaces Funding - Letter of Support for Kootenay Employment Services' proposal

As Director on the RDCK Board for Area A – Wynndel/East Shore Kootenay Lake, I am writing to demonstrate support for the funding application submitted by Kootenay Employment Services (KES) to construct a new 28 space childcare facility for the Creston Valley.

The Creston Valley has a population in and surrounding the Town of Creston of about 13,000, including close to half of the population of the electoral area which I represent. Recent census data has confirmed that the Creston area is seeing a reduction in the mean age, with many younger residents moving to the area. Yet facilities to support young families, such as childcare centers, have not kept pace with the changing population. Many young couples with children rely on a second income to make ends meet, while not all have the options of nearby family members to help with childcare. In addition, many single parents must work away from the home, again creating a demand for childcare spaces.

The critically low level of childcare available in our area is a serious concern. There are currently only 9 licensed spaces for children under the age of three. With this extreme shortage most families are forced to decide which parent will remain home from the workforce, and of course many single parents do not have this option. The impacts of this shortage reach all aspects of our community, from labour market shortages, physician recruitment, resident attraction and retention, and business sustainability. Ultimately, this shortage constitutes a significant hindrance to the health of our community.

KES has taken a leadership role to bring new spaces to Creston, bringing community partners together to brainstorm potential solutions to the existing childcare shortage. The KES team is knowledgeable and experienced in delivering quality childcare services. I fully support them in their application to the provincial New Spaces funding.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Garry Jackman".

Garry Jackman
RDCK Director Area A – Wynndel/East Shore Kootenay Lake



Garry Jackman

Director of Electoral Area A – Wynndel/
East Shore Kootenay Lake

February 6, 2023

Destination Development Fund
Kootenay Rockies Tourism

Dear grant reviewer:

RE: New Spaces Funding - Letter of Support for Kootenay Employment Services' proposal

As Director on the RDCK Board for Area A – Wynndel/East Shore Kootenay Lake, I am writing to demonstrate support for the funding application submitted by the Creston Valley Rod and Gun Club for their “Return of the Kokanee” project.

I have supported the recovery of Kokanee and Rainbow Trout in Kootenay Lake, in particular along the south arm where provincial actions appear to have been lesser than for the north end and west arm, for more than a decade. We had a dedicated group along the east shore of Kootenay Lake, the East Shore Freshwater Habitat Society, identify key spawning areas for both Kokanee and trout, participate in restocking efforts, monitor water quality to nationally recognized standards, apply for design funding and permits for spawning area enhancements and raise public awareness over the issues around fish population declines. During the COVID restrictions this group became inactive, so I am pleased to see the Creston Valley Rod and Gun Club emerge as a new voice, along with their provincial and indigenous partners, to raise awareness once again and take action.

The value of the fish stocks can certainly be measured in terms of their importance to tourism, which is a key objective of this destination development program, but the social and ecological benefits from fish stock restoration are also significant, so this project will yield multiple benefits for the region.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Garry Jackman
RDCK Director Area A – Wynndel/East Shore Kootenay Lake



Garry Jackman

Director of Electoral Area A – Wynndel/
East Shore Kootenay Lake

January 16, 2023

To whom it may concern

Dear grant reviewer:

RE: Letter of support for Kootenay Employment Services' Rural Entrepreneurship Development Program

As Director on the RDCK Board for Area A – Wynndel/East Shore Kootenay Lake, I am writing to confirm my support for Kootenay Employment Services' proposal to launch a Rural Entrepreneurship Development (RED) Program in our area.

For many years now our local governments in a subregion of the Regional District of Central Kootenay have collaborated to enhance our community well being across RDCK Electoral Areas A, B and C as well as the Town of Creston. We recognize the value of leveraging grant funding to serve a wide area which already has natural economic ties. Kootenay Employment Services (KES) has been an effective service provider in the past and is well positioned to serve our collective communities through the RED program.

The RED program will support new business start-ups in the Kootenays by offering program participants with the living supports and educational resources needed to develop and implement their business plans. Throughout the span of the 50-week program, participants will receive expert training in entrepreneurship and benefit from one-on-one coaching by business development and industry specialists. Three of the streams of the RED Program are targeted at building capacity and developing sector-specific skills in areas of critical skills shortages: childcare, green technology, and secondary food processing. The fourth and final stream of the program is aimed at broader economic diversification of our local economies. Greater economic diversification is a key development goal for our area. Increased diversification will ensure a more stable and resilient economy that is better able to withstand market volatility, the ravaging effects of climate change and national/international crises such as the COVID-19 pandemic. Recent changes to timber harvesting activities in our local forestry sector is but one more example of how an ever-shifting economic landscape necessitates successful economic diversification, especially in smaller rural centers.

Over the past years our region has seen significant population growth, particularly in the younger age groups, as opposed to a previous trend of youth moving away for careers in more urbanized areas. These new younger community members have placed increased pressure on the limited childcare services in our area, hence one focus of the program being to build capacity in the childcare sector. Agriculture has been a significant part of the local economy for decades, so with the increasing food supply chain issues and shipping costs it is another natural focus to enhance local food processing to obtain added value from local production.

I strongly encourage a funding award to KES for their Rural Entrepreneurship Development program. I anticipate that communities in our area will derive invaluable and long-lasting economic benefit from this project.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Garry Jackman', with a long horizontal flourish extending to the right.

Garry Jackman
RDCK Director Area A – Wynndel/East Shore Kootenay Lake



Director's Report

Roger Tierney – Electoral Area B

Report Date: February 6, 2023

Director's Activities

Director Tierney participated in the following during January 2023:

- Attended all RDCK committee meetings;
- Toured the Arrow Creek Water system;
- Columbian Basin Trust orientation;
- Fire Services Budget discussion;
- Emergency Preparedness meeting;
- Indigenous relations training;
- Cannibus Council meetings;
- Natural Boundary Seminar;
- Affordable Housing committee;
- Advertised, interviewed and recruited individuals for the Advisory Planning and Heritage Commission;
- Met with and advised 15 constituents on how to proceed with inquiries, applications, and projects;
- Toured the Yahk Community Hall;
- Attended Creston town council meeting;
- Attended Creston Airport Committee meeting;
- Attended Erickson History Book Committee meeting; and
- Worked on the CBT ReDi grant program.

For more information

info@rdck.bc.ca | 250.352.6665 | 1.800.268.7325 (BC) | or visit rdck.ca



Roger Tierney
Director of Electoral Area B

February 2, 2023

Dear Evaluation Committee,

RE: Letter of support - Creston Valley Rod and Gun Club Destination Development Fund Grant application for the Return of the Kokanee project

I am pleased to provide this letter in support of Creston Valley Rod and Gun Club's grant application for the Return of the Kokanee project. As the Director of Electoral Area B of Regional District of Central Kootenay, I can attest to the value of this application.

Electoral Area B includes Canyon, Erickson, Lister, Huscroft, Rykerts, Arrow Creek, Yahk, Goatfell, Kingsgate, Kitchener, Glenlily, Goat River Bottom, Lower Kootenay Band in which approximately 4800 people reside.

The Regional District of Central Kootenay was incorporated in 1965 and is a local government that serves an estimated population of 60,000 residents. Our region consists of 11 electoral areas and nine member municipalities.

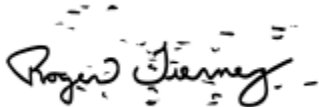
The mission of the Regional District of Central Kootenay is to provide area residents and communities with services, governance and representation in a manner that supports the economic, social, and environmental goals of the region.

The **Return of the Kokanee** project will restock the north and south end of the Kootenay Lake with Kokanee Salmon fish eggs. This will in turn support the recovery of Kokanee and World Class Gerrard Rainbow Trout on Kootenay Lake. I feel this project and the return of the Kokanee and Gerrard Rainbow Trout will increase annual tourism benefit through annual angler expenditures. This project is an essential contributor to the recovery of fishing tourism in our area. This project aims to support collecting and stocking Kokanee eggs to drive fishery recovery and increase tourism, equivalent to \$3 million in direct annual benefit.

The Return of the Kokanee project can form a part of reconciliation because the recovery of the Kokanee Salmon population in Kootenay Lake and tributaries is an initiative that the Lower Kootenay Band strategic plan has identified.

As the Area B Director and RDCK representative, I strongly encourage a funding award to Creston Valley Rod and Gun Club's grant application for the Return of the Kokanee project. We anticipate that communities in our area will derive invaluable and long-lasting economic benefit from this project.

Yours sincerely,

A handwritten signature in black ink that reads "Roger Tierney". The signature is written in a cursive style with some ink bleed-through from the reverse side of the page.

Roger Tierney

Director of Electoral Area B

4690 Samuelson Road Canyon, BC V0B 1C1

Phone: 250.215.0666 | Email: rtierney@rdck.ca | Fax: 250.352.9300



Roger Tierney
Director of Electoral Area B

January 16th, 2023

Dear Evaluation Committee,

RE: Letter of support for Kootenay Employment Services' Rural Entrepreneurship Development Program

I am pleased to provide this letter in support of Kootenay Employment Services' proposal to launch a Rural Entrepreneurship Development (RED) Program in our area. As the Director of Electoral Area B of Regional District of Central Kootenay, I can attest to the value of this proposal.

Electoral Area B includes Canyon, Erickson, Lister, Huscroft, Rykerts, Arrow Creek, Yahk, Goatfell, Kingsgate, Kitchener, Glenlily, Goat River Bottom, Lower Kootenay Band in which approximately 4800 people reside.

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The mission of the Regional District of Central Kootenay is to provide area residents and communities with services, governance and representation in a manner that supports the economic, social and environmental goals of the region.

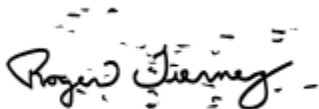
The RED Program will support new business start-ups in the Kootenays by offering program participants with the living supports and educational resources needed to develop and implement their business plans. Throughout the span of the 50-week program, participants will receive expert training in entrepreneurship and benefit from one-on-one coaching by business development and industry specialists.

Three of the streams of the RED Program are targeted at building capacity and developing sector-specific skills in areas of critical skills shortages: child care, green technology, and secondary food processing. The fourth and final stream of the program is aimed at broader economic diversification of our local economies.

Greater economic diversification is a key development goal for our area. Increased diversification will ensure a more stable and resilient economy that is better able to withstand market volatility, the ravaging effects of climate change and national/international crises such as the COVID-19 pandemic. Recent changes to timber harvesting activities in our local forestry sector is but one more example of how an ever-shifting economic landscape necessitates successful economic diversification, especially in smaller rural centers.

As the Area B Director and RDCK representative, I strongly encourage a funding award to KES for their Rural Entrepreneurship Development program. We anticipate that communities in our area will derive invaluable and long-lasting economic benefit from this project.

Yours sincerely,

A handwritten signature in black ink that reads "Roger Tierney". The signature is written in a cursive style with some ink bleed-through from the reverse side of the paper.

Roger Tierney

Director of Electoral Area B

4690 Samuelson Road Canyon, BC V0B 1C1

Phone: 250.215.0666 | Email: rtierney@rdck.ca | Fax: 250.352.9300



Director's Report

Aimee Watson– Area D

Report Date: February 2023

Columbia River Treaty- Local Governments Committee

CRT-LGC has been ramping up activities with 5 committee meetings + 2 public workshops within the last month. While content of our committee meetings and negotiations are confidential, there is lots of to share in terms of recommendations, background information and a public engagement process.

Public workshops focused on the socio-economic performance measures, one for the Columbia region and one for the Kootenay region. To read about the process and provide feedback:

[CRT LGC | Columbia River Treaty Local Governments Committee](#)

Canada-U.S. negotiations to modernize the Columbia River Treaty

- B.C. Columbia River Treaty website: <https://engage.gov.bc.ca/columbiarivertreaty/>
- Questions: columbiarivertreaty@gov.bc.ca

Exploring ecosystem improvements through a modernized Columbia River Treaty

- June 2022 Information Session recording and materials: <https://engage.gov.bc.ca/columbiarivertreaty/2022/06/15/exploring-ecosystem-improvements-through-the-columbia-river-treaty/>

Salmon Restoration

- Columbia River Salmon Reintroduction Initiative: <https://columbiariversalmon.ca/>

Low water levels in the Columbia region

- Questions, or to subscribe to BC Hydro email updates on reservoir level forecasts for the Upper or Lower Columbia: email southern-interior.info@bchydro.com or phone 250 365 4565

Columbia Basin Trust

I have been re-appointed to the CBT board as the RDCK representative, January board was our first for 2023 which I attended remotely January 27th and 28th. The agenda and materials for the CBT are also confidential but staff will provide a summary I can forward to the board and the community once I receive it. In the meantime, CBT is embarking on the review of the Columbia Basin Management plan through the Our Trust Our Future engagement process. To check when and where to provide your input, go here:

[Home - Our Trust, Our Future](#)

Lardeau Valley Grid Resilience Program

In conjunction with Lardeau Valley Opportunity Society, we have created a program that will support those facing reliable grid barriers. Similar to Fire Smart, this program would provide an assessment of options for

For more information

awatson@rdck.bc.ca | 250.304-5842

back up power to residents within the Lardeau Valley, should funding be approved. I have committed, from Area D Community Development funds, \$50,000. Stay tuned and fingers crossed!

Annual Budget Process

We are quickly moving through the annual budget process.

North Kootenay Lake Shared Services committee, which is me and Mayor Hewat for the Village of Kaslo, have met three times thus far to review annual requests for internal and external services.

Kaslo and Area D share 5 services. These are specific to our sub-region. We both participate in larger service areas for a further 9 services through the RDCK. Area D has an additional rural area only services such as planning and land use and mosquito services. In total, Area D has 24 services, not all apply across the full area.

Kaslo and Area D Shared Services

1. Library

2022 budget: \$111,292

2023 draft: \$118, 100 + additional grant funds ear marked at \$40,000 for new library

2. Fire

2022 budget: 414,292 + additional grant funds of \$10,000 for new AED's

2023 draft: 449,911

3. Search and Rescue (Jaws of Life)

2022 budget: 25,495 + additional grant funds of \$25,000 for new building and \$2000 for first aid kits

2023 draft: 27,000

4. Economic Development

2022 budget: 20,581 +additional grant funds of \$40,000 annually for 4 years through for the Famer Innovation program which has now ended.

2023 draft: 20,581 + additional grant funds of \$50,000 for Grid Resiliency program

5. Parks and Recreation (4 community halls, 2 sports arena, 3 RDCK parks, 1 kaslo park, 1 rec service grant program)

2022 budget: 241,976 + additional grant funds of \$33,400 for halls and \$5,000 for park amenities

2023 draft: 247,970 + additional hall grants will be determined post the Resident Directed grant program. \$6700 is committed for park amenities.

For Area D specific services, I have confirmed both mosquito budgets (Lardeau Valley, PineRidge), two water systems (Woodbury and MacDonald Creek) and the Ainsworth/Woodbury fire response service.

1. LV Mosquito (this service requires a grant from Area D for full operations) Also, this service will see some changes in 2023, will update the residents in my next Directors report. THANK YOU to engaging locals who brought forward creative ideas and historical context to fine tune our most challenging service.

2022 budget: 68,000 + grant: 22,000

2023 draft: 70,000 + grant: 40,000

2. Pineridge Mosquito

2022 budget: 13,300

2023 draft: 13,885

3. Woodbury Water (this service has had significant grants for both waterline relocation request from developer and the planned capital upgrades to the treatment plant)

2022 parcel tax: 17,466 + additional grant total (3 steams): 376,971

2022 user fees: 34,608

2023 draft parcel tax: 17,466

2023 draft user fees: 37,486

4. MacDonald Creek (this service is contracted out to the Village of Kaslo with distribution lines covered through Area D taxation. Residents will receive both an RD and a Village of Kaslo bill for the two aspects of delivery, parcel tax through the RDCK, user fees through Kaslo)

2022 parcel tax: 30,774

2023 draft parcel tax: 30,774

As for the rest of Area D services, such as sustainability, resource recovery, general administration, rural administration etc., we will be reviewing those budgets at our 2nd board budget meeting on February 17th. As all meetings are, this one as well is open to the public.

Our Kaslo and Area D Public budget meeting- online or in person at Kaslo Village Hall, will be on February 22nd at 6pm. <https://www.rdck.ca/EN/meta/events/events-list/budget-meetings/public-budget-consultation-kaslo-area-d.html>

To see the RDCK financial plan, Area D is page 4: [2022-2026 Draft Financial Plan for Print.xlsx \(rdck.ca\)](#)



Aimee Watson

RDCK Director of Electoral Area D

January 31, 2023

Destination BC
Destination Development Fund

To Whom it May Concern,

Re: Ainsworth Museum Project

As the Area D, North Kootenay Lake, elected representative, I support the application to Destination BC's for JB Fletchers Museum located in historic community of Ainsowrth . In addition to a letter of support, I as well, will commit \$7500 of grant funds through the Regional District of Central Kootenay to support this work. Once approved, the RDCK process for application will begin.

As a critical component to the region's history, both settler and indigenous, the JB Fletchers store has been lovingly returned to its authentic history. Thanks to the initiative of the volunteers for JB Fletchers, they were the first to request a Heritage Register for the RDCK and successfully, were the first ones on the registry. Leaders not only in local history but in our region's need to recognize the importance of the past.

To compliment the beautifully restored building, the many artifacts found throughout the restoration work are now ready for public viewing. A combination of the history of Ainsworth and surrounding area and including the mining history as well as artifacts that represent the past commercial endeavors in the area. There are also indigenous artifacts that will be on display in the space along with the history of the indigenous peoples from this region. I have been assured that consultation with local first nations will occur to respect their wishes with these artifacts.

I salute the tireless and extenuating hours volunteers have put in to save this wonderful piece of Kootenay Lake history and very much look forward to old items being brought back to life for the community to learn from and celebrate!

Sincerely,

A handwritten signature in blue ink, appearing to read "Aimee Watson".

Aimee Watson
Area D Director



Aimee Watson
Director of Electoral Area D

January 17, 2023

RE: Morrow BioSciences LTD. Drone support project

To Whom it May Concern:

As Area D Director, I am writing to provide my strong support for Morrow Biosciences Ltd. (MBL), in their funding application to the Columbia Basin Trust (CBT) Business SMART Grant.

The Lardeau Valley, which is comprised of 7 communities with 400+ residents, are impacted by both tributaries to the Duncan Valley and the operations of Duncan Dam. The Mosquito Control Program (the Program) is a service that was brought in via referendum in the early 1990's. This Program has for the past 22 years been provided through MBL, which uses Integrated Pest Management in an effective, safe, and environmentally responsible manner. The Program uses host specific BTi which has been shown to only affect mosquito's with no carcinogenic effects such as other pesticides most mosquito abatement programs use, ie: malathion.

The ability of the program to be targeted as possible relies on regular sampling, which then determines when, where and how treatments are needed with either hand or aerial applications. The preferable treatment is hand application to again, be target specific, reduce use of pesticide and to reduce expenses to the service.

MBL is known for their work in healthy wetland production and works closely with the various entities who manage conservancy land in the area. As wetlands build up and natural predators are increased, we aim to see a reduction in the need for mosquito abatement. However, with known West Nile virus in the West Kootenay, it is a health measure as much as it is to manage nuisance mosquitoes.

As mentioned, the Program is dependent on some helicopter aerial applications to maximize distribution area during high water flows when access to high larvae sites is not accessible by foot. This generally occurs when freshet and high dam releases combine to increase the flooded land at the base of the Duncan Valley.

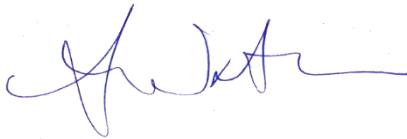
Helicopter aeriels, while necessary; are very expensive, disruptive to the community, livestock, and wildlife; and generate significant GHGs. With costs for helicopters increasing 3x the amount in the past two years combined with several years of a lack of available helicopters during wildfires helicopter applications are not reliable, affordable, or ethical. RDCK staff and myself as Area Director are are keen and grateful to see Morrow Bioscience's work diligently to find climate and budget friendly options to maximise efficiencies for the mosquito abatement service.

Drone aerial applications offer many operational, financial, and environmental benefits such as reduced GHG emissions, costs, pesticide use, noise and impacts to residents, livestock and wildlife; higher accuracy and flexibility in treatment timing; and an ability to fly closer to residential areas.

Having spent much time in the Lardeau Valley in spring and summer, I cannot understate the importance of the Program (per household, the RDCK's most expensive service) in this area, which suffers terribly in bad mosquito seasons; last year there were long stretches where businesses were severely impacted and had to close and residents were unable to get outside to take care of their properties, garden or recreate. During such years, with aerial cost overruns, I typically subsidize costs through discretionary grants.

I am in full support of improving the efficiencies of the Program through the introduction of drone applications and ask that CBT consider funding this project to support both improvements to the environment, local economy, and community well-being for the residents of the Lardeau Valley.

Sincerely,



Aimee Watson

Director – Electoral Area D



Aimee Watson
Director of Electoral Area D

January 17, 2023

CBT Business SMART Grant

Re: Selkirk Snowcat Skiing Microhydro Expansion

Area D is comprised of 24 unincorporated communities stretching from Ainsworth to Gerrard, the largest electoral area with some of the most remote communities in the Regional District of Central Kootenay.

Economic diversification post resource extraction downturn has been a significant need for the Lardeau Valley. Compounded by frequent power outages despite having a Columbia River Treaty dam that defined much of the current service delivery for the region, businesses are equally challenged by geography and stable baseline services. Various forms of back country tourism are a natural fit for the region, when Selkirk Snowcat Skiing started their world-renowned venture, it was well before social media promoted the beauty of the remote mountains. Pioneers in a new, healthy economy before we knew what it looked like, I salute the past and present stewards of this wonderful venture that provides significant jobs for the Lardeau Valley.

As Area D Director, I have been working for 4 years in the Lardeau Valley region to improve grid resilience and alternative power options, this project is complementary to the work already being done. I am happy to support this project, future research and development into hydrogen fuel and EV snow vehicles to decrease the environmental footprint and increase the long-term resilience of Selkirk Snowcat Skiing.

Noting much of the region depends on diesel for alternative power, expansion of the Selkirk Snowcat Skiing micro-hydro system is critical to reduce diesel consumption. As our Grid Resilience project for Lardeau Valley looks at multiple ways to build back up power, with reduced GHG emissions, the work of SSS will continue to benefit much more than their business, it builds capacity for the communities in the Lardeau Valley. Mechanized skiing is an important industry in our region and provides much employment and influx of revenue. This project is an exciting pilot for how fossil fuel usage can be significantly reduced and fits perfectly with the RDCK commitment to becoming carbon neutral by 2050 while achieving balance between sustainability and industry.

Sincerely,

A handwritten signature in blue ink, appearing to read "Aimee Watson".

Aimee Watson
Director – Electoral Area D



Cheryl Graham
Director of Electoral Area E

February 6, 2023

Dear Evaluation Committee:

RE: Letter of Support – Creston Valley Rod and Gun Club Destination Development Fund Grant Application for the RETURN OF THE KOKANEE PROJECT

I am pleased to provide a letter of support for the above-mentioned project.

As the Director of Electoral Area E, this includes the areas of Balfour, Procter, Harrop, Blewett, Queens Bay and Long Beach.

The return of the Kokanee project aims to restock the North and South Ends of Kootenay Lake with Kokanee Salmon fish eggs. This in turn will support the recovery of the Kokanee and World Class Gerrard Rainbow Trout across Kootenay Lake. I believe this project and the return of the game fishing will increase tourism and benefit our local economy in many ways as well as support community among our many local anglers. Fishing is a great past time and recreational activity for our area residents that promotes health and wellness while connecting with our lake environment.

This project is an essential contributor to the recovery of the fishing tourism in our area. This project aims to support collecting and stocking Kokanee eggs to dive fishery recovery and increase tourism with a projected increase of \$3 million dollars in direct annual benefits.

Many businesses in Area E would directly benefit from the increase in fishing tourism. I strongly encourage a funding award to the above-mentioned project. We anticipate long lasting economic benefits to Area E and beyond.

Sincerely,

A handwritten signature in blue ink, appearing to read "Cheryl Graham". The signature is fluid and cursive, with the first letters of the first and last names being significantly larger and more stylized.

Cheryl Graham
RDCK Area E Director



Hans Cunningham
Director of Electoral Area G

February 7, 2023

David Heyduck
Huts Director, Kootenay Mountaineering Club
Box 3195
Castlegar, BC V1N 3H5

RE: Destination Development Fund Application to rebuild Kootenay Mountaineering Club's Huckleberry backcountry hut

Hello David,

This communication is to serve as a letter of support for the Kootenay Mountaineering Club's (KMC) application to the Destination Development Fund on behalf of Area G, Regional District of Central Kootenay (RDCK), the area in which the hut will be located.

I am well acquainted with the KMC and its ongoing work to promote outdoor recreation in the West Kootenay region and with its five year plan to rebuild the now aging backcountry hut network in the Bonnington range.

The district was pleased to have been a funding partner for the reconstruction of the Grassy Hut in 2020, to have seen the hut completed and in full use. Grassy Hut was a fine example of a successful partnership between KMC, the Regional District, the Columbia Basin Trust and the Ministry of Forests.

I fully support the next stage of rebuilding the Bonnington Hut network. This is a precious tourism asset for our region. I understand that KMC intends to convert the existing Huckleberry Hut into a historic site to recognize its 100 year history as a mining and prospecting waystation. That itself will be an attraction!

Best wishes with your application.

Hans Cunningham



Walter Popoff
Director of Electoral Area H

January 22, 2023

File: 230122

North Slokan Trails Society,
Attn: President Mike Koolen,
PO Box 213,
New Denver, BC.

Dear: Mr. Koolen

Re: Butter Me Up aMTB trail completion project.

Please consider this as my support for the North Slokan Trails Society's grant application to the Destination Development fund for completing the climbing/aMTB trail 'Butter Me Up' project in the Ranch Ridge Area above Rosebery. 'Butter Me Up' will compliment the four existing trails in the vicinity and the viewpoint pavilion destination will create a local hub for the trail network.

Mountain biking is very popular and one of the fastest-growing healthy outdoor activities in Canada. I believe NSTS' proposed expansion of inclusive and family-friendly trails will appeal to both local and visiting riders, providing much-needed social and economic benefits to the Area.

The NSTS has been building and upgrading trails in the Slokan Valley since 2010 and has proven to be experienced and capable trail stewards. Their work has received praise from trail users, both local and visiting. I am confident that the quality of work will continue to be enduring and of high standard.

Sincerely,

Walter Popoff
Digitally signed by Walter Popoff
DN: cn=Walter Popoff, o=RDCK, ou=Area H,
email=wpopoff@rdck.bc.ca, c=CA
Date: 2023.01.22 15:57:45 -08'00'

Walter Popoff
Regional District of Central Kootenay
Area H



Walter Popoff
Director of Electoral Area H

File No. 230122

January 22, 2023

Frank Barnes, President,
Sandon Historical Society
sandonmuseum@netidea.com

Dear: Mr Barnes

Re: Sandon Rejuvenation Project

Please consider this as my letter of support for your grant application to the Destination Development fund to expand, improve and promote heritage tourism facilities in the historic ghost town of Sandon BC.

As Area H Director, I am happy to see well-planned investment in tourism that will deliver an economic boost to our rural region and impact positively the local community.

The Sandon Historical Society is a community-based, non-profit society dedicated to preserving, building, and keeping the legacy of the historic mining town alive.

This rejuvenation project, with the completion of the replica Burns & Atherton buildings, will give Sandon a fresh aesthetic look and complete a BC Government-backed project started almost 30 years ago by then Tourism Minister Bill Barlee.

Very few original buildings remain in Sandon, these replica buildings situated alongside the Society's Museum on Carpenter Creek in the centre of the townsite will bring some historical vision and add greatly to visitor experiences.

I look forward to seeing this project progress, and thank you for considering my letter of support for this project.

Sincerely,

Walter Popoff

Digitally signed by Walter Popoff
DN: cn=Walter Popoff, o=RDCK,
ou=Area H,
email=wpopoff@rdck.bc.ca, c=CA
Date: 2023.01.22 16:00:23 -08'00'

Walter Popoff
Regional District of Central Kootenay
Area H (Slocan Valley)

Regional Innovation Chair in Regional Economic Development January 2023 Regional Advisory Committee Meeting Public Update and Opportunities

1. New Regional Advisory Committee Members

- Three new people have joined the Regional Advisory Committee
- The committee now includes:
 - Aidan McClaren Caux, Regional District Central Kootenay
 - Gerri Brightwell, Province of British Columbia
 - Grace McGregor, Regional District Kootenay Boundary
 - Lorri Fehr, Kootenay Association for Science and Technology
 - Robyn Peel, Community Futures East Kootenay
 - Thomas McDonald, Regional District East Kootenay

2. Selkirk Innovates Advanced Computing Team

- Jonathan Doyle, Lead of the Advanced Computing Team at Selkirk Innovates, joined the meeting.
- Advanced computing can take on many forms - whether you need to create new software to tackle a complex problem, collect and analyze current or historical data, reverse engineer a computer system or optimize a process or workflow using artificial intelligence.
- Visit: <https://selkirk.ca/advanced-computing>
- If anyone has a project or potential project that relates to advanced computing, they can connect with Jonathan directly (jdoyle@selkirk.ca) or email Innovates@selkirk.ca.

3. Selkirk Innovates Highlights

- State of the Basin overview and updates
 - Please share our Snapshot Report:
https://stateofthebasin.ca/statics/reports/SotB_SnapshotReport_2021.pdf.
 - Sign-up to receive updates at <https://stateofthebasin.ca> .
 - Some recent indicator updates include: [College Enrollment](#); [Low Income Measure](#); [Climate Change](#); [Housing Stock Diversity](#); [Parks Visitation](#); [Family Characteristics](#); [Income](#)

4. Report on RIC activities since last meeting

- Year 2 Final Report of RIC activities is attached and can be shared.
- New Kootenay Youth Entrepreneurship Program: Collaborative project with the Kootenay Association for Science and Technology and College of the Rockies, working on a project supporting development of entrepreneurial skills in youth.
 - Folks can learn more and register at:
https://form.jotform.com/223266029906256?fbclid=IwAR2pqQhavTAFNdWd28ClglL_uGE4VDpwzXV5Gx9Kx6KjqRh3o_5H2nxa5bc
- Recent publication of an article on rural barriers to transit:
<https://ojs.library.queensu.ca/index.php/cpp/article/view/15783>

BC REGIONAL INNOVATION CHAIR
IN RURAL ECONOMIC DEVELOPMENT

2021/22 Annual Report



Dr. Sarah-Patricia Breen



On behalf of Selkirk College, I (we) acknowledge that we operate and serve learners on the unceded traditional territories of the Sinixt (Lakes), the Syilx (Okanagan), the Ktunaxa, and the Secwépemc (Shuswap) peoples.

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Chair Progress Report

Chair Title: BC Regional Innovation Chair in Rural Economic Development

Institution: Selkirk College

Department: Selkirk Innovates

Chairholder: Dr. Sarah-Patricia Breen

Chair Start Date: October 8, 2021

Report Date: January 5, 2022

Period Covered by Report: October 1, 2021– September 30, 2022

Welcome!

I am pleased to present my second annual report as the BC Regional Innovation Chair in Rural Economic Development.

My second year in the Chair position brought many exciting opportunities, including the ability to once more join colleagues and partners in person. For example, I was thrilled to be invited to speak as part of the Rural Plenary at the Federation of Canadian Municipalities conference in Regina, SK in June of 2022.

It was an exciting year at Selkirk Innovates, with a wide range of new, completing, and ongoing projects that stretch across disciplines, but all contribute to rural economic development.



Speaking at FCM Rural Plenary in June 2022

Over the past year I have collaborated on and led multiple activities and projects on a range of topics, including: connectivity, rural funding, tourism, rural climate adaptation, the influence of technology on the mining sector, youth entrepreneurship, and more. I am proud of the work that my students, colleagues, partners, and I have accomplished.

I hope you enjoy reading the highlights of this past year, and I look forward to another exciting year in 2022/2023.

Dr. Sarah-Patricia Breen

Chairholder Report

1. Primary Objectives and Expected Outcomes

The Regional Innovation Chair (RIC) in Rural Economic Development is an endowed research chair position established in 2005 through the combined efforts of Selkirk College, the Kootenay-Boundary region, and the Leading Edge Foundation through BC’s Innovation Council. The overarching goals of the RIC are to:

- Develop capacity in the region for sound decision-making through the provision of relevant research data and analysis, together with related skill and capacity development;
- Assist in the diversification of the regional economy through the promotion of innovation and technology transfer in existing and new enterprises; and
- Support provincial and national networks that undertake applied research on the revitalization of high amenity, highly rural communities and regions.

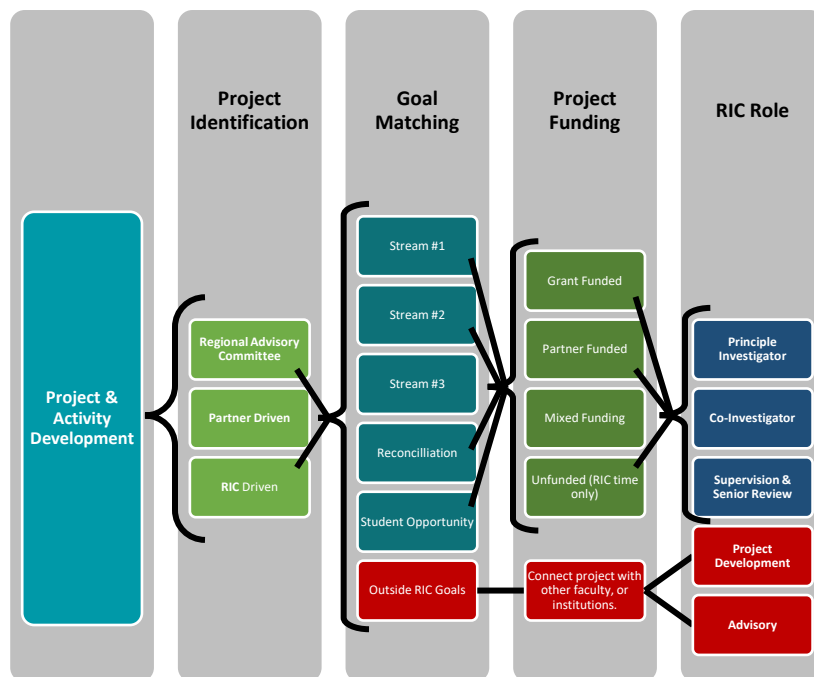
My 2020 Research Proposal (*Realizing Rural Resilience*) identified 3 research streams:

1. **Mobilizing human capacity:** assess and build an understanding of the changing economic development landscape in order to identify opportunities to enhance regional capacity.
2. **Developing in the age of disruption:** better understand how to mobilize technological disruption to the advantage of business, industry, and communities.
3. **Building the future:** explore alternative approaches to infrastructure in support of future rural economic development.

Additionally, I identified two overarching goal areas for development:

4. **Reconciliation and engagement with First Nations:** build relationships with the First Nations in the region.
5. **Student Involvement:** develop a research group comprised of a range of students, from Selkirk College and other post-secondary institutions.

Research projects can be identified through a number of pathways, but a project must align with at least one of the research streams. The figure below illustrates the process for project development, including the types of projects.¹



¹ The Regional Advisory Committee was re-established in January 2021 with a new terms of reference.

2. Research Results

The following section summarizes the results of research projects during the reporting period. Other activities are discussed in subsequent sections. Immediately below is an at a glance summary of projects and proposals from 2021/22. Following the table is further detail on the three research streams.

2021/22 Projects at a Glance	
<ul style="list-style-type: none"> Total from reporting period (22) <ul style="list-style-type: none"> Completed: 12 In Progress: 10 Completed projects since year 1: 23 	<ul style="list-style-type: none"> RIC Role <ul style="list-style-type: none"> Principle Investigator: 8 Co-Investigator: 7 Supervisory / Advisory: 7
2021/22 Proposals at a Glance	
<ul style="list-style-type: none"> Total from reporting period (17) <ul style="list-style-type: none"> Under Review: 3 Approved: 5 Unsuccessful: 7 Invited, but did not apply: 2² 	<ul style="list-style-type: none"> Type <ul style="list-style-type: none"> Academic Funding: 10 Non-Academic Funding: 4 Request for Proposal: 3

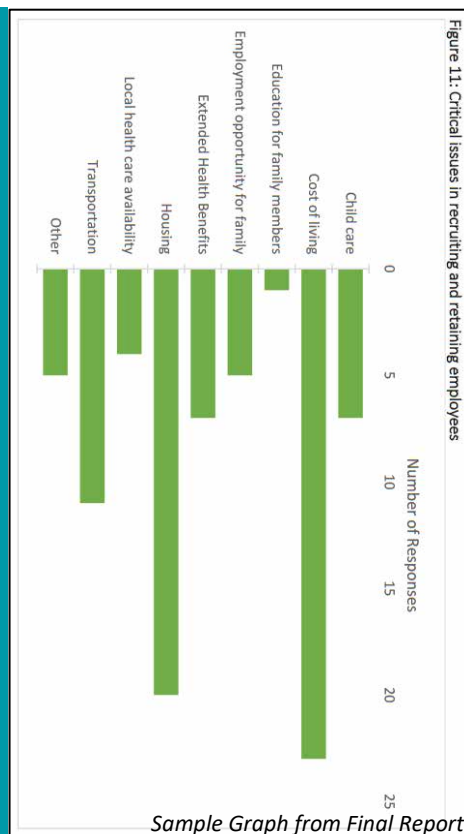
Research Stream #1: Mobilizing Human Capacity

Activities and projects within this research stream focus on the guiding question of how can we build and leverage human capacity under conditions of rapid change? Topic areas under this research stream include: workforce, economic sectors, entrepreneurship, data, food systems, and capacity building within rural economic development.

Sample Project:

COMPLETE – The Economic Conditions of the Nelson and Area’s Arts, Culture and Heritage Sector

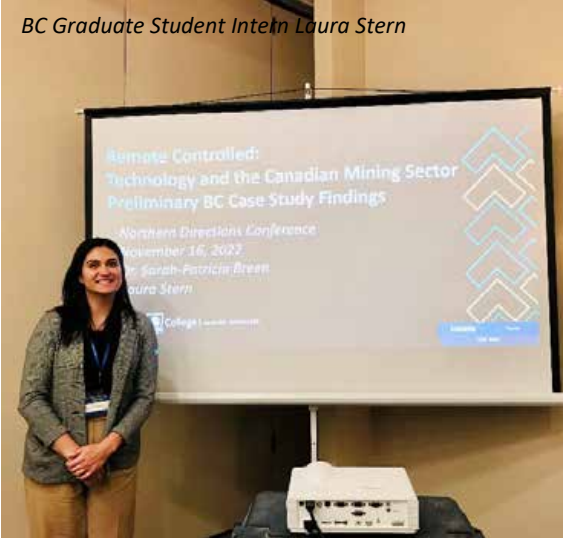
- Project Type:** community scale, fee for service
- Goals:**
 - Understand the impact of COVID-19 on the sector
 - Describe the size of the sector and its contribution to the local economy
 - Identify recommendations for how to support the sector
- Audience:** local government, economic development, sector members
- Key Findings:**
 - The impact of COVID-19 on the arts, culture, and heritage sector has been inconsistent. The results highlight both the already precarious nature of the sector and its resilience.
 - Local sector connection with COVID-19 support and funding programs was weak. There are several potential explanations for this which warrant further investigation.
 - The arts, culture, and heritage sector remains economically important to Nelson and area.
- Results:**
 - Roundtables were held to discuss the results, and collaborative efforts continue to move identified actions forward.
- Link:**
 - <https://sc.arcabc.ca/islandora/object/sc%3A5591>
 - <https://sc.arcabc.ca/islandora/object/sc%3A5879>



² In cases where a request for proposal was declined, this was due to capacity limitations.

Research Stream #2: Developing in the Age of Disruption

Activities and projects within this research stream focus on the guiding question of how can we use disruptive technology to our advantage in business and industry? Topic areas under this research stream include: mining, agriculture, innovation systems, entrepreneurship, and sector development.



BC Graduate Student Intern Laura Stern

Sample Project:

IN PROGRESS - Remote Controlled

- **Project Type:** national, collaborative project involving four case study regions across Canada
- **Goal:** examine emerging technologies in the Canadian mining sector and the impacts of this technology change on mining communities
- **Audience:** policy makers, mining communities, technology companies, post secondary institutions, economic development professionals
- **Progress**
 - 32 completed interviews in BC, with mining companies (4), technology companies (11), and key sector stakeholders (17)
 - Top BC technologies: software, sensors, autonomous equipment, electric vehicles

- Emerging drivers of technology adoption include: worker safety, improved efficiency, sustainability, addressing place specific challenges
- Emerging implications for rural development include changes to workforce (size and skills)
- **Link:**
 - <https://uwaterloo.ca/disruptive-technologies-economic-development/remote-controlled-impacts-disruptive-technologies-canadian>

Research Stream #3: Building the Future

Activities and projects within this research stream focus on the guiding question of how can we re-imagine infrastructure and services to support rural economic development? Topic areas under this research stream include: rural transit systems, cannabis sector development, connectivity and digital skills, climate change adaptation, and rural funding programs.

Sample Project:

PROPOSED - Moving Forward: The Influence of Place on Mobility and Public Transit in Rural Canada

- **Project Type:** national, collaborative project involving case study regions across Canada
- **Goal:** to better understand the influence of place on rural transit systems, leading to the creation of resilient and sustainable rural transit systems that serve local needs
- **Audience:** rural communities (Kootenay case studies: Salmo, Fernie); decision makers; policy makers; transit planners
- **Decision Expected:** Spring 2023

Reconciliation and engagement with First Nations

Alongside other Selkirk Innovates Faculty, I completed BC Campus' Indigenization of Post-Secondary Institutions Professional Learning Series. In collaboration with other faculty, I continue to be actively engaged with Dianne Biin, Director of Indigenous Education and Engagement at Selkirk College, to create a foundation of supportive policy to guide researchers in meaningful and respectful First Nations partnerships. This work is ongoing and long term.

Student Involvement: see Section 6.

3. Three Year Plan: Key Performance Indicators

The results of year 1 (2020/21) were used as a baseline upon which to identify key performance indicators (KPI) for years 2 and 3. The year 2 (2021/22) KPI targets and actuals are laid out in the table below. Based on the 2021/22 actual, the targets for year 3 (2022/23) have been adjusted. These KPIs should be considered proxy measures. Selkirk Innovates is also beginning to do qualitative surveys of all partners. The results of these surveys will be brought into future reports as relevant.

KPI	Related RIC Goals	Year 1 - 2020/21 Baseline	Year 2 - 2021/22 Target	Year 2 - 2021/22 Actual	Discussion	Year 3 2022/23 Target <i>Original Year 3 Target -> Revised Year 3 Target</i>
RIC Productivity						
Allocation of RIC Time <i>Distribution of RIC's time (% by major task type)</i>	Capacity Development; Economic Diversification; Network Support	<ul style="list-style-type: none"> • Research: 50% • Advisory: 20% • Proposals: 15% • Admin: 12% • Prof. Dev.: 3% 	<ul style="list-style-type: none"> • Research: 50% • Advisory: 25% • Proposals: 10% • Admin: 10% • Prof. Dev.: 5% 	<ul style="list-style-type: none"> • Research: 64% • Advisory: 13% • Proposals: 10% • Admin: 9% • Prof. Dev.: 4% 	Actuals were similar to targets for 3/5 task types, which will be maintained. Based on year 2 results, year 3 targets for 2/5 task types (research and advisory) have changed. In order to focus on projects associated with the research proposal, Fee for Service projects will total less than 10% (1/5 of research time).	<ul style="list-style-type: none"> • Res: 50% -> 60% • Adv.: 25% -> 15% • Proposals: 10% • Admin: 10% • Prof. Dev.: 5%
Research Outputs <i>Mix of research outputs as described in Section 5</i>	Capacity Development; Economic Diversification; Network Support	38	40	42	Target was exceeded. After re-evaluating level of effort required and available capacity, target for year 3 decreased to stay consistent with the year 2 target.	42 -> 40
Collaborators <i>Total number of active collaborators</i>	Capacity Development; Economic Diversification; Network Support	34	36	35	Target was not met. After re-evaluating level of effort required and available capacity, target for year 3 decreased.	38 -> 35
Reach of RIC Research						
Direct Audience Size <i>Number of attendees of presentations given by the RIC or HQPs under her supervision³</i>	Capacity Development; Network Support	529	550	1973	Target exceeded owing to participation in FCM Rural Plenary, which is unlikely to occur every year. However, even accounting for this special occasion, the target for year 3 increased based on increasing opportunities for conferences and presentations.	575 -> 600

³ Does not include all online participants or views of recordings.

KPI	Related RIC Goals	Year 1 - 2020/21 Baseline	Year 2 - 2021/22 Target	Year 2 - 2021/22 Actual	Discussion	Year 3 2022/23 Target <i>Original Year 3 Target -> Revised Year 3 Target</i>
Conference Presentations <i>Presentations made by the RIC or HQP under her direct supervision</i>	Capacity Development; Network Support	6	8	4	Target was not met. This is in part due to the timing of a conference was moved from Sept. to Nov., which reduced the number of completed presentations during the reporting period. These 4 presentations will be included in the 2022/23 annual report. Had they been included the target would have been met. After re-evaluating level of effort required and available capacity, target for year 3 decreased to stay consistent with the year 2 target.	10 -> 8
Number of Media Mentions <i>Coverage of RIC, research projects</i>	Capacity Development; Network Support	30	40	50	Target was exceeded. Efforts will be maintained at current level. Target for year 3 maintained based on level of effort required and available capacity.	50 -> 50
Advisory and Support Requests <i>Direct application of RIC's expertise to applied challenges and needs</i>	Capacity Development; Economic Development; Network Support	116	127	197	Target was exceeded. Efforts will be maintained at current level. Target for year 3 increased based on level of effort required and available capacity.	200
Training and Mentorship						
Direct Supervision <i>Number of HQP positions under direct supervision</i>	Capacity Development	22	25	22	Target was not met. After re-evaluating level of effort required and available capacity, target for year 3 decreased.	25 -> 20
Training through events <i>Total number of attendees at HQP specific events</i>	Capacity Development	127	150	171	Target was exceeded. Efforts will be maintained at current level. Target for year 3 maintained based on level of effort required and available capacity.	175 -> 175

4. Financial Summary

During the reporting period I have led or contributed to securing projects with a total value of just over \$1,000,000, with an additional \$860,000 in proposals that are currently under review (see table below).

I also continue to lead the BC portion of two research projects (and manage the associated budgets) initiated by my predecessor:

- Remote Control (University of Waterloo Led) - Total Selkirk Budget: \$37,800 (\$14, 210 in 2021; \$15,670 in 2022; and \$7,920 in 2023)
- Smart Specialization (OCAD Led) - Total Selkirk Budget: \$10,400

Project	RIC Role	Funding Source	Funding or Fee	Partner Contributions ⁴	Total
<i>In Progress (as of September 2022)</i>					
Resilience and alternative food systems. Learning from COVID-19, fire, and other stressors on local fisheries and agriculture to build resilience to future challenges	Co-Applicant (Guelph Lead)	SSHRC - Insight	\$399,978	NA	\$399,978
Addressing Labour Shortages through Newcomer Attraction	Co-Applicant (Guelph Lead)	OMAFRA (ON Government)	\$133,500	NA	\$133,500
Kootenay Youth Entrepreneurship Program	Co-Applicant	ETSI-BC	\$43,750	\$29,650	\$73,400
Columbia River Treaty – Benefits Sharing	Co-Applicant	Fee for Service	\$6,300	NA	\$6,300
Columbia River Treaty - Performance Measures	Project Development and Advisory	Fee for Service	\$36,806.70	NA	\$36,810
<i>Completed (as of September 2021)</i>					
E-Recreation Technology	Co-Supervisor	Mitacs	\$5,000	\$5,000	\$10,000
Option Development - Rural Economic Diversification Infrastructure Program	Principle Investigator	Fee for Service	\$74,665	NA	\$74,665
Cannabis Tourism Opportunities Exploration	Co-Supervisor	Mitacs	\$7,500	\$7,500	\$15,000
Land Inventory	Co-Supervisor	Mitacs	\$7,500	\$7,500	\$15,000
Rural Climate Change Adaptation	Co-Investigator	Fee for Service	\$24,960	NA	\$24,960
Exploration of the Outdoor Recreation Sector in BC	Support, Supervisor	Fee for Service	\$20,000	NA	\$20,000
Developing Human Capital at Selkirk College	Principle Investigator	ETSI-BC	\$12,500	NA	\$12,500
Asset Management / Signage Survey	Principle Investigator	Fee for Service	\$7,119	NA	\$7,119
Navigating Rural	Principle Investigator	SSHRC – Knowledge Synthesis	\$29,500	\$25,500	\$55,000

⁴ Cash and In-Kind

Project	RIC Role	Funding Source	Funding or Fee	Partner Contributions ⁴	Total
Digital Readiness: An Evaluation of Rural Broadband Models in British Columbia	Principle Investigator	Mitacs	\$15,000	\$15,500	\$30,500
The Economic Conditions of the Nelson and Area's Arts, Culture, and Heritage Sector	Principle Investigator	Fee for Service	\$18,695	Leveraged with NAEDP II	\$18,695
NAEDP Economic Recovery Support II (part of larger cluster)	Co-Supervisor	Mitacs	\$7,500	\$7,500	\$15,000
Exploring Options for Local Economic Development Delivery Models (part of larger cluster)	Principle Investigator	Mitacs	\$7,500	\$7,500	\$15,000
Columbia Valley Community Economic Development Mapping	Project Development and Advisory	Fee for Service	\$21,596.4	NA	\$21,596
NAEDP Economic Recovery I (part of larger cluster)	Supervisor	Mitacs	\$7,500	\$7,500	\$15,000
TOTAL SECURED \$1,000,023					
<i>Proposal Submitted and Under Review (as of September 2022)</i>					
Moving Forward: The Influence of Place on Mobility and Public Transit in Rural Canada	Principle Investigator	SSHRC – Insight	\$197,940	\$70,736	\$268,676
Nature-based Rural Solutions: Planning for Green Infrastructure	Co-Applicant (SFU Lead)	SSHRC – Insight	\$170,932		\$170,932
Rural Resilience Cluster Application (multiple projects)	Co-Investigator, Supervisor	Mitacs	\$210,000	\$210,000	\$420,000
TOTAL UNDER REVIEW: \$859,608					

5. Outputs and Collaborations

A summary of outputs from the reporting period is provided below. Details can be found in the Appendix and further discussion in Section 7 (Research Impacts).

Output Type	Year 2 Totals	Total Since Year 1
Books		2
Peer-Reviewed Papers		
• Submitted for Review	2	
• Published	3	5
Technical Papers	1	2
Presentations ⁵	12	9
Conference Presentations		
• Local / Regional	2	3
• National	2	7
• International	0	0
Reports	16	28
Other		
• Toolkit	1	
• Database	3	
• Videos		2
• Web Pages		5

Year 2 output total: 42

Each of my projects is done in collaboration with one or more partner organizations. I primarily work with organizations within the Kootenay-Boundary region, with a focus on economic development practitioners and local governments. Outside the region, my provincial and national collaborations are with the Provincial and Federal governments, as well as with other post-secondary institutions. A summary of collaborators⁶ is provided in the Appendix.

As noted in above section on KPIs, given the level of effort required to continue meaningful collaborations and available capacity, the target number of collaborators for year 3 has been decreased.

Output Spotlight: Rural Economic Diversification and Infrastructure Program (REDIP)

In year 2, I was contracted by the Province of British Columbia to develop options for the delivery of REDIP based on best practices in program development and lessons learned from past programs. I worked in collaboration with the Community Development Institute at University of Northern British Columbia to compile the related research, collect and analyze data, and develop program options. The resulting reports and presentations were delivered to the Province and helped to shape this new rural funding program.

The REDIP program was formally announced in November 2022, an investment of \$33 million into communities in rural British Columbia.

Patents/Intellectual Property: As I primarily undertake social science such outputs are not applicable.

⁵ In addition to events where presentations were made, myself and/or one of my students attended over 20 events as participants, raising the profile of the RIC and Selkirk Innovates.

⁶ Collaborations include ongoing and completed projects, or where the RIC is an active part of board of directors / committees / network. Other forms of collaboration are covered under advisory requests.

6. Training of Highly Qualified Personnel

Building on the foundation laid in year 1, I supervise a range of Highly Qualified Personnel (HQPs). Rather than having a single rural resilience research group, I have developed project teams for separate projects. HQPs from these different project teams are brought together for select events, networking, and professional development. Each of my students is also able to participate in the broader Selkirk Innovates Research Intern Network, which provides an opportunity for them to meet with interns working in other disciplines.

Below is a summary of the number of HQP positions under my supervision during the reporting period.

HQP Type	Primary Supervisor	Co-Supervisor
College	6	5
University - Undergraduate		1
University - Masters	6	
Other: Contractors	4	

Total: 22

Research Interns, Assistants, and Staff: of the HQPs listed in the table, 14 were students hired as research interns or research assistants; 4 are graduate thesis students; and the remaining 4 were contract research staff. Students and staff under my supervision each receive project specific workplans, regular check-in meetings, and mentorship, both one on one and as a team.

Beyond those HQPs under my direct supervision, I also act as an informal mentor for several former HQPs. For example, I co-authored a publication with a contractor whom I supervised in Year 1, mentoring her through her first publication process. In another example, I supported a former graduate research assistant through her successful PhD defense. My former students have a high success rate in securing employment. For example, 4 of my former students immediately found employment in their fields, with 3/4 currently working in the region.

Recruitment: I remain committed to equity in hiring practices, and to supporting increased diversity within my field of research. In addition to following Selkirk College best practices related to hiring, I continuously seek new pathways to engage with students and to support and encourage diverse students to seek positions. Selkirk Innovates is currently undertaking department wide research on Equity Diversity and Inclusion in our hiring practices. The results of this research will inform my hiring and recruitment heading forward to ensure I am using best practices.

Exit Interviews: at the end of each contract I complete a short exit interview, asking 3 questions:

1. What part of your experience did you find to be the most valuable for your career development?
2. How can I improve my supervisory support?
3. What are three pieces of advice they would offer future interns?

Responses to question #1 have helped me better understand the experiences that are most valuable to HQPs, particularly related to networking and professional development. As a result, I work with new HQPs to better identify their goals upfront so that I can better provide this type of opportunity. Responses to question #2 have largely been positive affirmations of what students liked about my supervisory style (e.g., clarity in work plans, accessibility). Based on the responses to question 3, I have created an advice sheet that I share with incoming HQPs. Most common among the advice offered is to ask lots of questions and to take advantage of the professional development opportunities that are offered.

Research Methods Seminars: I developed and delivered 2 targeted research methods seminars open to any interested research intern, research assistant, or faculty. Additionally, the recordings of all research methods seminars (8 total) are made available to all HQPs at Selkirk Innovates and in partner organizations. These videos are often provided as part of the orientation of new students.

7. Research Impacts

My *Realizing Rural Resilience* proposal identified a range of expected impacts. Expected impacts included impact to fundamental knowledge, impacts on industry, impact on processes, and impacts on public programs and policy. These impacts are understood to be direct and indirect, as well as both short and long term. My activities and research reach a range of end users, from local economic development professionals to decision and policy makers at all levels to other academics.

My research projects and activities directly respond to questions and knowledge gaps. Research projects and activities also serve as inputs into decision making, policy, programs, and projects. While the former can be easily discussed and reported, the latter is more complex as users are not required to identify or report how they apply research. As a result, identification and validation of the extent of research impacts are challenging and imprecise. An overview of known and potential research impacts is provided below, presented by research stream, as well as related to advisory and support activities.

Mobilizing human capacity

- **Overview of impacts:** areas of impact from this research stream primarily relate to impact to fundamental knowledge and impacts to public policy and programs.
- **Sample of results:**
 - **Building local capacity for data gathering, analysis, and reporting.** Throughout the reporting period I have been involved in several projects that increase capacity in organizations across the region related to data. For example, I was a guest speaker at one of the *Data 101: Using Data to your Advantage* seminars hosted by Community Futures East Kootenay (CFEK). My topic was on the collection of primary data. The session had 53 participants from governments, economic development, and other organizations across the region. According to the evaluation of this session, 94% of respondents were very satisfied with the session. Building on the success of data 101, I have been assisting CFEK to develop a new seminar series focused on building and practicing data skills.

Additionally, I have been working with community partners in Golden to develop a simple, replicable process for investigation of sectors of interest using existing data. These efforts help to increase local capacity, leading to more informed decisions. Increased local capacity to conduct basic analysis also frees up funds for more complex studies and actions.

Developing in the age of disruption

- **Overview of impacts:** areas of impact from this research stream primarily relate to impact to fundamental knowledge, impacts on industry, impacts on processes, and impacts to public policy and programs.
- **Sample of results:**
 - **Innovation in action.** The *Smart Specialization* project is being led by OCAD University in Ontario, in collaboration with Selkirk College and Georgian College. The Boundary Region is one of the case studies for this project. During the reporting period we hosted our second workshop. We brought participants together virtually to explore desired futures for the Boundary and to identify where there are innovative opportunities to work towards these desired futures.
 - **Turning skills into jobs.** The *Kootenay Youth Entrepreneurship* program is a new and collaborative project between Selkirk College, College of the Rockies, and the Kootenay Association for Science and Technology. This program aims to introduce the basics of entrepreneurship to youth across the region, and to develop key skills. While also a human capacity project, the program is aimed in particular at youth with skills in advanced technology fields (e.g., GIS). This program was designed to be accessible and equitable. It is offered free of charge, and also offers bursaries to reduce barriers to entre (e.g., students who need to miss a work shift to attend). The kick-off is scheduled for February 2023.

Building the future

- **Overview of impacts:** areas of impact from this research stream primarily relate to impact to fundamental knowledge, impacts on processes, and impacts to public policy and programs.
- **Example of results:**
 - **Raising the profile of rural transit needs.** The results of the completed *Navigating Rural* project were shared through numerous presentations. This project also resulted in an invitation for me to participate as a panelist at the Federation of Canadian Municipalities 2022 Rural Plenary, speaking to challenges with infrastructure and services. Building on this research I have submitted a proposal for a federal Insight Grant aimed at further exploring place appropriate opportunities for rural transit.
 - **Exploring new opportunities for the cannabis sector.** The *Cannabis Tourism Opportunities Exploration* project was a student internship project completed in partnership with Kootenay Rockies Tourism. The project deliverables included a summary report as well as a package of guidance materials for future engagement events (see Appendix). Kootenay Rockies Tourism is moving forward with an engagement event in early 2023.

Advisory and Support Activities

- **197 requests from ~90 unique organizations, including:** local governments (regional, BC wide, other rural Canada), provincial government (8 departments), federal government (2 ministries), economic development organizations (e.g., community futures), post-secondary institutions, private sector, and not for profits. Of these the greatest number of requests come from the provincial government and from economic development organizations.
- **Requests include:** data and information, advisory, article and document review, research design, connections between partners.
- **Example of Results:**
 - Requests provide evidence of the ongoing use of current and past research completed by myself, as well as Selkirk Innovates broadly (e.g., the State of the Basin).
 - Requests demonstrate word of mouth referrals, with requests indicating they were referred to me by an existing partner organization (e.g., KORE referred the BC Outdoor Recreation Council to me for assistance with design of research methods). These requests demonstrate an increase in reach, as well as potential for future projects.
 - Requests provide evidence that my position and expertise is valued by decision makers at all levels of government.

Appendix

Research Outputs

REFERENCE	RIC ROLE
Peer-Reviewed Papers	
Sutherland, C. and Breen, S.-P. (UNDER REVIEW). Not in Service: A Typology of Barriers Facing Rural Transit Systems. <i>Canadian Planning and Policy</i> .	Co-author
Gaspard, V., Breen, S.-P., & Minnes, S. (UNDER REVIEW). The Role of Place in Rural Policy: The Importance of Considering the Human Dimensions of Place. <i>Journal of Rural and Community Development</i> .	Co-author
Buchanan, C., Breen, S.-P., and Markey, S. (2022). Breaking Down Barriers: Planning for a Gender Diverse Mining Workforce in the Kootenay Region of British Columbia. <i>Canadian Planning and Policy</i> . 2022. 71-87.	Co-author
Howse, T. and Breen, S.-P. (2022). Lessons in Rural Housing: Regional District of Kootenay Boundary Case Study. <i>The Journal of Rural and Community Development</i> . 17(3), 123-142.	Co-author
Oliveira, D., Breen, S.-P., and Krawchenko, T. A. (2022). Targeting policies to place: A jurisdictional analysis of composite indicators for rural development. <i>The Journal of Rural and Community Development</i> , 17(1), 111–130.	Co-author
Technical Papers	
Breen, S.-P. (2022). Navigating rural – place-based transit solutions for rural Canada. <i>Municipal World</i> . September 2022, 11-12. https://www.municipalworld.com/articles/navigating-rural/	Author
Select General Presentations	
Design Workshops (5) - Rural Economic Diversification Infrastructure Program. Work Commissioned by Provincial Government. Not Public.	Presenter / Facilitator
Breen, S.-P. (2022). Invited panelist. What is Rural Policy Today? <i>Canadian Rural Revitalization Foundation Seminar</i> . Retrieved from https://www.youtube.com/watch?v=U3r4zGtOCZ4	Invited presenter
Breen, S.-P. (2022). Invited speaker. Filling the Gaps – Sourcing the Data. <i>Using Data to Your Advantage Webinar Series</i> .	Invited presenter
Trueman and Weist. (2022) Entrepreneurship and Digital Skills Seminar Series.	Supervisor
Breen, S.-P. (2022) Economic Conditions of the Nelson and Area’s Arts, Culture, and Heritage Sector. <i>Presentation to City of Nelson</i> .	Presenter
Breen, S.-P. (2022) Economic Conditions of the Nelson and Area’s Arts, Culture, and Heritage Sector. <i>Presentation to Nelson and Area Economic Development Partnership</i> .	Presenter
Breen, S.-P. (2022) Research For Rural Resilience. <i>Selkirk Innovates Seminar Series</i> .	Presenter
Breen, S.-P., Sutherland, C., Trueman, M., Hanson, C., Jaffe, J., Duhamel, K., and Simpson, S. (2021). <i>Rural Mobility and Public Transit Access Across Canada Webinar</i> . Retrieved from https://www.youtube.com/watch?v=45HGGGrE8K3s	Co-presenter / Supervisor
Conference Presentations	
Breen, S.-P. (2022). Invited panelist. Rural Plenary – Rural Infrastructure and the Road to Recovery. <i>Together for Recovery – Federation of Canadian Municipalities Annual Conference and Trade Show</i> , Regina, SK.	Invited presenter
Breen, S.-P., Jones, J., and Rethoret, L. (2022). No Time to Waste: decision-making or climate action and the critical years ahead for the AKBLG region. <i>Future Ready – Association of Kootenay Boundary Local Government Annual Conference</i> . Nelson, BC.	Co-presenter
Breen, S.-P. and Annett, J. (2022) Developing Human Capital at Selkirk College. <i>ETSI-BC Post Secondary Institution Forum</i> . Virtual Forum.	Co-presenter
Breen, S.-P. (2022). Navigating Rural: Place-Based Transit Solutions for Rural Canada. <i>Knowledge Synthesis Forum – Mobility and Public Transit</i> . Virtual Forum.	Presenter
Reports	
Rural Economic Diversification Infrastructure Program - Final Reports and Draft Program Guide (2022). Work Commissioned by Provincial Government. Not Public.	Author
Breen, S.-P., & Annett, J. (2022). From Study to Solutions: Economic Conditions of Nelson and Area’s Arts, Culture, and Heritage Sectors. Retrieved from https://sc.arcabc.ca/islandora/object/sc%3A5879	Senior Review / Supervisor
Rattu, A., Harvey, T., & Breen, S.-P. (2022). Executive Summary - Exploring Opportunities for Cannabis Tourism in the Kootenay Rockies. Retrieved from https://sc.arcabc.ca/islandora/object/sc:5882	Senior Review / Supervisor

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Rattu, A., Harvey, T., & Breen, S.-P. (2022). Exploring Opportunities for Cannabis Tourism in the Kootenay Rockies: A Knowledge Synthesis of Models, Drivers, and Risks. Retrieved from https://sc.arcabc.ca/islandora/object/sc:5881	Senior Review / Supervisor
Pennock and Breen, S.-P. (2022) <i>Report: Industry Scan and Survey of Outdoor Recreation Manufacturing and Product Design Sector in British Columbia</i> . Work Commissioned by Provincial Government. Not Public.	Co-author
Weeden, A. and Breen, S.-P. (2022). Executive Summary - <i>Rural Connectivity Models</i> (Digital Readiness: An Evaluation of Rural Broadband Models in British Columbia). https://sc.arcabc.ca/islandora/object/sc%3A5870	Co-author
Weeden, A. and Breen, S.-P. (2022). <i>Rural Connectivity Models</i> (Digital Readiness: An Evaluation of Rural Broadband Models in British Columbia). https://sc.arcabc.ca/islandora/object/sc%3A5871	Co-author
Mastroeni, M., Breen, S.-P., Tennent, A., & MacDonald, I. (2022). The Boundary: Workshop 2 Summary Report. Retrieved from https://sc.arcabc.ca/islandora/object/sc%3A5873	Co-author
Breen, S.-P., & Sutherland, C. (2022). Local Government Summary: Navigating Rural - Place Based Transit Solutions for Rural Canada. Retrieved from https://sc.arcabc.ca/islandora/object/sc%3A5536	Senior Review / Supervisor
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Breen, S.-P. (2022) Permanent Public Transit Funding Questionnaire and Written Submission. Submission to Federal Government. Not Public.	Author
Breen, S.-P., Liepa, I., Annett, J., Powell, D., & Legebokoff, S. (2022). <i>The Economic Conditions of the Nelson and Area's Arts, Culture, and Heritage Sector: Final Report</i> . Retrieved from https://sc.arcabc.ca/islandora/object/sc%3A5591	Co-author
Breen, S.-P., Liepa, I., Annett, J., Powell, D., & Legebokoff, S. (2022). <i>The Economic Conditions of the Nelson and Area's Arts, Culture, and Heritage Sector: Appendix</i> . Retrieved from https://sc.arcabc.ca/islandora/object/sc%3A5590	Co-author
Breen, S.-P., Liepa, I., Annett, J., Powell, D., & Legebokoff, S. (2022). <i>The Economic Conditions of the Nelson and Area's Arts, Culture, and Heritage Sector: Executive Summary</i> . Retrieved from https://sc.arcabc.ca/islandora/object/sc%3A5589	Co-author
Breen, S.-P., Sutherland, C., Trueman, M., Gibson, R., and Markey, S. (2021). <i>Final Report - Navigating Rural: Place Based Transit Solutions for Rural Canada</i> . Retrieved from https://sc.arcabc.ca/islandora/object/sc%3A5510	Co-author
Breen, S.-P., Sutherland, C., Trueman, M., Gibson, R., and Markey, S. (2021). Executive Summary - <i>Navigating Rural: Place Based Transit Solutions for Rural Canada</i> . Retrieved from https://sc.arcabc.ca/islandora/object/sc%3A5511	Co-author
Other	
Rural Climate Change Toolkit. Work Commissioned by Provincial Government. Not Public.	Co-author
Database: Industry Scan and Survey of Outdoor Recreation Manufacturing and Product Design Sector in British Columbia. Work Commissioned by Provincial Government. Not Public.	Advisory
Database: Searchable Investment Lands. Work Commissioned by Local Not for Profit. Not Public.	Student supervision
Data tables and Associated Next Steps: E-Recreation Technology – Exploration of Potential. Work Commissioned by Kootenay Outdoor Recreation Enterprise Not Public.	Student Supervision

Collaborators

Collaboration Type	Names
<p>Representation on RIC Regional Advisory Committee <i>Committee meets quarterly to identify and discuss opportunities and receive progress updates</i></p>	<ul style="list-style-type: none"> • Community Futures Central Kootenay • Kootenay Association for Science and Technology • Province of British Columbia • Regional Districts of Kootenay Boundary, Central Kootenay, East Kootenay • <i>TBD – position held for future First Nations Representation</i>
<p>Project Collaboration <i>Projects under development, active, or completed projects</i></p>	<ul style="list-style-type: none"> • Canadian Rural Revitalization Foundation • Cannabis Economic Development Council • City of Fernie • College of the Rockies • Community Development Institute • Community Futures Boundary • Community Futures Central Kootenay • Community Futures East Kootenay • Dalhousie University • Golden Community Economic Development • Government of Canada • Kootenay Association for Science and Technology • Kootenay Outdoor Recreation Enterprise • Kootenay Rockies Tourism • Lakehead University • Local Governments Committee (Columbia River Treaty) • Lower Columbia Initiatives Corporation • Memorial University • Nelson and Area Economic Development Partnership • OCAD University • Province of British Columbia (JERI, Forests) • Province of Ontario (OMAFRA) • Queens University • Regional District of East Kootenay • Regional District of Central Kootenay • Regional District of Kootenay Boundary • Revelstoke Idea Factory • Selkirk Technology Access Centre • Simon Fraser University • Trail Chamber of Commerce • Village of Salmo • Village of Silverton • University of Guelph • University of Waterloo • University of Winnipeg
<p>RIC served/serves on Board of Directors, as Network member, or on Committee/Council</p>	<ul style="list-style-type: none"> • Canadian Association of Geographers • Canadian Rural Revitalization Foundation • British Columbia Forestry Worker Support and Community Resilience Council • Economic Development Practitioner Network • Informed Opinions Network • Kootenay Outdoor Recreation Enterprise Board of Directors • Lower Columbia Economic Resilience Action Group • Provincial/Territorial/Federal Rural Policy Discussion Group • Rural Research Centres Network (R2CN) • South Kootenay Agricultural Strategy Steering Committee

301 Frank Beinder Way,
Castlegar, BC V1N 4L3
phone **250.365.7292**
toll free **1.888.953.1133**
email **info@selkirk.ca**

January 30, 2023

Attn: Aimee Watson
Regional District of the Central Kootenay
Via email: alund@rdck.bc.ca



Dear Mdme Chair,

I hope this letter finds you well. I am writing to request the Regional District of Central Kootenay's consideration of becoming a member of the BC Rural Health Network.

As a solutions-based organization, the BC Rural Health Network represents the health and well-being of rural residents throughout British Columbia. Our positions are universal to rural residents and reflect the diverse perspectives of rural communities. By joining our organization, the Regional District of Central Kootenay would have the opportunity to have a voice in advocacy and support for the unique health and well-being needs of rural residents in the area.

The BC Rural Health Network is a charity and our work is entirely dependent on the support of our members. As a member, the Regional District of Central Kootenay would have access to a range of benefits, including networking opportunities, a platform for advocacy, and access to our research and educational resources. Our organization is committed to improving the health and well-being of rural residents and by joining, the Regional District of Central Kootenay would be taking an important step towards achieving this goal. Uniting the voice of rural residents on common interests in their health is the only way to ensure residents are included and heard.

I would be happy to discuss the benefits of membership further and to answer any questions you may have. Please let me know if there is anything else I can assist with in the meantime.

Thank you for your time and consideration. I look forward to hearing back from you soon.

Yours in health and wellness,

Paul Adams
Executive Director
BC Rural Health Network

CC:\ Peggy Skelton, Colin Moss, Bob Storey

The BCRHN is the healthcare voice of the rural residents of British Columbia and seeks better health outcomes for all people, through solutions-based approaches with governments, and information provision to residents.

The BCRHN is grateful to live, work, and be in relation with people from across many traditional and unceded territories, covering all regions of British Columbia. We are honoured to live on this land and are committed to reconciliation, decolonization, and building relationships in our communities.

Angela Lund

To: Stuart J. Horn
Subject: RE: [EXTERNAL] RE: Strengthening the Regional Cannabis Sector through Smart Specialization project proposal

From: Tracey Harvey <tharvey@selkirk.ca>
Sent: Wednesday, January 25, 2023 10:38 AM
To: Aimee Watson <AWatson@rdck.bc.ca>
Subject: Strengthening the Regional Cannabis Sector through Smart Specialization project proposal

CAUTION This email originated from outside the organization. Please proceed only if you trust the sender.

Dear Aimee,

I hope this email finds you well.

Please find attached an overview of a proposed innovation and collaboration project for the regional West Kootenay Boundary cannabis sector. You may recall I solicited your support for a similar project last year (your letter of support is attached for reference). While we were unsuccessful with that application, we received excellent feedback which we are incorporating into a renewed and strengthened proposal this year. Applications are due March 1st.

This project is proposed as a form of rural economic development for the regional sector, and so it may include cannabis tourism specific initiatives, research and development initiatives around farming or processing, education and training initiatives, or work around developing appellations for example (i.e., through pilot projects), but the choice of focus will ultimately depend on the decisions of the advisory committee who will be identifying areas of greatest impact and need.

We hope the Regional District Central Kootenay may consider being a project partner and contributing to identifying research needs and the overall intellectual direction of the research project.

Please be in touch after you review the letter - I look forward to hearing from you!
Tracey

Tracey Harvey, MSc GIS, PhD (she/her) **Instructor & Researcher**
Selkirk College, West Kootenay & Boundary Region
t: 250.304.6522 or 1.866.301.6601; ext. 16522 | e:tharvey@selkirk.ca w: selkirk.ca

Together we build remarkable futures.

Selkirk College acknowledges the traditional territories of the Sinixt (Lakes), the Syilx (Okanagan), the Ktunaxa, and the Secwépemc (Shuswap) peoples.

January 3, 2023

Chair Aimee Watson
Regional District Central Kootenay
Box 590, Nelson, BC, V1L 5R4

Dear Chair Aimee Watson and Members of the Board,

On behalf of the Shaw team, we congratulate you for your appointment to the board. We appreciate the work of local governments in building safe, sustainable, prosperous communities across the province. We recognize access to high-speed internet and cellular services is vital to growing communities. Our relationship with local government is important as we operate network infrastructure, delivering Gig-speed internet, public WiFi and cellular service to communities across British Columbia.

For more than 50 years, Shaw and our committed team of thousands of employees successfully built and operated our businesses. But with 5G and other next-generation technologies on the horizon, we have decided that our businesses require more scale and capital to make the generational investments necessary to compete effectively in the long term while meeting our customers' evolving needs.

We need to find new homes for our businesses and that's why we have embarked on a series of transactions that will see Rogers acquire our wireline business and Quebecor, owner of Videotron, acquire our wireless business. We believe that these transactions will increase investment, competition, and choice across Canada.

With respect to our wireline business, a combined Rogers and Shaw will have the resources and assets to make the investments required to create a truly national connectivity provider that can grow and compete in British Columbia. With respect to our wireless business, Shaw will divest of Freedom Mobile to Quebecor. This will create a fourth wireless carrier that has a better capital position and operating advantages, that will allow them to sustainably invest and compete for the long-term.

We encourage local governments to reach out and let us know how our network infrastructure investments could support local broadband strategies, economic and social initiatives, or access to emergency services. If you have any questions, or seek additional information, please reach out to Kiersten Enemark, Government Relations Director, B.C. at Kiersten.Enemark@srb.ca

Best Regards,



Chima Nkemdirim, K.C.
VP Government Relations



Kiersten Enemark
Government Relations Director, B.C.

cc: Stuart Horn, Chief Administrative Officer



Department: Board of Directors

January 16, 2023

Honourable George Heyman
Minister of Environment and Climate Change Strategy
PO Box 9047 Stn. Prov. Govt.
VICTORIA, BC V8W 9E2

Via Email: ENV.Minister@gov.bc.ca

Dear: Minister Heyman;

Subject: Recycle BC – Packaging and Printed Paper (PPP) Product, Extended Producer Responsibility (EPR) Draft Stewardship Plan

The Thompson-Nicola Regional District (TNRD) provides solid waste and recycling services to 10 municipalities and 10 Electoral Areas by operating 27 solid waste facilities spread across the large region. Only 11 of TNRD's solid waste sites meet the current eligibility criteria set by Recycle BC to be registered principal depots where Recycle BC covers collection costs; the remaining 17 sites operate as satellite depots where TNRD taxpayers are subsidizing the collection of PPP.

The proposed Community Eligibility Criteria in Recycle BC's new draft plan will further reduce service and/or increase costs to TNRD residents. At the TNRD Board meeting held on **December 15, 2022**, the Board of Directors passed the following resolution:

THAT a letter be sent to The Honorable Minister George Heyman, Minister of Environment and Climate Change Strategy, expressing opposition to Recycle BC's draft Stewardship Plan proposed Community Eligibility Criteria.

The Board's opposition to the draft Stewardship Plan proposed Community Eligibility Criteria is specifically related to the following:

- Four (4) of the TNRD's existing twenty-seven (27) recycling depots would no longer be eligible for funding from Recycle BC for the collection and transportation of PPP materials;
- If the TNRD continued operating non-eligible recycling depots, the financial responsibility for collecting and transporting PPP would be shifted to TNRD taxpayers, contravening the BC Recycling Regulation, which requires producers of material to be responsible for the costs to collect specific materials;

MUNICIPALITIES: Ashcroft | Barriere | Cache Creek | Chase | Clearwater | Clinton
Kamloops | Logan Lake | Lytton | Merritt | Sun Peaks

ELECTORAL AREAS: "A" "B" "E" "I" "J" "L" "M" "N" "O" "P"

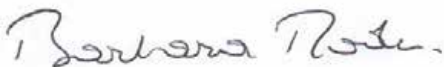
- If the TNRD chose to discontinue operating non-eligible recycling depots, a significant decrease in access to recycling services would negatively impact two (2) municipalities and two (2) Electoral Areas; and
- The TNRD invested heavily in capital and human resources to establish the depot system under the terms of its existing service agreements with Recycle BC. The proposed Community Eligibility Criteria put those investments in jeopardy.

The TNRD continues to demonstrate leadership in supporting the Province’s efforts to divert the amount of PPP that is otherwise destined to be received at landfills across our region and province. The Draft Plan reduces services to rural British Columbians in Recycle BC’s efforts to reduce their costs.

The TNRD strongly encourages you to consider the concerns over the proposed Community Eligibility Criteria when reviewing Recycle BC’s proposed Stewardship Plan and to require all stewardship agencies to pay the total costs associated with the collection and processing of recyclable material from all British Columbians.

Please note that TNRD staff provided feedback directly to Recycle BC as part of their consultation process outlining these concerns on December 31, 2022.

Sincerely,



Barbara Roden, TNRD Board Chair

cc:

Recycle BC, consultation@recyclebc.ca
Alberni-Clayoquot
Regional District of Bulkley Nechako
Capital Regional District
Cariboo Regional District
Central Coast Regional District
Regional District of Central Kootenay
Columbia Shuswap Regional District
Comox Valley Regional District
Cowichan Valley Regional District
Regional District of East Kootenay
Regional District of Fraser-Fort George
Fraser Valley Regional District
Regional District of Kitimat-Stikine

Regional District of Kootenay Boundary
Metro Vancouver
Regional District of Mount Waddington
Regional District of Nanaimo
North Coast Regional District
Regional District of North Okanagan
Northern Rockies Regional Municipality
Regional District of Okanagan-Similkameen
Peace River Regional District
Qathet Regional District
Squamish-Lillooet Regional District
Strathcona Regional District
Sunshine Coast Regional District



January 18, 2023

The Honourable Bowinn Ma
Minister of Emergency Management and Climate Readiness
Parliament Buildings
Victoria, BC V8V 1X4
Via email: PSSG.Minister@gov.bc.ca

Dear Minister Ma:

2022 Emergency Support Services Program Guide

The Regional District of Bulkley-Nechako (RDBN) congratulates you on your recent appointment as Minister of Emergency Management and Climate Readiness (EMCR) and is looking forward to working with you to improve the safety of British Columbia, its communities, and residents.

In December 2022, EMCR released a new Emergency Support Services (ESS) Program Guide. While updating emergency management documents is a positive and needed action, the lack of consultation with Local Authorities province wide is disappointing. We acknowledge the online sessions being held this year for engagement on the Program Guide, however, that process does not replace the consultation of the organizations that need to implement the Program Guide.

Retention and attraction of volunteers is dissipating. The new Program Guide, in its current form, puts greater responsibility on an ever-decreasing number of volunteers across BC. With the additional obligations identified in the program guide, we anticipate having a considerable reduction in people wanting to volunteer for this program. This issue is not only being experienced in the ESS realm but in all Public Safety Lifeline Volunteer programs (PSLV), which are the backbone of public safety in BC.

Without the dedicated and highly skilled PSLVs, response to disasters can be delayed and may not meet the needs of impacted residents. An analysis needs to be undertaken by the Provincial Government in partnership with Local Authorities and PSLV groups as to the future of volunteerism for the critical roles each PSLV group is currently filling. A solution to better support and fund the existing structures needs to be found.

It is also important to note that practices that are implemented in densely populated communities does not necessarily work for smaller and rural communities; therefore, consideration must be given to the differences in geography and the socio-economic fabric of the communities.

Included in this letter is a staff report provided to the RDBN Board outlining the most significant concerns the RDBN has with the new ESS Program Guide. We would welcome further discussion and better engagement for the benefit of the safety of our residents.

Sincerely,



Mark Parker
Chair

Attachment: RDBN ESS Program Guide Board Report

cc: Jennifer Rice, MLA North Coast and Parliamentary Secretary, Emergency Preparedness
UBCM Flood and Wildfire Advisory Committee
EMCR ESS Program
All 26 Regional Districts



Regional District of Bulkley-Nechako Committee of the Whole

To: Chair and Committee of the Whole
From: Christopher Walker, Emergency Program Coordinator
Date: January 12, 2023
Subject: **Emergency Support Services Program Guide**

RECOMMENDATION: **(all/directors/majority)**

That the Board send a letter to Minister Ma of Emergency Management and Climate Readiness (EMCR) to identify the RDBN's concerns with the Provincial Emergency Support Services Program Guide, and copy the letter to the EMCR ESS program, UBCM Flood and Wildfire Advisory Committee, and all regional districts.

BACKGROUND

EMCR released a new Emergency Support Services (ESS) Program Guide (Guide) on December 8, 2022, without any prior consultation with local authorities. The Guide replaces the January 2010 Emergency Social Services Field Guide, which was outdated, however, the Guide includes several key changes of concern.

The EMCR staff stated the Guide was not released in draft for comments and consultation, as it is primarily built on current practices already widely accepted across BC, and on feedback from previous emergency events. It is unclear if EMCR discussed this new guide with ESS teams, however, they did not approach any ESS teams within the geographical boundary of the Regional District of Bulkley-Nechako. This process is not adequate consultation with Local Authorities and First Nations who must implement the Guide. A provincial wide consultation on a draft document should have occurred as responses in southern BC can be different in northern BC. The following is a list of issues with key parts of the guide.

EMCR have stated "To ensure updates to practices are consistently reflected in our resources, the ESS Program Guide will have multiple updates in its first-year post release and yearly updates afterwards. Feedback can be submitted to the ESS program office through EMBC.ESS@gov.bc.ca at any time. You can expect feedback to be reviewed and updates to the Program Guide at the end of the following months in 2023 and on a yearly basis afterwards." EMCR anticipates providing updates in February, May, and October 2023.

Issue 1: on page seven the Guide states that under preparedness for ESS response the Emergency Program Coordinator (EPC) is responsible to "Prepare adequately for supports to vulnerable populations".

ESS volunteer training does not prepare volunteers to deal with all people that can be classified as vulnerable. Vulnerable populations include people with mental health issues,

drug addiction, and seniors. Support for people with mental health issues and Drug addictions, beyond providing food, lodging and incidentals, should be the responsibility of the Health Authority.

Issue 2: Page eight of the Guide relates to the EMCR Regional Level and their supports during the phases of Emergency Management and states: “Acting as a contact point for EPCs, providing expert advice in local and regional issues”.

EMCR Regional Managers (RMs) are not experts on local issues, this information is best provided by the Local Authorities and First Nations directly. RMs do not have a solid grasp on the issues that impact our respective residents and communities, they have a larger EMCR regional perspective and have in depth knowledge relating to the provincial response and the ‘Financial Assistance for Emergency Response and Recovery Costs’ but are not experts in local issues.

Issue 3: Page 15 of the Guide relates to Cultural Activity Location Support and states: “Large scale evacuations that impact an entire community may be stressful and traumatizing for First Nations people, so it is important to provide trauma-informed, culturally appropriate services to lessen further impacts and to transition more effectively into recovery”.

This is a positive statement in the Guide, the issue is the Guides lack of acknowledgement of the potential stress and trauma to all people during an evacuation and transition into recovery. No support or culturally appropriate services are mentioned for non-First Nation communities. Clarification as to whether supports are available for all communities is needed.

Issue 4: Page 16 states: “Resource Requests (RRs) describe a need rather than a suggested solution. For example, a RR request which describes a need for immediate training for new volunteers could be filled by many different people, while a specific request for an experienced ESS responder narrows the solution to one option”.

The ESS team on the ground know what they need and why they need it, while EMCR is present to support the actions of the responders. Removing the ability for the experts to request what they need and state a solution that they prefer is ineffective, a Regional Manager or person sitting in the ESS Branch Coordinator position may have some experience in ESS, but they are not the experts of the situation on the ground. A RR requesting a specific resource should not be discounted, if EMCR deems it not cost effective or inappropriate then a conversation offering alternative solutions should occur.

Issue 5: Page 27 of the Guide refers to unattended minors that arrive at a Reception Centre without a legal guardian. The language on reporting to Ministry of Children and Family Development (MCFD) is too vague.

Under the *Child Family Community Services Act* Section 14 (1):

“A person who has reason to believe that a child needs protection under section 13 must promptly report the matter to a director or a person designated by a director.” ESS

volunteers are not qualified to determine whether the child is safe or not. The Guide should state that if a child arrives without a legal guardian, it must be reported to MCFD.

Issue 6: Under Lodging on page 33 the Guide states: "Additional charges (such as room service or damages) are not covered by ESS and must be paid by the evacuee upon departure from the hotel. These costs are paid by either the evacuee, the First Nation Government or Local Authority or the hotel".

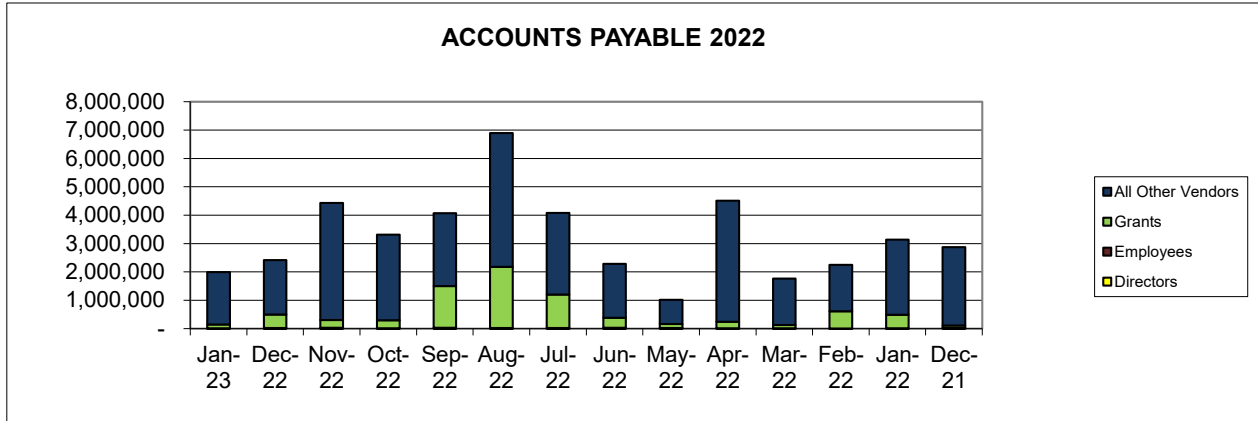
EMCR has entered the Local Authority and/or First Nation Government into a liability situation for the actions of Evacuees they have no control over. On page 38 of the Guide, it states that the province may cover damages over \$1,000 to a maximum of \$10,000. While that may cover some damages, it keeps the RDBN liable for the actions of Evacuees. If the hotel is left with the burden, the few hotels that currently accept evacuees may cancel all agreements. The province is not considering the impacts to Local Authorities, First Nations, or the hotels willing to help and are downloading responsibilities and the burden of finances on communities that already struggle with the financial burdens of emergency response. This responsibility needs to be removed and the burden put solely on the Evacuee.

Issue 7: The downloading of Emergency Support Services Director (ESSD) responsibilities onto the EPC.

- Page 6 of the Guide states that the EPC is the direct contact for EMCR when a response is required. This is not appropriate as the EPC may not be the subject matter specialist on the local ESS team and its volunteers. The local ESSD should be that contact for EMCR as they are the experts on their team's response protocols.
- Page 7 of the Guide refers to the preparedness phase:
 - Point two assigns responsibility to the EPC to recruit, train and exercise the ESS volunteers.
These responsibilities have been the responsibility of the ESSD. Before this Guide the ESSD's role was to manage the ESS program, the volunteers, and the team as a whole and report their readiness to the EPC whose role was to support the ESSD in all activities.
 - Point four, requires the EPC to develop and maintain relationships with local suppliers:
Local suppliers are the backbone of emergency support services. The relationship management of these suppliers has been and must remain the responsibility of the ESSD and their team. The ESS volunteers work closely with the local suppliers to ensure they understand the process and are ready and able to support the evacuees.

In summary it is important that these issues be addressed as quickly as possible to avoid confusion and frustration for the dedicated volunteers that operate our ESS Teams.

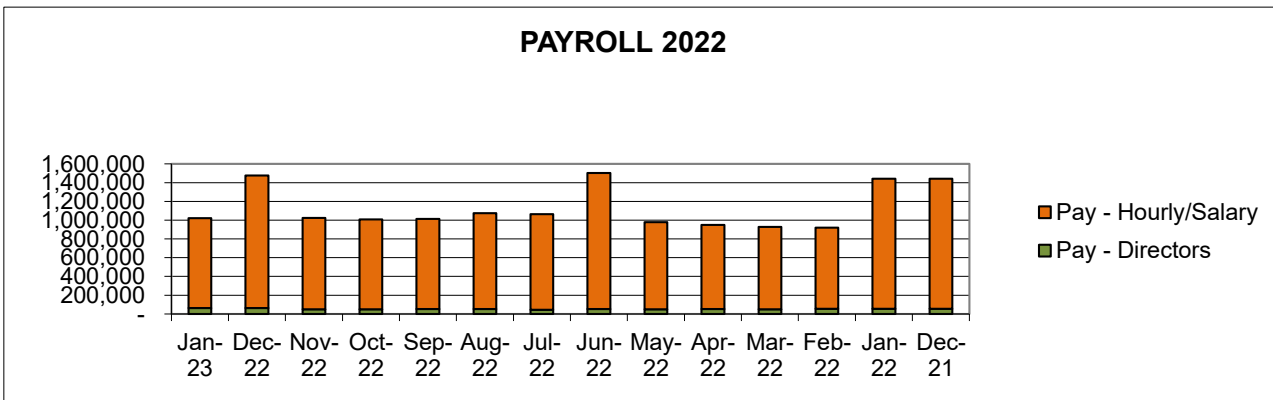
Financial Expenditure Report for January 2023



	Number of Payments	Value	% of Total
	1,192	\$1,990,564	
Top 80% of payments by value	163	1,592,408	80%
Remaining 20% of payments by value	1,029	398,156	20%
Total	1,192	\$1,990,564	100%

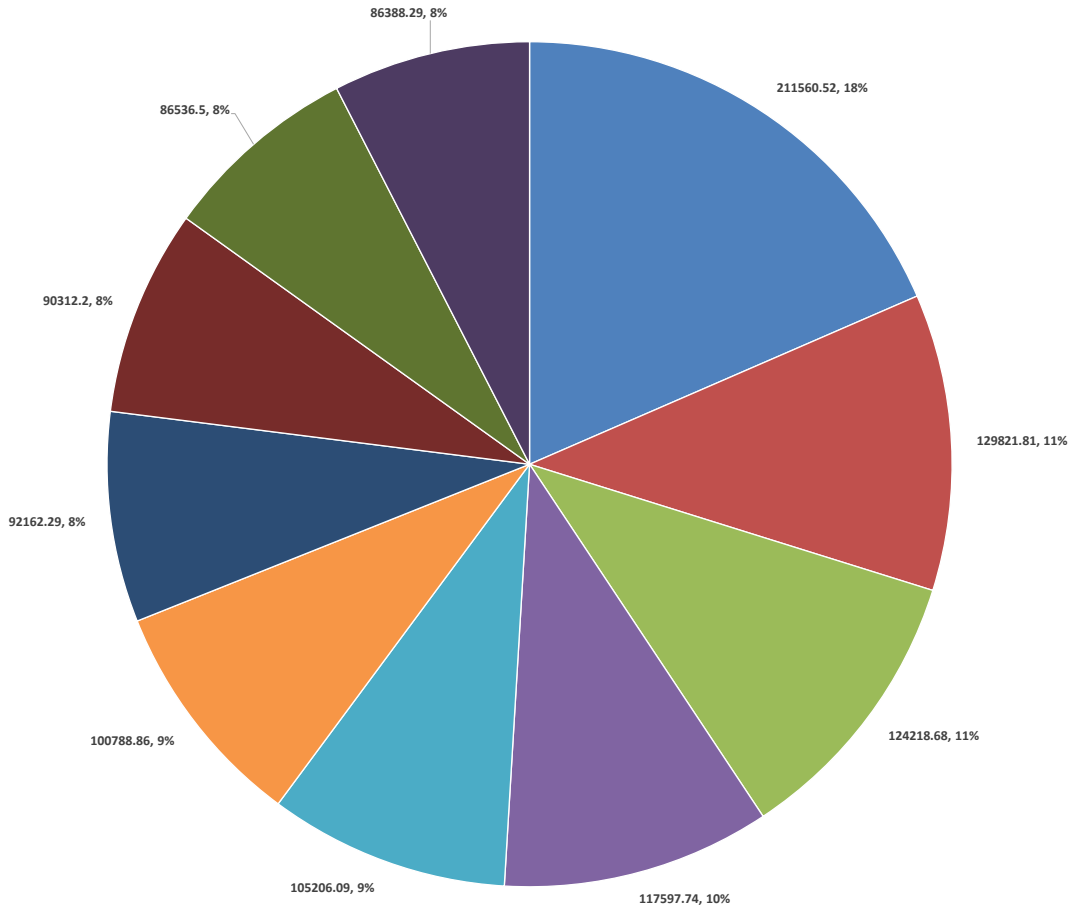
	Number of Payments	Value	% of Total
	1,192	\$1,990,564	
Payments to Directors	35	3,610	0.2%
Payments to Employees	69	13,041	0.7%
Subtotal	104	16,651	0.8%
Discretionary and Community Development Grants	63	133,166	6.7%
Other Vendors	1,025	1,840,747	92.5%
Subtotal	1,088	1,973,913	99.2%
Total	1,192	\$1,990,564	100%

Payment Method	Direct Deposit	% of Total	Cheques	% of Total
	1026	86%	166	14%



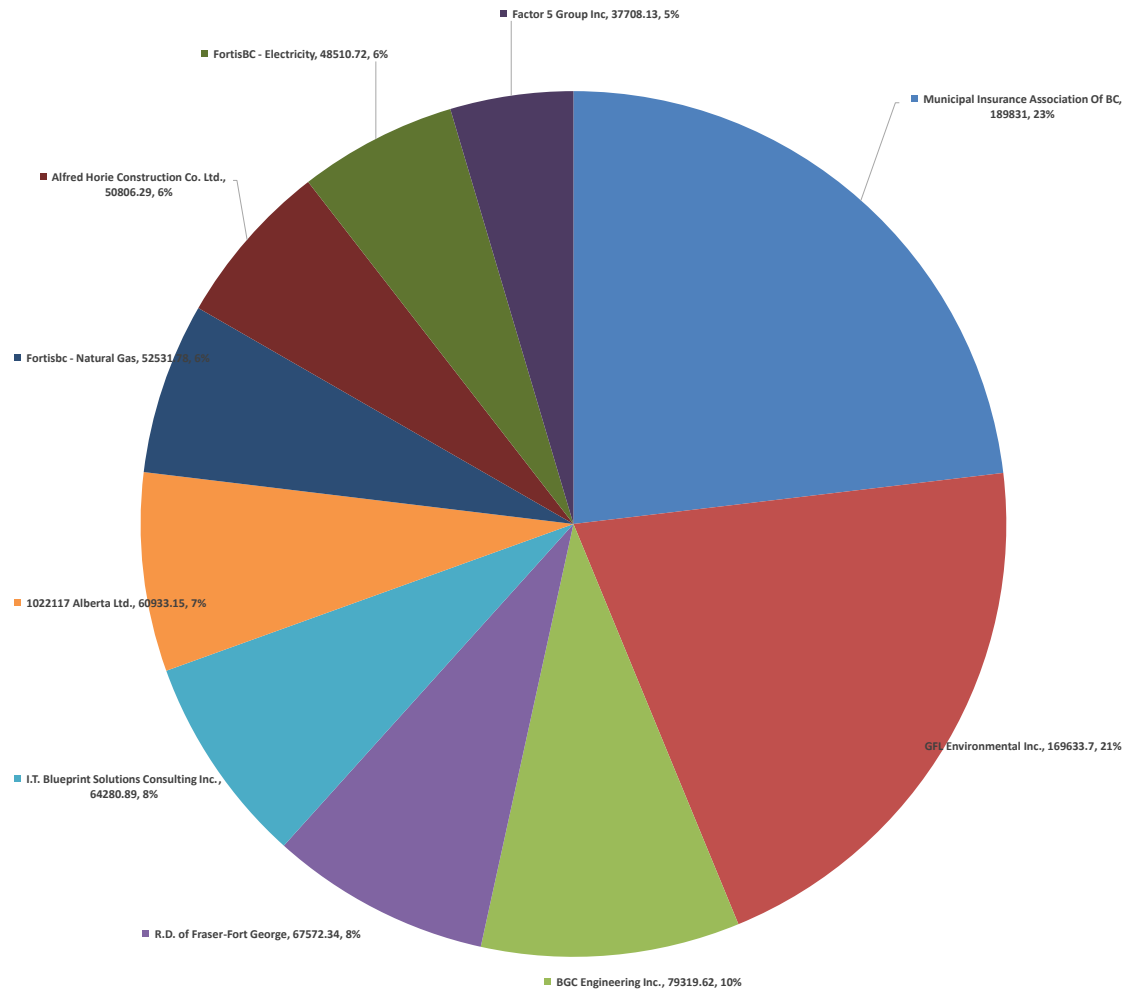
	Number of Payments	Value	% of Total
		\$1,020,281	100%
Directors		62,581	6.1%
Hourly/Salary		957,700	93.9%

Top 10 Services by Amount Spent



- General Administration
- Recreation Facility-Nelson and Areas F and Defined E
- Refuse Disposal (Central Subregion)-Nelson, Kaslo, Salmo and Areas D, E, F, and G
- Transit-North Shore and Slokan Valley
- Arena (Castlegar Complex)-Castlegar and Areas I and J
- Transit-Kootenay Lake West
- Refuse Disposal (West Subregion)-Castlegar, New Denver, Slokan and Area H, I, J, and K
- Organics Program – East Subregion
- Development Services
- Recreation Facility-Creston and Areas B, C and Area A

Top 10 Vendors by Value



- Municipal Insurance Association Of BC
- R.D. of Fraser-Fort George
- Fortisbc - Natural Gas
- Factor 5 Group Inc
- GFL Environmental Inc.
- I.T. Blueprint Solutions Consulting Inc.
- Alfred Horie Construction Co. Ltd.
- BGC Engineering Inc.
- 1022117 Alberta Ltd.
- FortisBC - Electricity

Accounts Payable Top 80% of Payments for January 2023

Top 80% of payments by value	Number of Payments		Value
	163	\$	
1022117 Alberta Ltd.	8	\$	60,933.15
Adm Electric Ltd	1	\$	3,024.00
Akokli Construction LTD.	3	\$	18,784.50
Alfred Horie Construction Co. Ltd.	1	\$	50,806.29
Andex Equipment Rentals	2	\$	5,399.74
Arrow Lakes Aggregates	1	\$	17,944.82
Associated Fire Safety Equipment	2	\$	9,209.55
Association of Kootenay & Boundary Local Governments (A	1	\$	12,128.42
B.C. Scale Co. Ltd.	1	\$	7,473.20
BGC Engineering Inc.	3	\$	79,319.62
Bi Purewater	1	\$	4,005.72
Black Press Group Ltd	1	\$	4,763.42
Brenton Industries Ltd	1	\$	3,780.00
Burkert Canada Inc	1	\$	3,305.63
Canadian Aerothermal	1	\$	3,160.50
CanGas Propane Inc.	3	\$	10,010.45
Carey McIver & Associates Ltd.	1	\$	2,425.50
Carrier Enterprises Canada	1	\$	15,713.60
Carvello Law Corporation	1	\$	7,079.38
Castlegar & District Hospital Foundation	1	\$	2,500.00
Castlegar, City Of	1	\$	3,344.80
Central Kootenay Garbage Club Inc.	1	\$	9,817.50
Cleartech Industries Inc	3	\$	11,935.56
Columbia Basin Broadband Corporation	1	\$	3,180.80
Community Energy Association	1	\$	15,000.00
Cover Architectural Collaborative Inc.	2	\$	7,571.81
Creston & District Community Complex	1	\$	2,294.00
Creston Valley Chamber Of Commerce	1	\$	2,651.25
Creston, Town Of	4	\$	14,175.53
Cupe Local 2262	2	\$	4,600.76
Dave's Plumbing Ltd	2	\$	4,921.88
DHC Communications Inc	1	\$	2,625.00
Elk Root Conservation Farm Society (BC#A0072993)	1	\$	5,000.00
ESI Elevator Solutions Inc.	1	\$	2,363.08
Factor 5 Group Inc	1	\$	37,708.13
Federation of Canadian Municipalities	1	\$	7,190.38
FortisBC - Electricity	7	\$	48,510.72
Fortisbc - Natural Gas	2	\$	52,531.78
GFL Environmental Inc.	9	\$	169,633.70
Glendale Tire Ltd.	1	\$	2,252.95
Goat Mountain Enterprises Ltd	1	\$	7,717.50
Granicus Canada Holdings ULC	1	\$	11,025.00
Gray's Contracting	2	\$	8,950.20
Hitchon, William DBA: 5th Gear	1	\$	2,600.00
Homewood Health Inc.	1	\$	8,820.00
I.T. Blueprint Solutions Consulting Inc.	3	\$	64,280.89
Kal Tire (Castlegar)	1	\$	4,564.49
Kelly's Maintenance and Services	1	\$	2,625.00
KEM Services	1	\$	6,066.80
Klines Motors Ltd.	2	\$	17,246.25
Kokanee Park Marine Ltd	1	\$	3,150.00
Kootenay Employment Services	1	\$	12,000.00
Kootenay Employment Services Society	1	\$	30,000.00
Kootenay Rockies Disc Golf Society	1	\$	5,000.00
Lamb, Terry	1	\$	2,700.00
Lo-Cost Propane	1	\$	2,457.43
Masse Environmental Consultants Ltd.	2	\$	11,233.62
Mearl's Machine Works Ltd	1	\$	17,734.08
Microsoft Corporation	1	\$	5,160.96
Mills Bros Construction Ltd	2	\$	12,607.00
Minister of Finance	1	\$	2,841.38
Municipal Insurance Association Of BC	1	\$	189,831.00
Nakusp Secondary School	1	\$	5,000.00
Nakusp Ski Club Association	1	\$	5,000.00
Nelson Hydro	2	\$	31,184.35
Nelson Leafs Hockey Society	1	\$	3,937.50
Nelson, City Of	3	\$	29,552.91
One Fire Safety	1	\$	5,433.75
Pine Environmental Canada Inc.	1	\$	2,319.02

Top 80% of payments by value	Number of Payments		Value
	163	\$	
Prism Engineering	2	\$	11,046.00
R.D. of Fraser-Fort George	1	\$	67,572.34
Ramtech Environmental Products	1	\$	3,555.73
Read Jones Christoffersen Ltd.	1	\$	17,825.93
Real Tech Inc.	1	\$	3,373.13
Reliance Office Services Ltd	1	\$	2,415.00
Rfs Canada	1	\$	7,682.25
Riverside Farm	1	\$	3,618.57
Rocky Mountain Agencies	3	\$	8,830.68
Rocky Mountain Phoenix	2	\$	30,186.35
Salmo Ski Club	1	\$	15,000.00
Salmo Valley Trail Society	1	\$	2,500.00
Scheller, Rebecca	1	\$	3,291.80
School District #8	1	\$	5,000.00
Sfj Inc	1	\$	2,442.82
Slocan Solutions Society	1	\$	3,000.00
Slocan, Village of	1	\$	3,000.00
SLR Consulting (Canada) Ltd.	2	\$	19,810.77
Smokey Creek Salvage	1	\$	2,838.08
Sperling Hansen Associates Inc	2	\$	6,628.22
SRK Consulting (Canada) Inc.	1	\$	18,743.04
Stanley Humphries Secondary School	2	\$	8,000.00
Stewart Mcdannold Stuart	1	\$	2,693.60
Studio 9 Architecture & Planning Ltd	1	\$	2,273.26
Sundry Vendor	1	\$	2,997.19
Telus Communications Inc	1	\$	5,467.97
Telus Mobility	1	\$	8,497.69
Tetra Tech Canada Inc.	1	\$	5,469.69
The Governors of the University of Alberta	1	\$	10,354.50
Top Cat Construction Ltd.	1	\$	3,402.00
Tremlock Properties Ltd	2	\$	7,638.80
Trobak, Dan	1	\$	4,677.75
Turlock Electrical Contracting Ltd	1	\$	2,976.75
Urban Systems Ltd.	1	\$	8,366.09
Wesco Distribution-Canada Inc	1	\$	20,221.60
Wild West Drilling Inc	1	\$	2,184.00
Wildland Recreation Solutions	1	\$	3,015.38
Winner Garment Industries Ltd.	1	\$	3,189.91
ZOHO Canada Corporation	1	\$	12,504.80

Accounts Payable Bottom 20% of Payments for January 2023

Remaining 20% of payments by value	Number of Payments		Value
	1,029	\$	
			398,156
1022117 Alberta Ltd.	10	\$	8,155.77
1312853 B.C. LTD DBA: Georama Growers	1	\$	75.61
2 Pump Paul's Gas and Snacks	2	\$	180.41
5 Star Services and Products Inc.	1	\$	974.40
Abell Pest Control Inc	1	\$	776.66
ACE Courier Services	6	\$	425.39
Acklands-Grainger Inc	1	\$	484.14
Air Liquide Canada Inc	4	\$	589.79
Akokli Construction LTD.	2	\$	2,010.75
Allaire, Michael	2	\$	312.98
Alligator Pie Catering	1	\$	497.70
ALS Canada Ltd.	1	\$	792.02
Anderson, Georgina Lynn	1	\$	75.00
Anderson, Penny	1	\$	250.00
Andex Equipment Rentals	3	\$	1,115.13
Andrew Sheret Ltd	27	\$	10,811.02
Applied Industrial Technologies	1	\$	139.40
Arc'teryx Equipment a Division of Amer Sports Canada Inc.	1	\$	206.08
Archibald, Katherine	1	\$	34.68
Arrow Glass Limited	1	\$	871.48
Arrow Lakes Cross Country Ski Club	1	\$	1,800.00
Arrow Lakes Electric Ltd.	2	\$	440.64
Arrow Lakes Search & Rescue	1	\$	1,000.00
Atomic Crayon	1	\$	891.14
Authorized Security Ltd.	1	\$	252.00
B&L Security Patrol (1981) Ltd	1	\$	1,710.45
Bailey, Ann	1	\$	75.00
Balfour & District Business & Historic Association	1	\$	75.00
Balfour Gill And Gift	1	\$	685.07
Bancroft, Michael	1	\$	88.00
BC Hydro & Power Authority	2	\$	1,486.70
BC One Call Limited	1	\$	57.75
Belleau, Melodie	1	\$	75.00
Bench, Heidi	1	\$	131.23
Bigfoot Security Systems	2	\$	529.20
Bill's Heavy Duty Enterprises (2004) Ltd.	1	\$	41.94
Black Press Group Ltd	1	\$	84.26
Bodley, Peter	1	\$	75.00
Bowick Electric	1	\$	595.28
Breath Love Enterprises Ltd. O/A Mountain Valley Station	3	\$	302.05
Brent Kennedy Elementary School	1	\$	1,000.00
Brent Kennedy Parent Advisory Council	3	\$	2,500.00
Brenton Industries Ltd	1	\$	1,260.00
Brodie Consulting Ltd.	1	\$	1,417.50
Brogan Fire & Safety	2	\$	2,089.50
Bronwen Wetter Clay	1	\$	384.00
Burton Elementary School	1	\$	2,000.00
Burton Internet Society	1	\$	39.20
C.A. Fischer Lumber Co. Ltd.	8	\$	1,766.68
Canadian Centre for Occupational Health and Safety	7	\$	135.00
Canadian Linen & Uniform	5	\$	424.22
CanCADD Imaging Solutions Ltd.	1	\$	785.69
CanGas Propane Inc.	6	\$	1,306.03
Caro Analytical Services	1	\$	91.98
Carrier Enterprises Canada	2	\$	3,164.00
Casavant, Kurt	1	\$	287.70
Cascade Lock & Safe	4	\$	197.12
Castlegar & District Community Services Society (CDCSS)	1	\$	250.00
Castlegar & District Hospital Foundation	1	\$	1,000.00
Castlegar & District Minor Hockey Association	2	\$	500.00
Castlegar Home Hardware	1	\$	470.07
Castlegar Selkirk Lions	1	\$	200.00
Castlegar Sports Centre & Fly Shop	1	\$	143.36
Castlegar, City Of	2	\$	1,869.33
CDW Canada Corp	1	\$	1,137.09

Remaining 20% of payments by value	Number of Payments		Value
	1,029	\$	
Chicks in the Coop	1	\$	180.00
Christine Ross Architect	1	\$	1,527.75
Cintas Canada Ltd Location 889	1	\$	143.24
Clark, Gerald	1	\$	75.00
Classic Glass & Trim	1	\$	188.16
Cleartech Industries Inc	1	\$	304.68
Columbia Wireless Inc	7	\$	576.80
Comfort Welding Ltd	3	\$	280.36
Cowan's Office Supplies	21	\$	3,197.50
Cranbrook Water Conditioning Ltd.	2	\$	58.48
Crawford Bay Store	9	\$	1,241.52
Crescent Valley Community Hall Society	1	\$	2,100.00
Creston Valley Shrine Club	3	\$	2,000.00
Creston Valley Team Ropers	1	\$	1,000.00
Creston, Town Of	4	\$	4,462.95
Crockett, Jim	1	\$	653.94
Crosland, Brittany	1	\$	42.70
Cunningham, Hans	3	\$	132.60
Cupe Local 2262	1	\$	2,068.78
Cupe Local 748	3	\$	2,824.06
Custom Stamp & Engraving Ltd	2	\$	351.05
Dave's Plumbing Ltd	1	\$	1,421.88
Davidoff, Andrew	1	\$	48.96
DB Perks & Associates Ltd	7	\$	5,113.86
Defouw, Corey	1	\$	94.50
DHC Communications Inc	2	\$	859.99
Dickieson, Nicole	1	\$	87.84
Distributel Communications Limited	1	\$	324.56
District of Sparwood	1	\$	100.00
Doug'S Disposal Service	1	\$	130.57
East Shore Internet Society	2	\$	122.50
EECOL Electric Corp.	1	\$	655.65
Emco Corporation	2	\$	440.12
Environmental Operators Certification Program	1	\$	103.95
Esler, Christina	1	\$	75.00
Esovoloff, Darren	1	\$	138.88
Expresslane Deliveries	1	\$	268.80
Fanthorpe, Jill	1	\$	36.54
Federal Express Canada Ltd.	1	\$	42.83
Federated Co-Operatives Ltd	8	\$	1,584.36
Fergie, Barbara	1	\$	75.00
Fire Chiefs' Association Of Bc	1	\$	314.00
Flush Away Plumbing & Heating	1	\$	126.00
FortisBC - Electricity	44	\$	18,365.43
Fortisbc - Natural Gas	1	\$	40.97
Four Star Communications Inc	1	\$	115.50
Fraser Valley Building Supplies Inc.	3	\$	573.00
French, Angela	1	\$	241.56
Frozen Solutions Inc. dba Frozen Refrigeration	1	\$	412.25
Fyke, John G	1	\$	291.07
Garrigan, Patrick	1	\$	75.00
Garth'S Plumbing & Heating	1	\$	131.02
George's Excavating Ltd	1	\$	1,890.00
GFL Environmental Inc.	17	\$	12,028.24
Gilbert Parts Depot	5	\$	1,394.05
Goat Mountain Enterprises Ltd	2	\$	4,200.00
GoTo Technologies Canada Ltd.	4	\$	2,522.24
Graham, Cheryl Elaine	1	\$	45.14
Gray Creek Store	2	\$	483.27
Gray's Contracting	3	\$	1,882.40
Greene, Gregory	1	\$	75.00
Guille, Pam	1	\$	1,365.00
Guillevin International Inc	1	\$	199.49
Gwil Industries Inc.	1	\$	1,575.00
Hach Sales and Service Canada Ltd	1	\$	252.48
Hall Printing	3	\$	1,523.68
Hanam, Kevin	1	\$	75.00
Hanegraaf, Henny (Henrica)	1	\$	59.24
Hanson Electric Ltd.	1	\$	357.23
Healthy Community Society of the North Slokan Valley	1	\$	871.50

Remaining 20% of payments by value	Number of Payments		Value
	1,029	\$	
Hewat, Suzan	3	\$	761.52
Hewgill, Mathew	1	\$	125.00
Hilburn, Nina	1	\$	150.00
Hills Recreation Society	1	\$	700.00
Hills, Erika	1	\$	75.00
Hil-Tech Contracting Ltd	1	\$	562.05
Hipperson Hardware	2	\$	22.58
Hi-Way 9 Express Ltd	1	\$	56.19
Hopkyns, John (Chris)	1	\$	75.00
Hufty's Leasing Ltd	1	\$	547.66
Hume Hotel	3	\$	744.03
HuskyPro	1	\$	1,605.55
Hywood Truck & Equipment Ltd	23	\$	12,745.51
ICESoft Technologies Holding Ltd	1	\$	81.02
In the Air Networks	3	\$	268.80
Industrial Alliance Insurance and Financial Services Inc.	1	\$	873.02
Infosat Communications	1	\$	305.42
Inland Allcare	19	\$	6,166.68
Inland Kenworth (Castlegar)	1	\$	483.68
Insurance Corporation of BC	1	\$	82.00
Interior Health Authority - Environmental Health	1	\$	126.00
Iridia Medical	1	\$	778.79
Jackman, Garry	4	\$	334.87
Jakubow Enterprises Ltd o/a Canadian Tire Castlegar (492)	5	\$	709.92
Jennifer Wickwire	2	\$	575.00
Jorgenson, Karin	1	\$	75.00
Justice Institute Of Bc	1	\$	438.72
JY Contracting Ltd.	1	\$	945.00
Kal Tire (Castlegar)	1	\$	869.79
Kal Tire (Nelson)	2	\$	509.83
Kaslo Building Maintenance	1	\$	535.50
Kaslo Building Supplies	1	\$	53.65
Kaslo Community Acupuncture Society	2	\$	1,630.00
Kaslo Housing Society	1	\$	1,000.00
Kaslo Infonet Society	1	\$	72.69
Kaslo Pump	1	\$	271.60
Kaslo, Village Of	3	\$	1,464.37
Kathy Gordon's Cleaning Services	4	\$	367.00
KBRH Health Foundation	1	\$	1,000.00
KEM Services	1	\$	471.15
Kendrick Equipment (2003) Ltd	2	\$	1,016.99
Kennlyn Enterprises	1	\$	268.80
Kilburn, Jackie	1	\$	2,050.00
Kokanee Fire & Safety Ltd.	1	\$	384.63
Kootenay Boatworks	1	\$	469.28
Kootenay Carshare Cooperative	2	\$	45.92
Kootenay Communications Ltd	1	\$	2,079.00
Kootenay Glass & Mirror Ltd	2	\$	2,304.08
Kootenay Industrial Supply Ltd	11	\$	869.23
Kootenay Lake Electric Ltd	6	\$	3,237.62
Kootenay Region - Skate Canada BC/YK	3	\$	1,300.00
Kootenay Valley Water & Spas	4	\$	116.35
Koots Konstruktion	1	\$	1,575.00
Lane, Harvey	1	\$	75.00
Lardeau Valley Opportunity Links Society	1	\$	1,200.00
Lasko, Carolyn	1	\$	75.00
Lectric Ave Electronics	1	\$	33.59
Lesperance Mendes	1	\$	1,613.92
Levine Electric Ltd.	1	\$	489.64
LexisNexis Canada Inc.	1	\$	679.30
Lifesaving Society (Burnaby)	6	\$	2,707.29
Lifesaving Society (Toronto)	2	\$	449.82
Lindsay, Devin F	1	\$	409.92
Little h Design Works	3	\$	948.94
Lockwood, Diana LD	3	\$	170.82
Lo-Cost Propane	1	\$	1,077.85
Lordco Parts Ltd	8	\$	1,890.88
Lorencz, Cal	2	\$	284.76
Lucerne School	1	\$	2,000.00
LV Rogers Graduating Class	1	\$	1,000.00

Remaining 20% of payments by value	Number of Payments		Value
	1,029	\$	
			398,156
Malekow, Pamela	1	\$	75.00
Manhas, Aditya	1	\$	75.00
Martech Electrical Systems Ltd	1	\$	1,779.59
Martech Motor Winding Ltd	1	\$	465.48
Martin's Mechanical	1	\$	771.75
Masewich, Tyler	1	\$	95.00
Masse Enviromental Consultants Ltd.	7	\$	2,817.74
Matthes, Korre	3	\$	415.20
Matthews, Audrey	1	\$	75.00
McCuaig, Stuart	1	\$	50.00
McFaddin, Maria June	2	\$	119.74
Mearl's Machine Works Ltd	1	\$	217.16
Mental Health Commission of Canada	1	\$	170.00
Menzies, Taylor	1	\$	75.00
Merupati, Durga	1	\$	269.33
Mike Jones Enterprises Ltd	2	\$	1,701.00
Mikkelson, Nathan	1	\$	252.00
Mills Office Productivity	4	\$	744.14
Minister Of Finance - Product Distribution Centre	4	\$	770.38
Ministry of Transportation and Infrastructure	1	\$	73.68
Mitchell Supply Ltd	11	\$	1,004.21
Mondia, Anthony	7	\$	1,521.38
Mts Maintenance Tracking Systems Inc	1	\$	367.50
MyZone Media Inc.	1	\$	1,411.87
Nakusp & Area Community Trails Society	1	\$	860.00
Nakusp, Village Of	1	\$	1,230.32
Nanaimo, City of	10	\$	6,203.41
Napa Auto Parts (Nelson)	4	\$	278.48
Navigata Communications Ltd. dba ThinkTel	2	\$	43.55
Nelson & District Arts Council	1	\$	950.00
Nelson & District Museum, Archives, Art Gallery & Historical	1	\$	872.50
Nelson Blueliners Women's Hockey	2	\$	396.00
Nelson Building Centre Ltd	23	\$	2,729.08
Nelson Chrysler A Division of City Auto Ltd	1	\$	437.57
Nelson Daily	1	\$	315.00
Nelson Farmers Supply Ltd	5	\$	181.04
Nelson Food Cupboard	1	\$	1,000.00
Nelson Ford Sales (2003) Inc.	2	\$	2,234.76
Nelson Hydro	20	\$	9,039.68
Nelson, Calvin	1	\$	75.00
Nelson, City Of	3	\$	3,236.73
New Denver Lantern Festival	1	\$	210.00
New Denver, Village Of	1	\$	1,201.00
Newcomen, Jennifer	1	\$	1,064.00
Newell, Thomas	2	\$	38.18
Noel, Andre	1	\$	1,437.20
North Shore Water Utility Nelson Ltd.	1	\$	462.00
Northtown Rental & Sales	1	\$	50.35
Olympic International Agencies Ltd	2	\$	936.21
One Fire Safety	1	\$	370.00
Orion Fire Distribution Ltd.	1	\$	1,427.16
Orkin Canada Corporation	2	\$	327.45
Oso Negro	1	\$	34.00
Overland West Freight Lines Ltd	1	\$	1,745.88
Panio, Gerald	1	\$	165.02
Pass Creek Exhibition Society	1	\$	500.00
Pass Creek Neighbourhood Association	1	\$	600.00
Passmore Laboratory Ltd	5	\$	950.00
Patterson, Greg	1	\$	79.26
Pavilion Bluebird Volunteers	1	\$	400.00
Pennywise	2	\$	1,053.00
Pipe, Nicolai	2	\$	409.40
Pitbull Contracting ltd	1	\$	1,317.40
Popoff, Walter A	4	\$	159.96
Prestige Lakeside Resort	1	\$	1,624.58
Procter General Store	2	\$	720.49
Purolator Inc	1	\$	41.25
Pyramid Building Supplies	3	\$	20.04
Quality Saw & Knife Ltd.	1	\$	262.65
Receiver General	1	\$	219.60

Remaining 20% of payments by value	Number of Payments		Value
	1,029	\$	
Rfs Canada	9	\$	968.51
Ricoh Canada Inc	3	\$	267.54
Right Touch Auto Detailing, The	1	\$	372.68
Riondel Cable Society	2	\$	80.00
Riverside Farm	8	\$	3,447.15
Roadpost Inc. T46274	2	\$	644.82
Roble Trucking	1	\$	1,246.88
Robot Spider Clothing and Screenworks	1	\$	889.62
Rocky Mountain Agencies	3	\$	3,920.13
Rocky Mountain Phoenix	1	\$	560.70
Rocky Point Engineering Ltd.	2	\$	1,365.00
Roenspiess, Ethan (Kai)	1	\$	75.00
Rook Design Media	1	\$	168.00
Rushforth, Nathen	1	\$	455.00
Rye, Kristine	1	\$	75.00
Salmo Valley Youth & Community Centre	1	\$	866.67
Salmo Valley Youth & Community Centre	1	\$	1,227.32
Salmo Watershed Streamkeepers	1	\$	1,000.00
Salmon, Evan	2	\$	106.42
Scheller, Rebecca	1	\$	257.25
Schmidt, Julie	1	\$	75.00
Secure By Design	3	\$	296.45
Selkirk Irrigation Services	4	\$	740.53
Selkirk Security Services Ltd	5	\$	580.03
Shapovalov, Shannon	1	\$	75.00
Shaw Buisness A division of Shaw Telecom G.P.	1	\$	987.25
Shaw Cable	29	\$	3,953.42
Shoreacres Neighbourhood Community Association	1	\$	600.00
Shulman, Barak	1	\$	45.00
Silverton Community Club	1	\$	250.00
Siminoff, Daniel	1	\$	72.80
Sitek, Les	1	\$	250.00
Sk Electronics Ltd	19	\$	7,830.13
Skyway Hardware	1	\$	36.15
Slocan Park Community Hall Society	2	\$	1,004.75
Slocan Solutions Society	1	\$	880.00
Slocan Valley Home Hardware	3	\$	334.64
Slocan, Village Of	2	\$	1,869.00
Slocan, Village of	3	\$	1,500.00
SLR Consulting (Canada) Ltd.	1	\$	1,618.04
Smienk, Johannes	1	\$	10.50
Smokey Creek Salvage	1	\$	552.16
South Kootenay Lake Community Service Society	2	\$	1,050.00
Speedpro Signs	4	\$	1,802.34
SQx Danza	1	\$	864.60
Stafford Welding	1	\$	236.25
Stavast, Laura	1	\$	73.50
Sterling Backcheck Canada Corp.	1	\$	186.35
Stewart, Heather	2	\$	96.00
Sullivan, Kevin	1	\$	75.00
Sun Life Assurance Company of Canada	2	\$	1,211.07
Sundry Vendor	31	\$	8,141.26
Sutco Contracting Ltd	1	\$	771.82
Swift Internet	4	\$	291.20
Taghum Community Hall Society	1	\$	600.00
Taghum Shell (1997)	28	\$	3,152.18
Technical Safety BC	3	\$	198.00
Teck Metals Ltd	1	\$	1,050.00
Telus Communications Inc	6	\$	2,141.87
Tenaquip Industrial Distribution	1	\$	241.25
The AME Consulting Group Ltd.	1	\$	1,470.00
The Trainer's Box	1	\$	462.00
Thiele, Dustin	1	\$	100.00
Thor Mechanical Ltd.	2	\$	1,761.63
Thurber Engineering Ltd.	1	\$	2,047.50
Tierney, Roger Bruce	2	\$	366.12
Tip-it Waste Solutions Inc.	4	\$	1,129.19
Trainor Mechanical Contractors Ltd	1	\$	892.50
Trane Canada ULC	1	\$	2,066.93
Treadmill Factory, The	1	\$	362.00

Remaining 20% of payments by value	Number of Payments		Value
	1,029	\$	
Tremlock Properties Ltd	2	\$	2,006.83
Trottier, Nadine	1	\$	75.00
Trowalex Equipment Rentals And Sales	3	\$	476.61
Troy Life & Fire Safety Ltd	1	\$	699.30
Tu-Dor Lock & Safe Ltd	3	\$	34.99
Twin Rivers Controls Ltd	1	\$	808.50
Uline Canada Corporation	2	\$	903.97
Unit4 Business Software Corporation	1	\$	987.00
Univar Canada Ltd	1	\$	1,685.59
Urban Systems Ltd.	1	\$	1,899.45
Valhalla Refrigeration Ltd	1	\$	252.00
Valley Voice Ltd	3	\$	657.30
Van Houtte Coffee Services	1	\$	212.59
Van Kam Freightways Ltd	6	\$	1,808.16
Van Veller, Sean	1	\$	75.00
Vandenberghe, Kelly	2	\$	347.20
Versa-Task Services	1	\$	540.00
Vista Radio Ltd	1	\$	504.00
Vitalaire Canada Inc	1	\$	8.12
Waldroff, Collin	1	\$	75.00
Waste Management	11	\$	6,265.32
Watson, Aimee	3	\$	448.80
Weatherhead, Teresa A	1	\$	199.92
Wesco Distribution-Canada Inc	6	\$	408.79
West Kootenay Cleaners	1	\$	970.20
Western Auto Wreckers (1974) Ltd	1	\$	511.88
WEX Canada Ltd.	1	\$	1,703.09
WFR Wholesale Fire & Rescue Ltd	4	\$	1,298.54
Whitney, Stephanie	1	\$	74.80
Wildland Recreation Solutions	2	\$	3,234.77
Wilkinson, James	1	\$	75.00
Wolseley Waterworks Branch	1	\$	963.20
Wood Wyant Inc	6	\$	5,491.53
Wood, Graeme	2	\$	200.00
Wood, Roy	1	\$	367.50
Woodland Equipment Inc.	1	\$	184.36
Worden, Shiree	2	\$	474.56
Workplace Safety & Insurance Board	1	\$	45.75
Xplore Inc.	1	\$	111.44
Yahk-Kingsgate Recreation Society	1	\$	1,000.00
Yellow Pages Group	2	\$	202.12
Zaitz, Gregory	1	\$	125.00
Zeo Tec Ltd	1	\$	462.00
ZOLL Medical Canada Inc.	1	\$	655.20
Zone West Enterprises Ltd	2	\$	1,308.16

Employees and Directors January 2023

Directors	Number of Payments		Value
	35		3,610
Cunningham, Hans	3	\$	132.60
Davidoff, Andrew	1	\$	48.96
Fyke, John G	1	\$	291.07
Graham, Cheryl Elaine	1	\$	45.14
Hanegraaf, Henny (Henrica)	1	\$	59.24
Hewat, Suzan	3	\$	761.52
Jackman, Garry	4	\$	334.87
Lockwood, Diana LD	3	\$	170.82
McFaddin, Maria June	2	\$	119.74
Newell, Thomas	2	\$	38.18
Popoff, Walter A	4	\$	159.96
Smienk, Johannes	1	\$	10.50
Tierney, Roger Bruce	2	\$	366.12
Vandenberghe, Kelly	2	\$	347.20
Waldroff, Collin	1	\$	75.00
Watson, Aimee	3	\$	448.80
Weatherhead, Teresa A	1	\$	199.92

Employees	Number of Payments		Value
	69	\$	13,041
Allaire, Michael	2	\$	312.98
Anderson, Georgina Lynn	1	\$	75.00
Archibald, Katherine	1	\$	34.68
Bailey, Ann	1	\$	75.00
Bancroft, Michael	1	\$	88.00
Belleau, Melodie	1	\$	75.00
Bench, Heidi	1	\$	131.23
Bodley, Peter	1	\$	75.00
Casavant, Kurt	1	\$	287.70
Clark, Gerald	1	\$	75.00
Crockett, Jim	1	\$	653.94
Crosland, Brittany	1	\$	42.70
Defouw, Corey	1	\$	94.50
Dickieson, Nicole	1	\$	87.84
Esler, Christina	1	\$	75.00
Esovoloff, Darren	1	\$	138.88
Fanthorpe, Jill	1	\$	36.54
Fergie, Barbara	1	\$	75.00
French, Angela	1	\$	241.56
Garrigan, Patrick	1	\$	75.00
Greene, Gregory	1	\$	75.00
Hanam, Kevin	1	\$	75.00
Hills, Erika	1	\$	75.00
Hopkyns, John (Chris)	1	\$	75.00
Jorgenson, Karin	1	\$	75.00
Lane, Harvey	1	\$	75.00
Lasko, Carolyn	1	\$	75.00
Lindsay, Devin F	1	\$	409.92
Lorencz, Cal	2	\$	284.76
Malekow, Pamela	1	\$	75.00
Manhas, Aditya	1	\$	75.00
Masewich, Tyler	1	\$	95.00
Matthes, Korre	3	\$	415.20
Matthews, Audrey	1	\$	75.00
McCuaig, Stuart	1	\$	50.00
Menzies, Taylor	1	\$	75.00
Merupati, Durga	1	\$	269.33
Mikkelson, Nathan	1	\$	252.00
Nelson, Calvin	1	\$	75.00
Noel, Andre	1	\$	1,437.20
Patterson, Greg	1	\$	79.26
Pipe, Nicolai	2	\$	409.40
Roenspiess, Ethan (Kai)	1	\$	75.00
Rye, Kristine	1	\$	75.00
Salmon, Evan	2	\$	106.42
Scheller, Rebecca	2	\$	3,549.05
Schmidt, Julie	1	\$	75.00
Shapovalov, Shannon	1	\$	75.00
Shulman, Barak	1	\$	45.00
Siminoff, Daniel	1	\$	72.80
Stavast, Laura	1	\$	73.50
Sullivan, Kevin	1	\$	75.00
Trottier, Nadine	1	\$	75.00

Employees	Number of Payments		Value
	69	\$	
Van Veller, Sean	1	\$	75.00
Whitney, Stephanie	1	\$	74.80
Wilkinson, James	1	\$	75.00
Wood, Graeme	2	\$	200.00
Wood, Roy	1	\$	367.50
Worden, Shiree	2	\$	474.56
Zaitz, Gregory	1	\$	125.00
			13,041

Accounts Payable for January 2023 Breakdown by Type of Payment

Discretionary, Community Development, and Other Grants	Number of Payments		\$	133,166
	63			
Arrow Lakes Cross Country Ski Club	1		\$	1,800.00
Arrow Lakes Search & Rescue	1		\$	1,000.00
Brent Kennedy Elementary School	1		\$	1,000.00
Brent Kennedy Parent Advisory Council	3		\$	2,500.00
Burton Elementary School	1		\$	2,000.00
Castlegar & District Community Services Society (CDCSS)	1		\$	250.00
Castlegar & District Hospital Foundation	2		\$	3,500.00
Castlegar & District Minor Hockey Association	2		\$	500.00
Community Energy Association	1		\$	15,000.00
Creston Valley Shrine Club	3		\$	2,000.00
Creston Valley Team Ropers	1		\$	1,000.00
Elk Root Conservation Farm Society (BC#A0072993)	1		\$	5,000.00
Healthy Community Society of the North Slokan Valley	1		\$	871.50
Kaslo Community Acupuncture Society	2		\$	1,630.00
Kaslo Housing Society	1		\$	1,000.00
KBRH Health Foundation	1		\$	1,000.00
Kootenay Employment Services	1		\$	12,000.00
Kootenay Region - Skate Canada BC/YK	3		\$	1,300.00
Kootenay Rockies Disc Golf Society	1		\$	5,000.00
Lardeau Valley Opportunity Links Society	1		\$	1,200.00
Lucerne School	1		\$	2,000.00
LV Rogers Graduating Class	1		\$	1,000.00
Nakusp & Area Community Trails Society	1		\$	860.00
Nakusp Secondary School	1		\$	5,000.00
Nakusp Ski Club Association	1		\$	5,000.00
Nelson & District Arts Council	1		\$	950.00
Nelson & District Museum, Archives, Art Gallery & Historical	1		\$	872.50
Nelson Blueliners Women's Hockey	2		\$	396.00
Nelson Food Cupboard	1		\$	1,000.00
New Denver Lantern Festival	1		\$	210.00
Pass Creek Exhibition Society	1		\$	500.00
Pass Creek Neighbourhood Association	1		\$	600.00
Pavilion Bluebird Volunteers	1		\$	400.00
Salmo Ski Club	1		\$	15,000.00
Salmo Valley Trail Society	1		\$	2,500.00
Salmo Valley Youth & Community Centre	1		\$	1,227.32
Salmo Watershed Streamkeepers	1		\$	1,000.00
School District #8	1		\$	5,000.00
Shoreacres Neighbourhood Community Association	1		\$	600.00
Silverton Community Club	1		\$	250.00
Slocan Solutions Society	2		\$	3,880.00
Slocan, Village of	4		\$	4,500.00
South Kootenay Lake Community Service Society	2		\$	1,050.00
SQx Danza	1		\$	864.60
Stanley Humphries Secondary School	2		\$	8,000.00
Taghum Community Hall Society	1		\$	600.00
The Governors of the University of Alberta	1		\$	10,354.50

All Other Vendors	Number of Payments		\$	Value	1,840,747
	1,025				
1022117 Alberta Ltd.	18		\$	69,088.92	
1312853 B.C. LTD DBA: Georama Growers	1		\$	75.61	
2 Pump Paul's Gas and Snacks	2		\$	180.41	
5 Star Services and Products Inc.	1		\$	974.40	
Abell Pest Control Inc	1		\$	776.66	
ACE Courier Services	6		\$	425.39	
Acklands-Grainger Inc	1		\$	484.14	
Adm Electric Ltd	1		\$	3,024.00	
Air Liquide Canada Inc	4		\$	589.79	
Akokli Construction LTD.	5		\$	20,795.25	
Alfred Horie Construction Co. Ltd.	1		\$	50,806.29	
Alligator Pie Catering	1		\$	497.70	
ALS Canada Ltd.	1		\$	792.02	
Anderson, Penny	1		\$	250.00	
Andex Equipment Rentals	5		\$	6,514.87	
Andrew Sheret Ltd	27		\$	10,811.02	
Applied Industrial Technologies	1		\$	139.40	
Arc'teryx Equipment a Division of Amer Sports Canada Inc.	1		\$	206.08	
Arrow Glass Limited	1		\$	871.48	
Arrow Lakes Aggregates	1		\$	17,944.82	
Arrow Lakes Electric Ltd.	2		\$	440.64	
Associated Fire Safety Equipment	2		\$	9,209.55	
Association of Kootenay & Boundary Local Governments (AKBLG)	1		\$	12,128.42	
Atomic Crayon	1		\$	891.14	
Authorized Security Ltd.	1		\$	252.00	
B&L Security Patrol (1981) Ltd	1		\$	1,710.45	
B.C. Scale Co. Ltd.	1		\$	7,473.20	
Balfour & District Business & Historic Association	1		\$	75.00	
Balfour Gill And Gift	1		\$	685.07	
BC Hydro & Power Authority	2		\$	1,486.70	
BC One Call Limited	1		\$	57.75	
BGC Engineering Inc.	3		\$	79,319.62	
Bi Purewater	1		\$	4,005.72	
Bigfoot Security Systems	2		\$	529.20	
Bill's Heavy Duty Enterprises (2004) Ltd.	1		\$	41.94	
Black Press Group Ltd	2		\$	4,847.68	
Bowick Electric	1		\$	595.28	
Breath Love Enterprises Ltd. O/A Mountain Valley Station	3		\$	302.05	

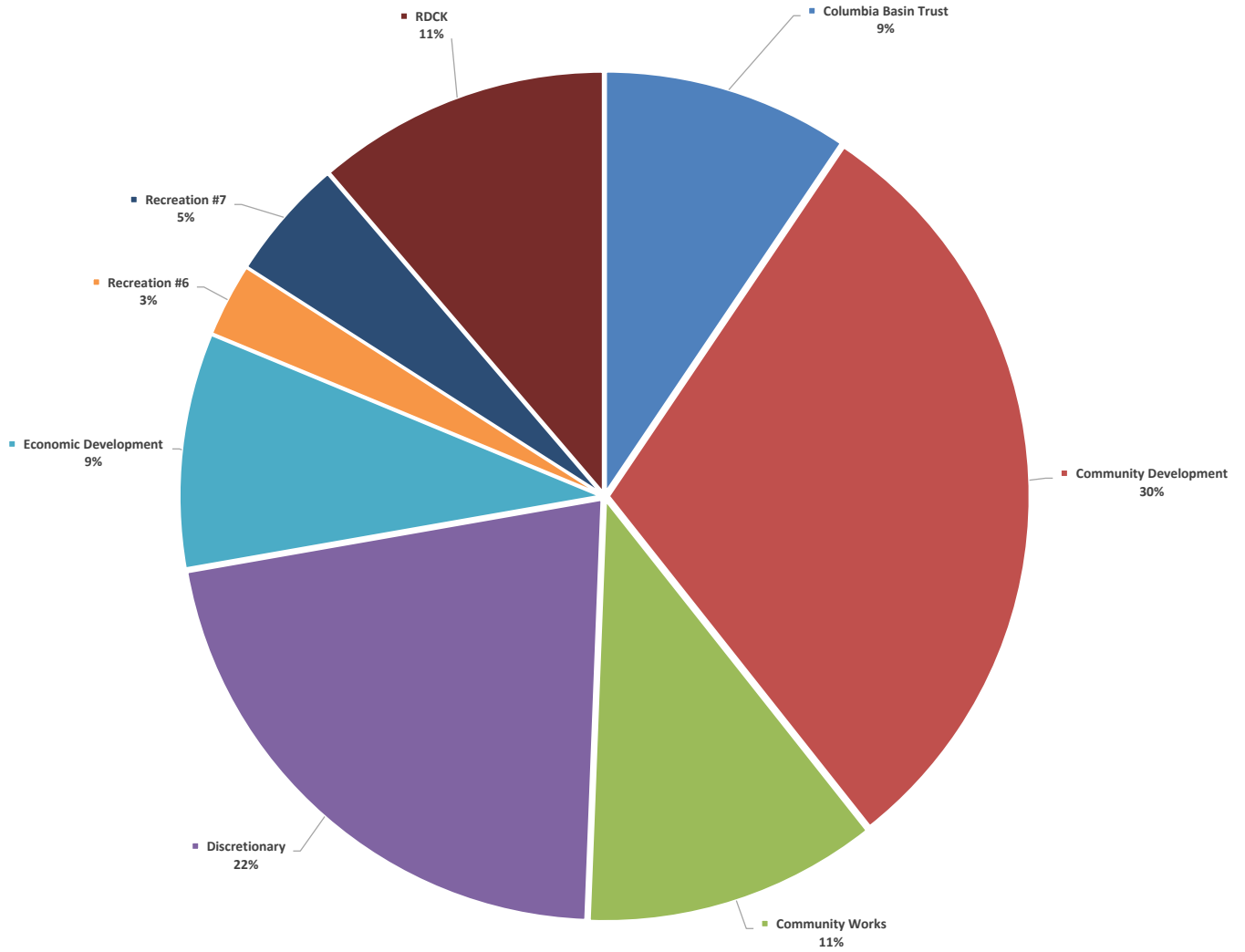
Slocan, Village of	4	\$	4,500.00
South Kootenay Lake Community Service Society	2	\$	1,050.00
Brenton Industries Ltd	2	\$	5,040.00
Brodie Consulting Ltd.	1	\$	1,417.50
Brogan Fire & Safety	2	\$	2,089.50
Bronwen Wetter Clay	1	\$	384.00
Burkert Canada Inc	1	\$	3,305.63
Burton Internet Society	1	\$	39.20
C.A. Fischer Lumber Co. Ltd.	8	\$	1,766.68
Canadian Aerothermal	1	\$	3,160.50
Canadian Centre for Occupational Health and Safety	7	\$	135.00
Canadian Linen & Uniform	5	\$	424.22
CanCADD Imaging Solutions Ltd.	1	\$	785.69
CanGas Propane Inc.	9	\$	11,316.48
Carey McIver & Associates Ltd.	1	\$	2,425.50
Caro Analytical Services	1	\$	91.98
Carrier Enterprises Canada	3	\$	18,877.60
Carvello Law Corporation	1	\$	7,079.38
Cascade Lock & Safe	4	\$	197.12
Castlegar Home Hardware	1	\$	470.07
Castlegar Selkirk Lions	1	\$	200.00
Castlegar Sports Centre & Fly Shop	1	\$	143.36
Castlegar, City Of	3	\$	5,214.13
CDW Canada Corp	1	\$	1,137.09
Central Kootenay Garbage Club Inc.	1	\$	9,817.50
Chicks in the Coop	1	\$	180.00
Christine Ross Architect	1	\$	1,527.75
Cintas Canada Ltd Location 889	1	\$	143.24
Classic Glass & Trim	1	\$	188.16
Cleartech Industries Inc	4	\$	12,240.24
Columbia Basin Broadband Corporation	1	\$	3,180.80
Columbia Wireless Inc	7	\$	576.80
Comfort Welding Ltd	3	\$	280.36
Cover Architectural Collaborative Inc.	2	\$	7,571.81
Cowan's Office Supplies	21	\$	3,197.50
Cranbrook Water Conditioning Ltd.	2	\$	58.48
Crawford Bay Store	9	\$	1,241.52
Crescent Valley Community Hall Society	1	\$	2,100.00
Creston & District Community Complex	1	\$	2,294.00
Creston Valley Chamber Of Commerce	1	\$	2,651.25
Creston, Town Of	8	\$	18,638.48
Cupe Local 2262	3	\$	6,669.54
Cupe Local 748	3	\$	2,824.06
Custom Stamp & Engraving Ltd	2	\$	351.05
Dave's Plumbing Ltd	3	\$	6,343.76
DB Perks & Associates Ltd	7	\$	5,113.86
DHC Communications Inc	3	\$	3,484.99
Distributel Communications Limited	1	\$	324.56
District of Sparwood	1	\$	100.00
Doug'S Disposal Service	1	\$	130.57
East Shore Internet Society	2	\$	122.50
EECOL Electric Corp.	1	\$	655.65
Emco Corporation	2	\$	440.12
Environmental Operators Certification Program	1	\$	103.95
ESI Elevator Solutions Inc.	1	\$	2,363.08
Expresslane Deliveries	1	\$	268.80
Factor 5 Group Inc	1	\$	37,708.13
Federal Express Canada Ltd.	1	\$	42.83
Federated Co-Operatives Ltd	8	\$	1,584.36
Federation of Canadian Municipalities	1	\$	7,190.38
Fire Chiefs' Association Of Bc	1	\$	314.00
Flush Away Plumbing & Heating	1	\$	126.00
FortisBC - Electricity	51	\$	66,876.15
Fortisbc - Natural Gas	3	\$	52,572.75
Four Star Communications Inc	1	\$	115.50
Fraser Valley Building Supplies Inc.	3	\$	573.00
Frozen Solutions Inc. dba Frozen Refrigeration	1	\$	412.25
Garth'S Plumbing & Heating	1	\$	131.02
George's Excavating Ltd	1	\$	1,890.00
GFL Environmental Inc.	26	\$	181,661.94
Gilbert Parts Depot	5	\$	1,394.05
Glendale Tire Ltd.	1	\$	2,252.95
Goat Mountain Enterprises Ltd	3	\$	11,917.50
GoTo Technologies Canada Ltd.	4	\$	2,522.24
Granicus Canada Holdings ULC	1	\$	11,025.00
Gray Creek Store	2	\$	483.27
Gray's Contracting	5	\$	10,832.60
Guille, Pam	1	\$	1,365.00
Guillevin International Inc	1	\$	199.49
Gwil Industries Inc.	1	\$	1,575.00
Hach Sales and Service Canada Ltd	1	\$	252.48
Hall Printing	3	\$	1,523.68
Hanson Electric Ltd.	1	\$	357.23
Hewgill, Mathew	1	\$	125.00
Hilburn, Nina	1	\$	150.00
Hills Recreation Society	1	\$	700.00
Hil-Tech Contracting Ltd	1	\$	562.05
Hipperson Hardware	2	\$	22.58
Hitchon, William DBA: 5th Gear	1	\$	2,600.00
Hi-Way 9 Express Ltd	1	\$	56.19
Homewood Health Inc.	1	\$	8,820.00
Huffy's Leasing Ltd	1	\$	547.66
Hume Hotel	3	\$	744.03
HuskyPro	1	\$	1,605.55
Hywood Truck & Equipment Ltd	23	\$	12,745.51
I.T. Blueprint Solutions Consulting Inc.	3	\$	64,280.89
ICESoft Technologies Holding Ltd	1	\$	81.02
In the Air Networks	3	\$	268.80

Slocan, Village of	4	\$	4,500.00
South Kootenay Lake Community Service Society	2	\$	1,050.00
Industrial Alliance Insurance and Financial Services Inc.	1	\$	873.02
Infosat Communications	1	\$	305.42
Inland Allcare	19	\$	6,166.68
Inland Kenworth (Castlegar)	1	\$	483.68
Insurance Corporation of BC	1	\$	82.00
Interior Health Authority - Environmental Health	1	\$	126.00
Iridia Medical	1	\$	778.79
Jakubow Enterprises Ltd o/a Canadian Tire Castlegar (492)	5	\$	709.92
Jennifer Wickwire	2	\$	575.00
Justice Institute Of Bc	1	\$	438.72
JY Contracting Ltd.	1	\$	945.00
Kal Tire (Castlegar)	2	\$	5,434.28
Kal Tire (Nelson)	2	\$	509.83
Kaslo Building Maintenance	1	\$	535.50
Kaslo Building Supplies	1	\$	53.65
Kaslo Infonet Society	1	\$	72.69
Kaslo Pump	1	\$	271.60
Kaslo, Village Of	3	\$	1,464.37
Kathy Gordon's Cleaning Services	4	\$	367.00
Kelly's Maintenance and Services	1	\$	2,625.00
KEM Services	2	\$	6,537.95
Kendrick Equipment (2003) Ltd	2	\$	1,016.99
Kennlyn Enterprises	1	\$	268.80
Kilburn, Jackie	1	\$	2,050.00
Klines Motors Ltd.	2	\$	17,246.25
Kokanee Fire & Safety Ltd.	1	\$	384.63
Kokanee Park Marine Ltd	1	\$	3,150.00
Kootenay Boatworks	1	\$	469.28
Kootenay Carshare Cooperative	2	\$	45.92
Kootenay Communications Ltd	1	\$	2,079.00
Kootenay Employment Services Society	1	\$	30,000.00
Kootenay Glass & Mirror Ltd	2	\$	2,304.08
Kootenay Industrial Supply Ltd	11	\$	869.23
Kootenay Lake Electric Ltd	6	\$	3,237.62
Kootenay Valley Water & Spas	4	\$	116.35
Koots Konstruktion	1	\$	1,575.00
Lamb, Terry	1	\$	2,700.00
Lectric Ave Electronics	1	\$	33.59
Lesperance Mendes	1	\$	1,613.92
Levine Electric Ltd.	1	\$	489.64
LexisNexis Canada Inc.	1	\$	679.30
Lifesaving Society (Burnaby)	6	\$	2,707.29
Lifesaving Society (Toronto)	2	\$	449.82
Little h Design Works	3	\$	948.94
Lo-Cost Propane	2	\$	3,535.28
Lordco Parts Ltd	8	\$	1,890.88
Martech Electrical Systems Ltd	1	\$	1,779.59
Martech Motor Winding Ltd	1	\$	465.48
Martin's Mechanical	1	\$	771.75
Masse Environmental Consultants Ltd.	9	\$	14,051.36
Mearl's Machine Works Ltd	2	\$	17,951.24
Mental Health Commission of Canada	1	\$	170.00
Microsoft Corporation	1	\$	5,160.96
Mike Jones Enterprises Ltd	2	\$	1,701.00
Mills Bros Construction Ltd	2	\$	12,607.00
Mills Office Productivity	4	\$	744.14
Minister of Finance	1	\$	2,841.38
Minister Of Finance - Product Distribution Centre	4	\$	770.38
Ministry of Transportation and Infrastructure	1	\$	73.68
Mitchell Supply Ltd	11	\$	1,004.21
Mondia, Anthony	7	\$	1,521.38
Mts Maintenance Tracking Systems Inc	1	\$	367.50
Municipal Insurance Association Of BC	1	\$	189,831.00
MyZone Media Inc.	1	\$	1,411.87
Nakusp, Village Of	1	\$	1,230.32
Nanaimo, City of	10	\$	6,203.41
Napa Auto Parts (Nelson)	4	\$	278.48
Navigata Communications Ltd. dba ThinkTel	2	\$	43.55
Nelson Building Centre Ltd	23	\$	2,729.08
Nelson Chrysler A Division of City Auto Ltd	1	\$	437.57
Nelson Daily	1	\$	315.00
Nelson Farmers Supply Ltd	5	\$	181.04
Nelson Ford Sales (2003) Inc.	2	\$	2,234.76
Nelson Hydro	22	\$	40,224.03
Nelson Leafs Hockey Society	1	\$	3,937.50
Nelson, City Of	6	\$	32,789.64
New Denver, Village Of	1	\$	1,201.00
Newcomen, Jennifer	1	\$	1,064.00
North Shore Water Utility Nelson Ltd.	1	\$	462.00
Northtown Rental & Sales	1	\$	50.35
Olympic International Agencies Ltd	2	\$	936.21
One Fire Safety	2	\$	5,803.75
Orion Fire Distribution Ltd.	1	\$	1,427.16
Orkin Canada Corporation	2	\$	327.45
Oso Negro	1	\$	34.00
Overland West Freight Lines Ltd	1	\$	1,745.88
Panio, Gerald	1	\$	165.02
Passmore Laboratory Ltd	5	\$	950.00
Pennywise	2	\$	1,053.00
Pine Environmental Canada Inc.	1	\$	2,319.02
Pitbull Contracting Ltd	1	\$	1,317.40
Prestige Lakeside Resort	1	\$	1,624.58
Prism Engineering	2	\$	11,046.00
Procter General Store	2	\$	720.49
Purolator Inc	1	\$	41.25
Pyramid Building Supplies	3	\$	20.04

Slocan, Village of	4	\$	4,500.00
South Kootenay Lake Community Service Society	2	\$	1,050.00
Quality Saw & Knife Ltd.	1	\$	262.65
R.D. of Fraser-Fort George	1	\$	67,572.34
Ramtech Environmental Products	1	\$	3,555.73
Read Jones Christoffersen Ltd.	1	\$	17,825.93
Real Tech Inc.	1	\$	3,373.13
Receiver General	1	\$	219.60
Reliance Office Services Ltd	1	\$	2,415.00
Rfs Canada	10	\$	8,650.76
Ricoh Canada Inc	3	\$	267.54
Right Touch Auto Detailing, The	1	\$	372.68
Riondel Cable Society	2	\$	80.00
Riverside Farm	9	\$	7,065.72
Roadpost Inc. T46274	2	\$	644.82
Roblee Trucking	1	\$	1,246.88
Robot Spider Clothing and Screenworks	1	\$	889.62
Rocky Mountain Agencies	6	\$	12,750.81
Rocky Mountain Phoenix	3	\$	30,747.05
Rocky Point Engineering Ltd.	2	\$	1,365.00
Rook Design Media	1	\$	168.00
Rushforth, Nathen	1	\$	455.00
Salmo Valley Youth & Community Centre	1	\$	866.67
Secure By Design	3	\$	296.45
Selkirk Irrigation Services	4	\$	740.53
Selkirk Security Services Ltd	5	\$	580.03
Sfj Inc	1	\$	2,442.82
Shaw Buisness A division of Shaw Telecom G.P.	1	\$	987.25
Shaw Cable	29	\$	3,953.42
Sitek, Les	1	\$	250.00
Sk Electronics Ltd	19	\$	7,830.13
Skyway Hardware	1	\$	36.15
Slocan Park Community Hall Society	2	\$	1,004.75
Slocan Valley Home Hardware	3	\$	334.64
Slocan, Village Of	2	\$	1,869.00
SLR Consulting (Canada) Ltd.	3	\$	21,428.81
Smokey Creek Salvage	2	\$	3,390.24
Speedpro Signs	4	\$	1,802.34
Sperling Hansen Associates Inc	2	\$	6,628.22
SRK Consulting (Canada) Inc.	1	\$	18,743.04
Stafford Welding	1	\$	236.25
Sterling Backcheck Canada Corp.	1	\$	186.35
Stewart Mcdannold Stuart	1	\$	2,693.60
Stewart, Heather	2	\$	96.00
Studio 9 Architecture & Planning Ltd	1	\$	2,273.26
Sun Life Assurance Company of Canada	2	\$	1,211.07
Sundry Vendor	32	\$	11,138.45
Sutco Contracting Ltd	1	\$	771.82
Swift Internet	4	\$	291.20
Taghum Shell (1997)	28	\$	3,152.18
Technical Safety BC	3	\$	198.00
Teck Metals Ltd	1	\$	1,050.00
Telus Communications Inc	7	\$	7,609.84
Telus Mobility	1	\$	8,497.69
Tenaquip Industrial Distribution	1	\$	241.25
Tetra Tech Canada Inc.	1	\$	5,469.69
The AME Consulting Group Ltd.	1	\$	1,470.00
The Trainer's Box	1	\$	462.00
Thiele, Dustin	1	\$	100.00
Thor Mechanical Ltd.	2	\$	1,761.63
Thurber Engineering Ltd.	1	\$	2,047.50
Tip-it Waste Solutions Inc.	4	\$	1,129.19
Top Cat Construction Ltd.	1	\$	3,402.00
Trainer Mechanical Contractors Ltd	1	\$	892.50
Trane Canada ULC	1	\$	2,066.93
Treadmill Factory, The	1	\$	362.00
Tremlock Properties Ltd	4	\$	9,645.63
Trobak, Dan	1	\$	4,677.75
Trowelex Equipment Rentals And Sales	3	\$	476.61
Troy Life & Fire Safety Ltd	1	\$	699.30
Tu-Dor Lock & Safe Ltd	3	\$	34.99
Turlock Electrical Contracting Ltd	1	\$	2,976.75
Twin Rivers Controls Ltd	1	\$	808.50
Uline Canada Corporation	2	\$	903.97
Unit4 Business Software Corporation	1	\$	987.00
Univar Canada Ltd.	1	\$	1,685.59
Urban Systems Ltd.	2	\$	10,265.54
Valhalla Refrigeration Ltd	1	\$	252.00
Valley Voice Ltd	3	\$	657.30
Van Houtte Coffee Services	1	\$	212.59
Van Kam Freightways Ltd	6	\$	1,808.16
Versa-Task Services	1	\$	540.00
Vista Radio Ltd	1	\$	504.00
Vitalaire Canada Inc	1	\$	8.12
Waste Management	11	\$	6,265.32
Wesco Distribution-Canada Inc	7	\$	20,630.39
West Kootenay Cleaners	1	\$	970.20
Western Auto Wreckers (1974) Ltd	1	\$	511.88
WEX Canada Ltd.	1	\$	1,703.09
WFR Wholesale Fire & Rescue Ltd	4	\$	1,298.54
Wild West Drilling Inc	1	\$	2,184.00
Wildland Recreation Solutions	3	\$	6,250.15
Winner Garment Industries Ltd.	1	\$	3,189.91
Wolseley Waterworks Branch	1	\$	963.20
Wood Wyant Inc	6	\$	5,491.53
Woodland Equipment Inc.	1	\$	184.36
Workplace Safety & Insurance Board	1	\$	45.75
Xplore Inc.	1	\$	111.44

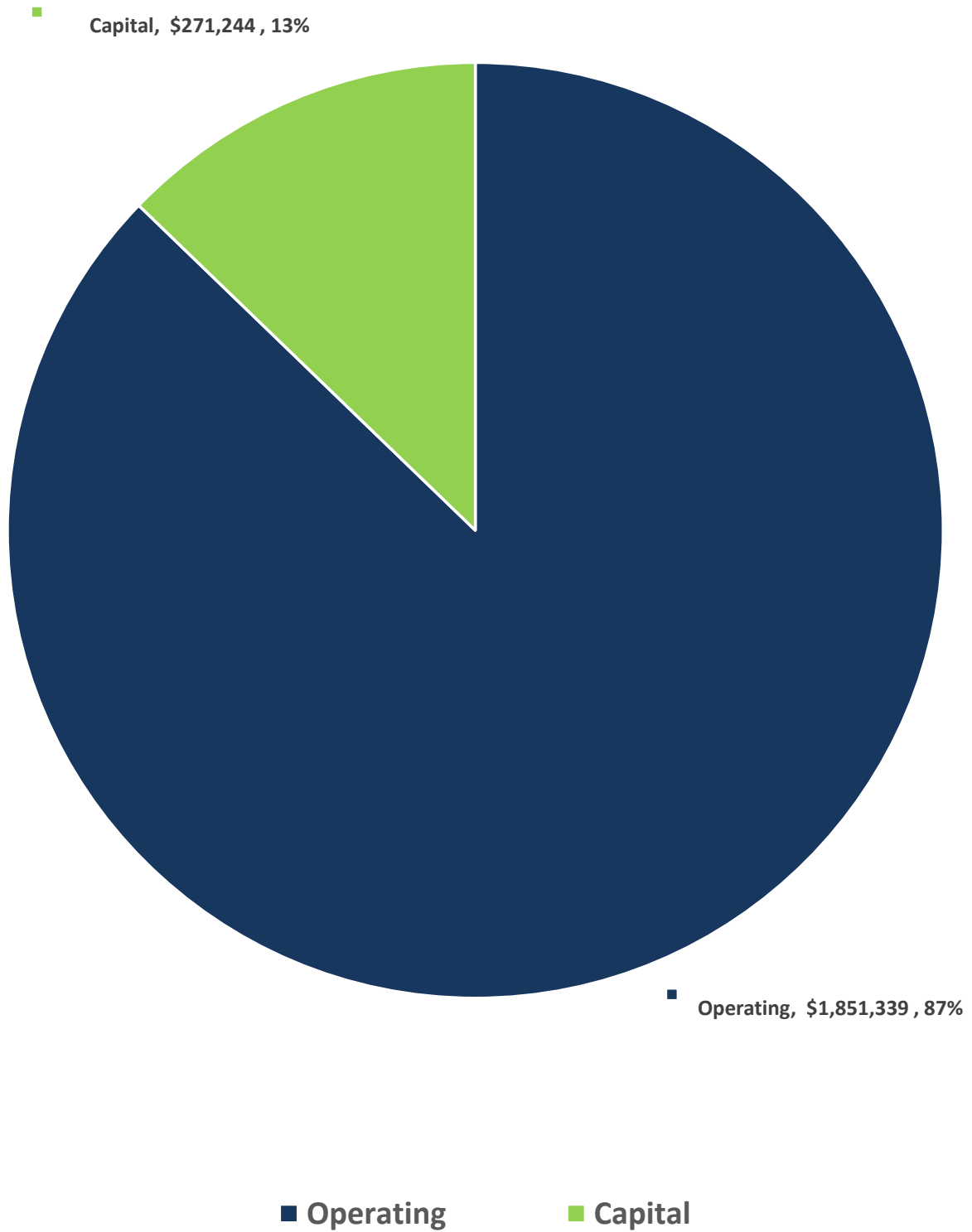
Slocan, Village of	4	\$	4,500.00
South Kootenay Lake Community Service Society	2	\$	1,050.00
Yahk-Kingsgate Recreation Society	1	\$	1,000.00
Yellow Pages Group	2	\$	202.12
Zeo Tec Ltd	1	\$	462.00
ZOHO Canada Corporation	1	\$	12,504.80
ZOLL Medical Canada Inc.	1	\$	655.20
Zone West Enterprises Ltd	2	\$	1,308.16

Grants by Type

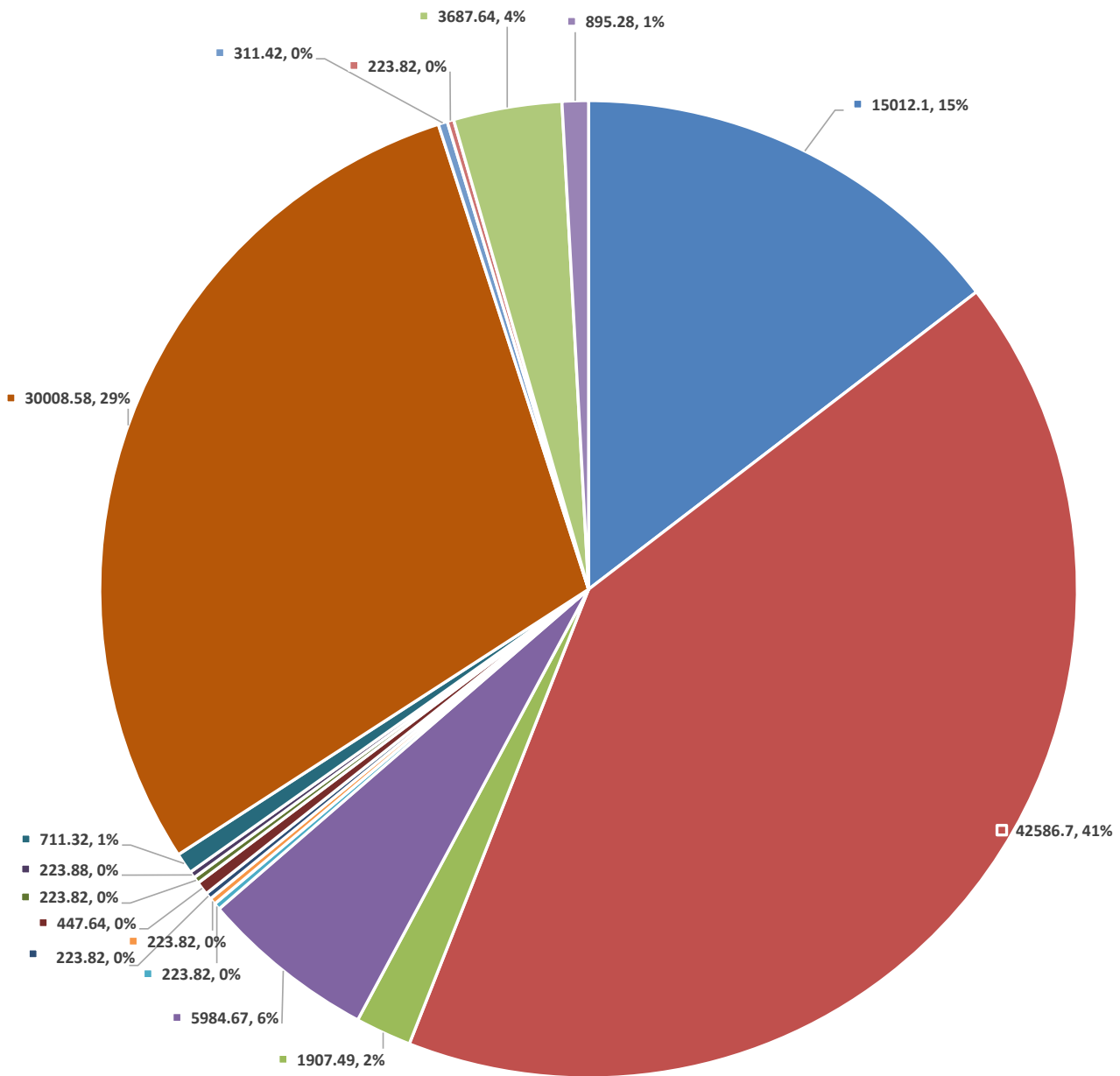


- Columbia Basin Trust
- Community Development
- Community Works
- Discretionary
- Economic Development
- Recreation #6
- Recreation #7
- RDCK

January 2023 Capital VS Operating Expenditures



December 2022 Capital by Service



- Aquatic Centre-Castlegar and Areas J and I
- Arena (Castlegar Complex)-Castlegar and Areas I and J
- Emergency Communications 911
- Emergency Consolidated Services
- Fire Protection-Area A (Riondel)
- Fire Protection-Area B (Canyon Lister)
- Fire Protection-Area B (Yahk, Kingsgate)
- Fire Protection-Area E (Balfour, Harrop)
- Fire Protection-Area F (North Shore)
- Fire Protection-Area G (Ymir)
- Fire Protection-Area I (Tarrys, Pass Creek)
- Fire Protection-Area J (Robson, Raspberry)
- Fire Protection-Areas E and F (Beasley, Blewett)
- Fire Protection-Areas H and I (Slocan Valley)
- Fire Protection-Area J (Ootischenia)
- Fire Protection-Areas A and C (Wynndel, Lakeview)

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2810

A Bylaw to amend Regional District of Central Kootenay Local Conservation Fund Service Establishment Bylaw No. 2420, 2014 to include Electoral Area F as a participant.

WHEREAS the Regional District of Central Kootenay adopted Bylaw No. 2420, being the “Regional District of Central Kootenay Local Conservation Fund Service Establishment Bylaw No. 2420, 2014” for the purpose of establishing a Local Conservation Fund by collecting up to \$15 per parcel of land annually;

AND WHEREAS the Regional District of Central Kootenay deems it expedient to amend Bylaw No. 2420 and include Electoral Area F as a participant of the service;

AND WHEREAS pursuant of the *Local Government Act* participating area approval through Alternate Approval Process has been obtained;

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

- 1 Section 2 is deleted in its entirety and replace with the following:
 2. The Regional Board hereby establishes a service for the purpose of establishing a Local Conservation Fund in Electoral Areas A, D, E and F.
- 2 Section 3 is deleted in its entirety and replace with the following:
 3. The boundaries of the service area established by this bylaw are the boundaries Electoral Areas A, D, E and F and the service area is known as the “Local Conservation Fund Service Area”.
- 3 Section 4 is deleted in its entirety and replace with the following:
 4. The participants in the service established under Section 2 of this bylaw are Electoral Areas A, D, E and F.
- 4 This Bylaw may be cited as “**Regional District of Central Kootenay Local Conservation Fund Service Establishment Amendment (Area F) Bylaw No. 2810, 2022**”.

READ A FIRST TIME this 17th day of March, 2022.

READ A SECOND TIME this 17th day of March, 2022.

READ A THIRD TIME this day of , 2023.

I hereby certify that this is a true and correct copy of the **“Regional District of Central Kootenay Local Conservation Fund Service Establishment Amendment Bylaw No. 2810, 2022”** as read a third time by the Regional District of Central Kootenay Board on the day of , 2023.

Mike Morrison, Corporate Officer

APPROVE by the Inspector of Municipalities on the day of , 2023.

ASSENT RECEIVED as per the *Local Government Act - Approval by Alternative Approval Process*.

ADOPTED this day of , 2023.

Aimee Watson, Board Chair

Mike Morrison, Corporate Officer



Board Report

Date of Report: February 1, 2023
Date & Type of Meeting: February 16, 2023 Board Meeting
Author: Nelson Wight, Planning Manager
Subject: BYLAW AMENDMENT
File: Z2206J - TASSONE
Electoral Area/Municipality J

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is for the Rural Affairs Committee and RDCK Board to consider an application for land use bylaw amendments in Electoral Area 'J' to enable the construction of an accessory building with a 90 square metre, one bedroom secondary suite above.

In order for the zoning bylaw amendment to be considered, specific changes to the OCP are also required in order to ensure consistency.

A public hearing was held on January 12, 2023 and no opposition was expressed by the public. Staff is recommending that the amending bylaws be read a THIRD time by content and forwarded to the Ministry of Transportation and Infrastructure for approval, pursuant to Section 52(3)(a) of the Transportation Act.

SECTION 2: BACKGROUND/ANALYSIS

GENERAL INFORMATION

Property Owner: Bruno & Kimberley Tassone
Property Location: 1473 Meadowbrook Drive
Legal Description: Lot 1, District Lot 11912, Kootenay District, Plan EPP82210
Property Size: 0.79 hectares
Current Zoning: Rural Residential (R3)
Current Official Community Plan Designation: Rural Residential (RR)

SURROUNDING LAND USES

North: Rural Residential (R3)
East: City of Castlegar – Zoning Single Residential (R-1)
South: Rural Residential (R3)
West: Rural Residential (R3)

The property is located in Electoral Area 'J' but directly borders the City of Castlegar. It was part of a larger parcel that was subdivided into two lots in 2018. Existing development consists of a single family dwelling with private water and a private wastewater disposal system, which was designed to accommodate two dwellings. There is also a detached garage.

The proponents wish to remove the existing garage, and construct an accessory building with a one bedroom secondary suite above. This building form is also known as a carriage house. The existing Rural Residential (R3) zone restricts density to one dwelling on a minimum site area of 2 hectares. This parcel is 0.79 of a hectare. The R3 zone does not have a provision for carriage houses or secondary suites. The proposal is to rezone the subject property to Country Residential K (R2K) and further modify that zone to enable a secondary suite where it would otherwise not be possible due to the minimum lot size regulation for parcels not connected to community water and sewer. This modification would apply to Country Residential K (R2K) zone for the subject property only, and is commonly referred to as “site specific” zoning.

Official Community Plan Bylaw No. 1157 directs that in the Country Residential 2 land use designation, there shall be one dwelling per hectare of land. Therefore, a “site specific” amendment to the OCP is also required, and would be limited to the subject property.



Figure 1: Overview Map

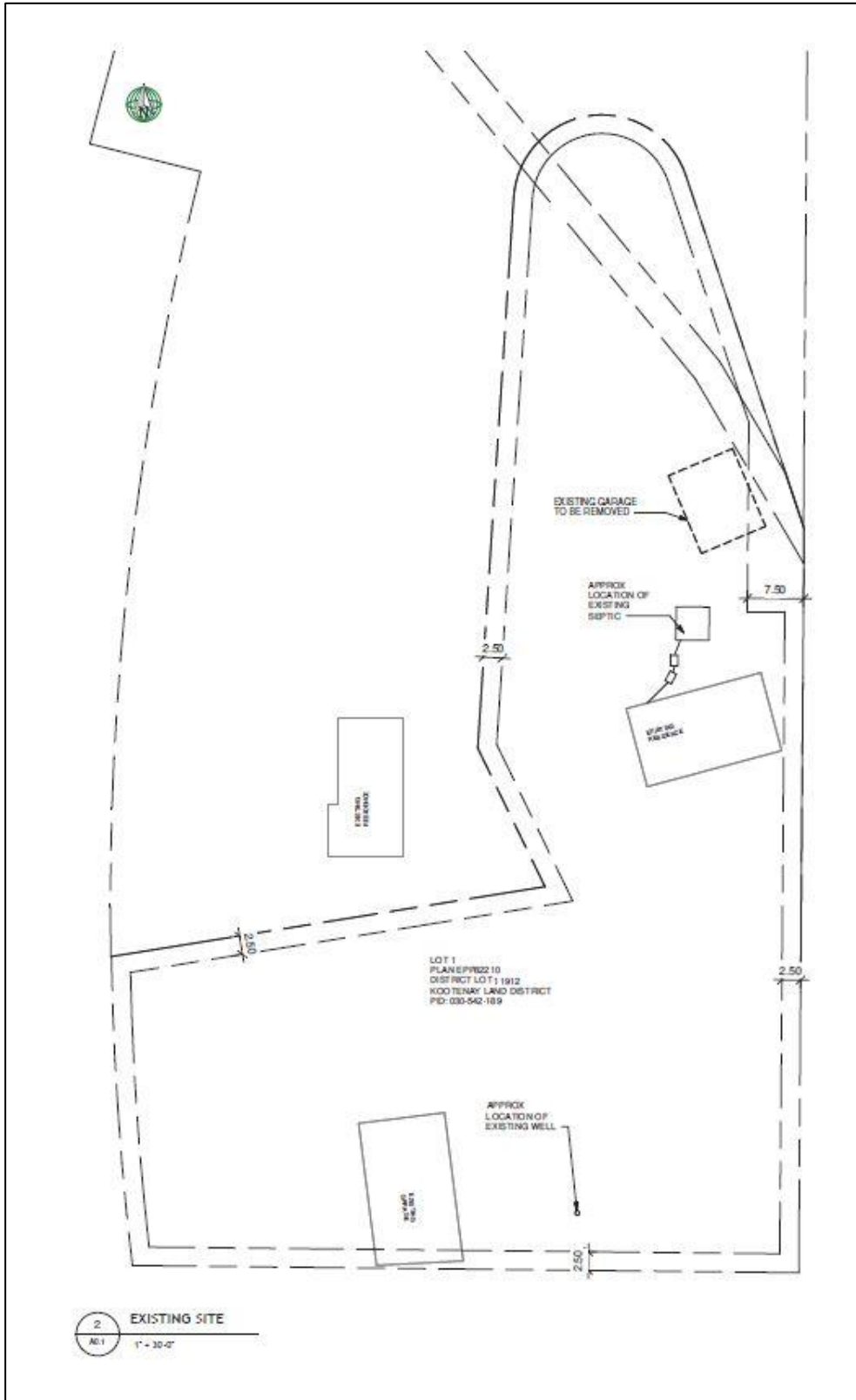


Figure 2: Site Plan



Figure 3: Existing Garage to be replaced by Accessory Building with Secondary Suite Above



Figure 4: Existing Two-Bedroom Dwelling



Figure 5; Facing North; both dwelling and garage visible in the image



Figure 6: Proposed accessory building with one bedroom secondary suite above – note that this is concept only and has not been approved by the RDCK building department.

Planning Policy

Kootenay-Columbia Rivers 1157, 1996

General Residential Policies:

3.2 General Residential Policies

3.2.4 Country Residential 2 Policies

3.2.4.1 The principal use shall be residential and/or agriculture.

3.2.4.2 One single detached dwelling or duplex shall be permitted per lot. In addition, if a lot is developed with a single detached dwelling, a manufactured home may be placed on the lot to provide temporary accommodation for a relative of the occupant of the principal dwelling. Lands within the Agricultural Land Reserve shall comply with the *Agricultural Land Commission Act, Regulations and Orders*.

3.2.4.3 The minimum lot size shall be one (1) hectare with the exception of Lot 19, District Lot 1239, Kootenay District Plan 5230 which shall be .39 hectare.

Official Community Plan Consultation, RDCK Policy No. 400-02-19

The purpose of this policy is to establish a consistent process to comply with Local Government Act (LGA) consultation requirements during a minor amendment to an official community plan. A minor amendment to an Official Community Plan is defined as any official community plan amendment application made by the public for a single property or multiple properties functioning as one site. This application meets the definition of a minor amendment to an Official Community Plan.

By limiting the proposed OCP amendment to the subject property (site specific), staff have ensured that the consultation requirements for a minor amendment have been satisfied.

Regional Housing Needs Assessment

In 2020, the Regional District completed a Housing Needs Assessment to identify current and projected housing needs for eight of its member municipalities (excluding the City of Castlegar) and all of its Electoral Areas.

Key findings of the assessment were:

- The population of the RDCK is aging;
- Renter households are increasing and are less able to meet their housing needs than owners;
- Renters and owners are both challenged by the current housing market;
- There is a need for more non-market housing options, supportive, and emergency housing options; and,
- Transportation costs are contributing to energy poverty.

In response to the results of the Housing Needs Assessment, the RDCK Board directed staff to undertake five recommended next steps, one of which was to “create a housing action plan”. The Regional District’s Affordable Housing Action Plan (AHAP) is currently underway and is to be completed by spring 2023.

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Financial Plan Amendment:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Debt Bylaw Required:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Public/Gov’t Approvals Required:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

The application fee was paid in full pursuant to the Planning Fees and Procedures Bylaw No. 2457.

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

Section 3.2.4 – Country Residential 2 (CR2) Policies is allows for a manufactured home for a relative on lots that meet the minimum site area of one hectare. In lieu of a manufactured home, this application is for a secondary suite 90 square metres in size with one bedroom. Amending the OCP designation of this property to site specific CR2 is recommended by staff as a suitable way to proceed. This land use designation would be consistent with the Country Residential K zone that is also being considered for the property.

3.3 Environmental Considerations

The Interior Health Authority has determined that a sustainable minimum site area for onsite servicing is one hectare (1 ha). The subject property is smaller than that at 0.79 hectares. The cumulative effect of allowing density that exceeds this threshold is to compromise the long term sustainability of drinking water and waste water servicing. Type 1 septic systems consume a significant amount of space, and as noted in the letter received from the Interior Health Authority, all sewerage systems have a limited lifespan and will need to be replaced due to clogged soil. This necessitates an area of the property to be set aside as a reserve field.

The initial response to this application from the Interior Health Authority (IHA) was not supportive as there was uncertainty regarding the nature of the creek that bisects the property, and the availability of space for a reserve septic field. WSA Engineering provided additional information to IHA in September 2022, which in turn resulted

in receiving a letter in support of the application, with some recommended conditions. These conditions include a covenant to protect the area identified as a reserve septic field, and a limitation on the daily sewerage volume.

3.4 Social Considerations:

In 2020, the RDCK completed a Housing Needs Report as a first step in developing an affordable housing plan for the region. Key findings were as follows:

- There is a need for housing across the RDCK that supports the needs of older residents. Specifically, there is a need for more housing that is affordable and accessible for those on a fixed income, particularly within the rental market.
- Seniors responded noting that they would prefer to be located closer to amenities and services, especially as they choose to drive less or are unable to operate a personal vehicle.
- Many of the most desirable units are located in housing markets that are too expensive for many Central Kootenay residents.
- Expanding the availability of smaller, multi-unit housing, connected to services or transit options is vital for meeting the needs of an older population.
- Addressing seniors housing not only benefits that demographic, but younger one as well. If seniors move out of their existing accommodations, the homes become available for upcoming generations who may not be able to afford a new dwelling but are willing to invest over time in an older, more affordable home.

The current proposal has the potential to provide what the Housing Needs Assessment has identified as a need in the community; a small unit close to amenities and public transportation.

3.5 Economic Considerations:

None anticipated.

3.6 Communication Considerations:

The application was referred to 19 neighboring landowners, relevant government agencies, First Nations and the City of Castlegar. The following responses were received:

Interior Health Authority – Team Leader, Healthy Community Development and Specialist Environmental Health Officer

These are our additional comments and thoughts after reviewing the new information provided:

- *Although the consultant was able to demonstrate a location for a 2nd / back up sewerage disposal area, and provided additional information related to what was initially thought to be a creek but instead an enclosed storm water pipe under easement, the fact remains that this property is still encumbered by it's size (less than 1 hectare), existing services and setback requirements (e.g. on a private well source for drinking water, onsite sewerage disposal, and an easement for the storm water pipe), as well as the existing building development and geography.*
- *As we've communicated and discussed recently, the daily estimated sewerage flows (or volume) for a 2 bedroom home and a 1 bedroom home is not equivalent to a 3 bedroom home. The estimated amount of sewage produced by two dwellings with same number of bedrooms as one dwelling is a little bit more (but not twice as much). This makes sense when*

you think about it; laundry, dishes, etc., would be done separately (duplicate) in two dwellings rather than together in one dwelling.

For the reasons provided, we recommend that in support of the application on this property proceeding, the location being identified as the 2nd sewerage disposal area be protected by a registered covenant to ensure that this part of the property remains available for sewerage disposal in perpetuity and not be utilized for other purposes. We would also highly recommend that language within in the approval, covenant (or a separate covenant) limit the daily sewerage volume or septic flows to what currently exists and is presently being proposed (i.e. 2 bedroom House + 1 bedroom carriage house) from a long term sustainability perspective.

Finally, we again offer that if this property was on approved community services, or even partially (i.e. both residences connected to an approved community water system and the private well removed), these same above concerns would not exist or be alleviated from our perspective.

Penticton Indian Band – Referrals Coordinator

We are in receipt of the above referral. The proposed activity is located within syilx (Okanagan) Nation Territory and the Penticton Indian Band (PIB) Area of Interest. All lands and resources within the vicinity of the proposed project are subject to our unextinguished Aboriginal Title and Rights. The Penticton Indian Band has now had the opportunity to review the proposed project. Our preliminary office review has indicated the proposed project is located within an area of cultural significance and has the potential to impact PIB tmx^wulax^w(lands), siw⁺k^w (water, the lifeblood of the land) and syilx cultural heritage. Our tmx^wulax^w and siw⁺k^w is sacred to the syilx nation and it is PIB's responsibility to take care of all lands, waters and living things within the PIB Area of Interest. As the proposed activity has the potential to impact irreplaceable syilx cultural heritage, the PIB is requiring a Cultural Heritage Resource Assessment be undertaken by qualified PIB Cultural Heritage Technicians to determine the nature and extent of any potential impacts. The PIB CHRA process involves in-field pedestrian surveys using either systematic or judgmental site sampling techniques undertaken by qualified PIB Technicians to assess the archaeological, cultural, and environmental resource potential of the study area, and to identify the need for project modifications and/or appropriate scope of further field studies if required.

The Penticton Indian Band makes information-based decisions and without a CHRA, we do not have enough information on potential impacts to syilx cultural heritage. Therefore, if our requirements are not fulfilled, we will have no other option but to reject the proposed project. Please note that our participation in the referral and consultation process does not define or amend PIB's Aboriginal Right and Title, or limit any priorities afforded to Aboriginal Rights and Title, nor does it limit the positions that we may take in future negotiations or court actions.

A Cultural Heritage Resource Assessment (CHRA) is a written report detailing the results of the assessment of an area that has Indigenous cultural heritage sensitivity. This property is 0.79 hectares in size and almost fully landscaped. The applicant has been informed of the PIB's request, and has been in contact with them. At the time of writing this report it is not known if the PIB requirement for a CHRA has been satisfied or not.

Little Shuswap Lake Band – Referrals Team

*The location of this referral is outside of the Little Shuswap Lake Band area of interest. Defer to local Indigenous Nations.
Kukstsemc.*

Ministry of Transportation and Infrastructure – Development Officer

The interests of the Ministry of Transportation and Infrastructure are unaffected by the proposed rezoning. No access to the property will be granted from Hwy 3.

Neighbour Response

I would like to express support for Bruno Tassone’s land use amendment application Z2206J. The completed project will add appeal and value to the street Tassone Pl. and will add much-needed housing for the community.

3.7 Staffing/Departmental Workplace Considerations:

Should the Board give the amending bylaws First and Second reading, staff will organize a public hearing.

3.8 Board Strategic Plan/Priorities Considerations:

Not applicable.

SECTION 4: OPTIONS & PROS / CONS

Planning Discussion

The residents of the Regional District of Central Kootenay are in situations where they need more affordable housing but are being limited by the servicing infrastructure (water and sewerage) which make higher density development sustainable. On site servicing requires a significant amount of land per household. There must be adequate land for a septic tank and field, land reserved for a replacement septic field and a minimum 30 metre distance between the septic fields and water sources.

The cumulative effects of ad hoc approvals of increased density could, over the long term, limit the potential for future in fill. In other words, the land could be used much more effectively and sustainably where community water and/or sewer are in place. In the case of the subject property, the investment in infrastructure for onsite septic and water has already been made and services are already in place. The septic system was designed to service a second house which was never built. The existing dwelling is a two bedroom house. The proposed secondary suite would have one bedroom. The existing septic system has a daily design flow of 2273 litres/day. The daily design flow for a two bedroom home and a one bedroom secondary suite is 1700 litres/day.

The inability to infill the subject parcel under the current regulatory regime, despite its high development potential exemplifies one of the focus areas of the Housing Action Plan. Through that work, Staff intend to highlight policy and regulation changes that would enable landowners to create additional housing units on underutilized sites that have the capacity to accommodate those developments without negatively impacting surrounding lands.

As we move into a future where climate change poses a real threat to the health and well-being of future generations, we should strive to promote complete, compact communities. Complete, compact communities are characterized as those that avoid sprawling and car-dependent development; integrate a mix of housing, key services and amenities within a 20-minute walk and enable viable low carbon transportation options. The current application has the potential to contribute one small dwelling unit to a community that meets the above definition. It is close to amenities, and there is access to public transit. This property is uniquely located for a rural property and the smaller parcel size can be accommodated as the land does have the capacity for on-site servicing. For the above reasons, staff support the application.

Public Hearing

A public hearing was held on January 12, 2023. There were 4 members of the public in attendance including the applicants. There has been no opposition to the application throughout the consultation process.

Options

Option 1

That Kootenay Columbia Rivers Official Community Plan Amendment Bylaw No. 2859, 2022 being a bylaw to amend Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996 and Regional District of Central Kootenay Zoning Amendment Bylaw No. 2860, 2022 being a bylaw to amend the Regional District of Central Kootenay Zoning Bylaw No. 1675, 2004 are hereby given THIRD reading by content.

Option 2

That no further action be taken with respect to Kootenay Columbia Rivers Official Community Plan Amendment Bylaw No. 2859, 2022 being a bylaw to amend Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996 and Regional District of Central Kootenay Zoning Amendment Bylaw No. 2860, 2022 being a bylaw to amend the Regional District of Central Kootenay Zoning Bylaw No. 1675, 2004.

SECTION 5: RECOMMENDATIONS

That Kootenay Columbia Rivers Official Community Plan Amendment Bylaw No. 2859, 2022 being a bylaw to amend Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996 and Regional District of Central Kootenay Zoning Amendment Bylaw No. 2860, 2022 being a bylaw to amend the Regional District of Central Kootenay Zoning Bylaw No. 1675, 2004 are hereby given THIRD reading by content.

Respectfully submitted,
Nelson Wight, Planning Manager

CONCURRENCE

Sangita Sudan – General Manager of Development and Community Sustainability	Approved
Stuart Horn – Chief Administrative Officer	Approved

- ATTACHMENTS:**
Attachment A – Amending Bylaws
Attachment B – Public Hearing Minutes

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2859, 2022

A Bylaw to amend Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996

WHEREAS it is deemed expedient to amend the Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996, and amendments thereto.

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

APPLICATION

- 1 That Schedule 'B' of Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996 be amended by changing the Land Use Designation of Lot 1, District Lot 11912, Kootenay District, Plan EPP82210 PID (030-542-189) from Rural Residential (RR) to Country Residential 2 (CR2), as shown on the attached Map.
2 That Policy 3.2.4.3 of Schedule 'A', Country Residential 2 Policies of Kootenay Columbia Rivers Official Community Plan Bylaw No. 1157, 1996 be amended by reducing the minimum lot size from one (1) hectare to 0.79 hectares (1.98 acres) for Lot 1, District Lot 11912, Kootenay District, Plan EPP82210 PID (030-542-189).
3 This Bylaw shall come into force and effect upon its adoption.

CITATION

- 4 This Bylaw may be cited as "Kootenay Columbia Rivers Official Community Plan Amendment Bylaw No. 2859, 2022."

READ A FIRST TIME this 13th day of October, 2022.

READ A SECOND TIME this 13th day of October, 2022.

WHEREAS A PUBLIC HEARING was held this [Date] day of [Month], 20XX.

READ A THIRD TIME this [Date] day of [Month], 20XX.

[Controlled Highway or Exceeds 4500 sq.m] APPROVED under Section 52 (3)(a) of the Transportation Act this [Date] day of [Month], 20XX.

Approval Authority,
Ministry of Transportation and Infrastructure

ADOPTED this [Date] day of [Month] , 20XX.

[Name of Board Chair], Board Chair

[Name of CO], Corporate Officer



50 metres

Hwy 3

RR
Electoral Area J - Lower Arrow/Columbia

CR2

1473

Castlegar

1473

Pullout

	Roads
	Electoral Boundaries
	Lot Lines
Land Use Designation	
	CR2
	RR

Bylaw 2859 Schedule A

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2860, 2022

A Bylaw to amend Regional District of Central Kootenay Zoning Bylaw No. 1675, 2004

WHEREAS it is deemed expedient to amend the Regional District of Central Kootenay Zoning Bylaw No. 1675, 2004, and amendments thereto.

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

APPLICATION

- 1 That Schedule 'A' of Regional District of Central Kootenay Zoning Bylaw No. 1675, 2004 be amended by changing the Zoning Designation of Lot 1, District Lot 11912, Kootenay District, Plan EPP82210 (PID 030-542-189) from Rural Residential (R3) to Country Residential K (R2K), as shown on the attached Map.
2 That Section 1301.1 of Regional District Central Kootenay Zoning Bylaw No. 1675, 2004 be amended by reducing the minimum site area from 1 hectare to 0.79 hectares for Lot 1, District Lot 11912, Kootenay District, Plan EPP82210 (PID 030-542-189).
3 This Bylaw shall come into force and effect upon its adoption.

CITATION

- 4 This Bylaw may be cited as "Regional District of Central Kootenay Zoning Amendment Bylaw No. 2860, 2022."

READ A FIRST TIME this 13th day of October, 2022.

READ A SECOND TIME this 13th day of October, 2022.

WHEREAS A PUBLIC HEARING was held this [Date] day of [Month], 20XX.

READ A THIRD TIME this [Date] day of [Month], 20XX.

[Controlled Highway or Exceeds 4500 sq.m] APPROVED under Section 52 (3)(a) of the Transportation Act this [Date] day of [Month], 20XX.

Approval Authority,
Ministry of Transportation and Infrastructure

ADOPTED this [Date] day of [Month], 20XX.

[Name of Board Chair], Board Chair

[Name of CO], Corporate Officer



50 500 metres





R3
Electoral Area J - Lower Arrow/Columbia

R2K

1449
1453
1457
1465
1469
1473
1473
Castlegar

Meadowbrook Dr

pullout
Hwy 3

-  Electoral Boundaries
-  Lot Lines
- ZoningClass**
-  R2K
-  R3

Bylaw 2860 Schedule A



REGIONAL DISTRICT OF CENTRAL KOOTENAY

PUBLIC HEARING MINUTES

AMENDMENT BYLAW NO. Z2206J

A Public Hearing for Bylaw No. 2860, a proposed amendment to Electoral Area J *Bylaw No. 1675* and 1157, was held on January, 12 at 6:00 p.m. remotely via Webex/in Castlegar, BC. The Hearing commenced at 6:05 p.m. There were 4 members of the public in attendance including the applicants.

PRESENT

Henny Hanegraaf
Nelson Wight
Sadie Chezenko

Chair of Public Hearing
Planner
Public Hearing Secretary

CALL TO ORDER

Director Hanegraaf called the meeting to order at 6:05 p.m.

INTRODUCTIONS

Director Hanegraaf introduced herself and the RDCK staff to the public.

OVERVIEW OF PROPOSAL

Nelson Wight gave an overview of the proposal.

PRESENTATION BY APPLICANT

The applicant did not make a presentation.

QUESTIONS and ANSWERS

There were no questions from members of the public

FORMAL SUBMISSIONS FOR OR AGAINST PROPOSED BYLAW No. 2859/2860

Written Formal Submissions received prior to the Public Hearing are attached and form part of these minutes:

None	
------	--

VERBAL and WRITTEN formal submissions received during the Public Hearing:

None	
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ADJOURNMENT OF PUBLIC HEARING

The hearing was adjourned at 6:14 p.m.



Henny Hanegraaf, Director
Electoral Area J



Nelson Wight, Planner



Board Report

Date of Report:	January 25, 2023
Date & Type of Meeting:	February 16, 2023 Regular Open Board Meeting
Author:	Eileen Senyk, Water Services Liaison
Subject:	Parcel/Frontage Tax Bylaw Amendments and Service Establishment Bylaw Amendments
File:	RDCK-11-5700-35_2022
Electoral Area/Municipality:	Areas E, G, & H

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to seek Board approval to amend Parcel Tax Bylaws for water systems in Grandview (Area E), Rosebery Highlands (Area H) and a Frontage Tax Bylaw for the Ymir (Area G) water service.

Service Establishment Bylaw amendments are also requested for the Grandview Properties, Rosebery Highlands and Ymir water distribution services in order to support parcel/frontage tax changes for those water systems.

SECTION 2: BACKGROUND/ANALYSIS

The majority of RDCK water services utilize a parcel tax to recover an annual contribution for system asset renewal. In Ymir, a frontage tax is used for the same purpose. In general, parcel or frontage tax contributions are used to build system-specific capital reserve funds that the RDCK will draw from when a water system requires upgrade or replacement.

Asset Managements Plans (AMP) have been developed for the infrastructure in all 18 RDCK water systems. Infrastructure includes pipes, pumps, hydrants, equipment, buildings, water treatment facilities and SCADA systems. The AMPs summarize the infrastructure and identify the Annual Cost of Sustainable Ownership (ACSO) for the water system, and present a funding scenario for long-term sustainable renewal of the system. Each AMP provides a financial model and associated asset replacement schedule. Each piece of infrastructure (asset) is itemized along with their specific Estimated Service Life (ESL). In doing so, the replacement timeframe for each asset can be accounted for separately. This approach enables a risk-based approach to determining replacement time frames.

Based on the AMPs, staff have determined that, for several systems, insufficient contributions to reserves for required future capital upgrades are being made. In order to better plan and prepare for the future, increases in some parcel tax levies are required, with the proposed requisition amount increases directly tied to the findings found in each respective AMP.

Amending Service Establishment bylaws for Rosebery Highlands and Ymir water distribution services were read a First, Second and Third time by content at the Regular Open Board meeting on January 19, 2023. Staff now recommend that these bylaws be Adopted. Further to this, staff recommend that the associated parcel tax bylaws for Rosebery Highlands and Ymir are also read a First, Second and Third time by content and subsequently Adopted.

A decision regarding amending the Service Establishment bylaw for Grandview Properties Water Service was referred to the February 16th, 2023 Open Board meeting. Staff recommend that Grandview Properties Water Service Establishment Amendment Bylaw No. 2878, 2023 be read a First, Second and Third time by content. Further, in order to meet the taxation deadline of February 28, 2023 staff recommend that the Grandview Properties Service Establishment Bylaw be adopted at the February 17, 2023 Special Open Board meeting, and that the associated Grandview Properties Parcel Tax Bylaw be read a First, Second and Third time by content and Adopted at the same meeting.

Table 1 summarizes the Annual Cost of Sustainable Ownership (ACSO) for the water systems considered in this report. It also presents current and proposed Annual Contributions for Asset Replacement (ACFAR) and associated current and proposed parcel of frontage tax amounts.

Ideally, ACSO should equal ACFAR. This is important to keep in mind when reviewing Table 1.

Table 1 – Annual Cost of Sustainable Ownership (ACSO) and Annual Contributions to Asset Replacement

Water System	ACSO 100 year projection, not considering inflation or debt servicing	ACSO 25 year projection, not considering inflation or debt servicing	Annual Contribution for Asset Replacement (ACFAR) Current (2022)	Annual Contribution for Asset Replacement (ACFAR) Draft Proposed (2023)	Existing Maximum Parcel Tax or Frontage Tax	Proposed Maximum Parcel Tax or Frontage Tax
Grandview Properties	\$89,908	\$13,417	\$14,430	\$18,750	\$185/parcel	\$240/parcel
Rosebery	\$24,411	\$2,183	\$9000	\$11,250	\$314/parcel	\$489/parcel
Ymir	\$93,461	\$65,347	\$40,000	\$50,000	\$3.50/foot	\$4.48/foot

Taxation requisition limits can only be increased a maximum of 25% every five years without public approval (overseen by the Inspector of Municipalities pursuant to the Local Government Act). The proposed taxation bylaw amendments identify potential maximum taxation limits considering the allowable 25% increase. Actual annual taxation amounts are typically planned to be increased over time and require annual Board Financial Plan approvals.

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan: Yes No **Financial Plan Amendment:** Yes No
Debt Bylaw Required: Yes No **Public/Gov't Approvals Required:** Yes No

The proposed parcel tax increases which are directly tied to the findings of the Asset Management Plans will be included in the Financial Plan.

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

These amendments are consistent with the RDCK's Regional Water Management Plan, which recommends that the taxation component of each water system's annual cost recoveries are used to maintain an infrastructure renewal fund. In addition, they support the RDCK policy that requires that all water systems be financially self-sustaining.

Part 6, Section 279 of the Local Government Act legislates the 'Regional District Establishing Bylaw Approval Exemption Regulation' (BC Reg 98/2018) which allows for a 25% increase in taxation requisition amounts every 5 years without Inspector of Municipalities approval.

3.3 Environmental Considerations

None anticipated.

3.4 Social Considerations:

While the proposed increases may create some hardship for individuals on a fixed income, qualified BC homeowners may enroll in the BC Property Tax Deferral Program. This low interest loan program helps owners pay their annual property taxes on their principal residence. Eligibility is possible via two different tax deferral programs; one for seniors or people with disabilities, and one for parents or stepparents that are financially supporting a child.

3.5 Economic Considerations:

A source of safe and reliable water from a properly maintained system is essential to the sustainability of the RDCK water services and is required in order to support and secure a stable environment for economic development in these communities.

3.6 Communication Considerations:

The requested amendments have been and will continue to be discussed at Commissions and Community Advisory Committees at annual budget meetings.

3.7 Staffing/Departmental Workplan Considerations:

Upon consent by the Electoral Area Director and approval of the Grandview Service Establishment Amendment Bylaw, staff will bring forward the associated parcel tax bylaw for formal consideration and approval later in 2023. The February 28, 2023 Parcel Tax deadline will have passed at this point, but an increase to taxation will be possible in 2024 if the amending bylaws are adopted.

3.8 Board Strategic Plan/Priorities Considerations:

This project is aligned with the Board's strategic priority of *Water Protection and Advocacy* and supports the RDCK's objective to provide sustainable services.

SECTION 4: OPTIONS & PROS / CONS

OPTIONS

1. That the Board amend the parcel tax bylaw for Grandview Properties, and Rosebery Highlands, the frontage tax for Ymir and the Service Establishment bylaws for Rosebery Highlands, Ymir and Grandview Properties in support of these parcel/frontage tax increases.

PROS: Increasing the parcel tax will enable the services to adequately build their reserve funds over time to fund ongoing long-term asset replacement and renewal.

CONS: Increased taxation to residents within the water systems.

2. That the Board direct staff to take no further action with respect to parcel tax bylaw amendments and service establishment bylaw amendments.

PROS: Taxation rates for current landowners are maintained.

CONS: Services will be unable to build reserves in preparation for future capital infrastructure upgrades and the cost and burden of failing water systems will be deferred to future generations.

SECTION 5: RECOMMENDATIONS

That Grandview Properties Water Service Establishment Amendment Bylaw No. 2878, 2023 be read a FIRST, SECOND and THIRD time by content.

That Ymir Water Supply and Distribution System Local Services Establishment Amendment Bylaw No. 2884, 2023 is hereby ADOPTED and that the Chair and the Corporate Officer be authorized to sign the same.

That Electoral Area G (Ymir) Water Frontage Tax Amendment Bylaw No. 2885, 2023 be read a FIRST, SECOND and THIRD time by content.

That Electoral Area G (Ymir) Water Frontage Tax Amendment Bylaw No. 2885, 2023 is hereby ADOPTED and that the Chair and Corporate Officer be authorized to sign the same.

That Rosebery Highlands Water Service Establishment Amendment Bylaw No. 2887, 2023 is hereby ADOPTED and that the Chair and Corporate Officer be authorized to sign the same.

That Rosebery Highlands Water Service Parcel Tax Amendment Bylaw No. 2888, 2023 be read a FIRST, SECOND and THIRD time by content.

That Rosebery Highlands Water Service Parcel Tax Amendment Bylaw No. 2888, 2023 is hereby adopted and that the Chair and Corporate Officer be authorized to sign the same.

Respectfully submitted,
Eileen Senyk

CONCURRENCE

General Manager of Environmental Services – Uli Wolf
Chief Administrative Officer – Stuart Horn

Approved
Approved

ATTACHMENTS:

Attachment A – Draft Bylaws

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2878

A bylaw to amend Grandview Properties Water Service Establishment Bylaw No. 2290, 2012 for the purpose of increasing the requisition limit.

WHEREAS a regional district may, by bylaw, establish and operate a service under the provisions of the Local Government Act;

AND WHEREAS the Board of Directors of the Regional District of Central Kootenay has established a service for the purpose of operating and maintaining a water system within Grandview by adopting Grandview Properties Water Service Establishment Bylaw No. 2290, 2012;

AND WHEREAS pursuant to the Regional District Establishing Bylaw Approval Exemption Regulation; a regional district may increase a maximum requisition in service establishing bylaws by 25% or less every five years without inspector approval;

AND WHEREAS consent has been received from the Director of Electoral Area 'E' to increase the requisition limit of said service;

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

- 1 Section 5 shall be deleted in its entirety and replaced with the following:
(5) The amount of money that can be requisitioned annually under the Local Government Act shall not exceed \$18,750 (eighteen thousand seven hundred fifty dollars).
2 This Bylaw may be cited as "Grandview Properties Water Service Establishment Amendment Bylaw No. 2878, 2023."

READ A FIRST TIME this 16th day of February, 2023.

READ A SECOND TIME this 16th day of February, 2023.

READ A THIRD TIME this 16th day of February, 2023.

ASSENT RECEIVED as per the Local Government Act – Consent on behalf of electoral participating area.

ADOPTED this 17th day of February, 2023.

Aimee Watson, Board Chair

Mike Morrison, Corporate Officer

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2884

A bylaw to amend Ymir Water Supply and Distribution System Local Service Establishment Bylaw No. 944, 1992 for the purpose of increasing the requisition limit.

WHEREAS a regional district may, by bylaw, establish and operate a service under the provisions of the Local Government Act;

AND WHEREAS the Board of Directors of the Regional District of Central Kootenay has established a service for the purpose of operating and maintaining a water system within Ymir by adopting Ymir Water Supply and Distribution System Local Service Establishment Bylaw No. 944, 1992;

AND WHEREAS pursuant to the Regional District Establishing Bylaw Approval Exemption Regulation; a regional district may increase a maximum requisition in service establishing bylaws by 25% or less every five years without inspector approval;

AND WHEREAS consent has been received from the Director of Electoral Area 'G' to increase the requisition limit of said service;

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

- 1 Section 5 shall be deleted in its entirety and replaced with the following:
(5) The amount of money that can be requisitioned annually under the Local Government Act shall not exceed \$50,000 (fifty thousand dollars).
2 This Bylaw may be cited as "Ymir Water Supply and Distribution System Local Services Establishment Amendment Bylaw No. 2884, 2023."

READ A FIRST TIME this 19th day of January, 2023.

READ A SECOND TIME this 19th day of January, 2023.

READ A THIRD TIME this 19th day of January, 2023.

ASSENT RECEIVED as per the Local Government Act – Consent on behalf of electoral participating area.

ADOPTED this 16th day of February, 2023.

Aimee Watson, Board Chair

Mike Morrison, Corporate Officer

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2885

A bylaw to amend Bylaw Water Frontage Tax Bylaw No. 288 for a defined portion of Electoral Area 'G' of the Regional District of Central Kootenay, 1979 which provides for the imposition of a frontage tax on owners of land in the Ymir water system.

WHEREAS the Board of Directors of the Regional District of Central Kootenay has, by *Ymir Water Supply and Distribution System Local Services Establishment Bylaw No. 944, 1992* established the Ymir Water Distribution System for the purpose of operating and maintaining a water system within Ymir.

AND WHEREAS the *Local Government Act* authorizes the Board to levy and impose a parcel tax to recover the costs of a service;

AND WHEREAS the Board has, by bylaw, imposed a parcel tax on owners of land in the Ymir water supply and distribution area.

AND WHEREAS the Board considers it necessary to amend *Water Frontage Tax Bylaw No. 288 for a defined portion of Electoral Area 'G' of the Regional District of Central Kootenay, 1979* to enable the Board to vary the annual requisition of funds to a maximum amount depending on the needs of the service;

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

- 1 Subsection (2) under Section 3 shall be deleted in its entirety and replaced with the following:
(2) The annual frontage tax will be no greater than \$4.48 (four dollars and forty eight cents) commencing 2023 per foot-front of taxable foot-frontage and will continue each year thereafter.
2 This Bylaw may be cited as "Electoral Area G (Ymir) Water Frontage Tax Amendment Bylaw No. 2885, 2023."

READ A FIRST TIME this 16th day of February, 2023.

READ A SECOND TIME this 16th day of February, 2023.

READ A THIRD TIME this 16th day of February, 2023.

ADOPTED this 16th day of February, 2023.

Aimee Watson, Board Chair

Mike Morrison, Corporate Officer

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2887

A bylaw to amend Rosebery Highlands Water Service Establishment Bylaw No. 2291, 2012 for the purpose of increasing the requisition limit.

WHEREAS a regional district may, by bylaw, establish and operate a service under the provisions of the Local Government Act;

AND WHEREAS the Board of the Regional District of Central Kootenay established a service for the purpose of operating and maintaining a water system within Rosebery by adopting Rosebery Highlands Water Service Establishment Bylaw No. 2291, 2012;

AND WHEREAS pursuant to the Regional District Establishment Bylaw Approval Exemption Regulation, a regional district may increase a maximum requisition in service establishment bylaws by 25% or less every five years without inspector approval;

AND WHEREAS consent has been received from the Director of Electoral Area H to increase the requisition limit of said service;

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

- 1 Section 5 shall be deleted in its entirety and replaced with the following:
(5) The amount of money that can be requisitioned annually under the Local Government Act shall not exceed \$11,250 (eleven thousand two hundred and fifty).
2 This Bylaw may be cited as "Rosebery Highlands Water Service Establishment Amendment Bylaw No. 2887, 2023."

READ A FIRST TIME this 19th day of January, 2023.
READ A SECOND TIME this 19th day of January, 2023.
READ A THIRD TIME this 19th day of January, 2023.

ASSENT RECEIVED as per the Local Government Act – Consent on behalf of electoral participating area.

ADOPTED this 16th day of February, 2023.

Aimee Watson, Board Chair

Mike Morrison, Corporate Officer

REGIONAL DISTRICT OF CENTRAL KOOTENAY

Bylaw No. 2888

A bylaw to amend Rosebery Highlands Water Service Parcel Tax Bylaw No. 2295, 2012 which provides for the imposition of a parcel tax on owners of land in the Rosebery Highlands Water Service Area.

WHEREAS the Board of Directors of the Regional District of Central Kootenay has, by Rosebery Highlands Water Service Establishment Bylaw No. 2291, 2012 established the Rosebery Highland Water Service Area for the purpose of operating and maintaining a water system within Rosebery.

AND WHEREAS the Local Government Act authorizes the Board to levy and impose a parcel tax to recover the costs of a service;

AND WHEREAS the Board has, by bylaw, imposed a parcel tax on owners of land in the Rosebery Highlands Water Service Area.

AND WHEREAS the Board considers it necessary to amend Rosebery Highlands Water Service Parcel Tax Bylaw No. 2295, 2012 to enable the Board to vary the annual requisition of funds to a maximum amount depending on the needs of the service;

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

- 1 Subsection (e) under Section 3 shall be deleted in its entirety and replaced with the following:
(e) The annual parcel tax will be no greater than \$489 (four hundred eighty nine) commencing 2023 per parcel or group of parcels and will continue each year thereafter.
2 This Bylaw may be cited as "Rosebery Highlands Water Service Parcel Tax Amendment Bylaw No. 2888, 2023"

READ A FIRST TIME this 16th day of February, 2023.
READ A SECOND TIME this 16th day of February, 2023.
READ A THIRD TIME this 16th day of February, 2023.
ADOPTED this 16th day of February, 2023.

Aimee Watson, Board Chair

Mike Morrison, Corporate Officer



Board Report

Date of Report: January 11, 2023
Date & Type of Meeting: January 19, 2023 Open Regular Board Meeting
Author: Cary Gaynor, Manager of Regional Parks
Subject: PERMISSION TO USE TECK PROPERTY ADJACENT TO WATERLOO EDDY AUTHORIZATION LETTER
File: 13-7000-02

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to request Board approval to sign a renewal of Teck Metals Ltd. “Permission to Use” authorization letter that allows RDCK staff to use a small section of road on Teck property for vehicle access to the back portion of Waterloo Eddy Regional Park.

SECTION 2: BACKGROUND / ANALYSIS

On November 5, 2022 the Teck Metals Ltd. “Permission to Use” authorization letter which allows RDCK staff to use approximately 200m of road on Teck Metals property to access the back portion of Waterloo Eddy Regional Park expired. This new authorization letter extends the agreement until December 31, 2025.

The road is gated and locked. RDCK staff will primarily use this road for maintenance and/or safety issues.

Currently no other road access to the back of the Waterloo Eddy Regional Park exists.

SECTION 3: DETAILED ANALYSIS

a. Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Financial Plan Amendment: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Debt Bylaw Required: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Public/Gov’t Approvals req’d: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

There is no cost to Service S222.

b. Legislative Considerations (Applicable Policies and/or Bylaws):

The Authorization letter requires that the RDCK indemnify Teck Metals Ltd. against any claims that may arise out of the RDCK’s use of the area. Board approval is generally required where the RDCK indemnifies a third party under agreement.

c. Environmental Considerations:

N/A

d. Social Considerations:
N/A
e. Economic Considerations:
N/A
f. Communication Considerations:
N/A
g. Staffing/Departmental Workplan Considerations:
None.
h. Board Strategic Plan/Priorities Considerations:
Accessible Parks and Trails are part of the Boards Strategic Plan priorities
SECTION 4: OPTIONS & PROS / CONS
The staff recommendation is that the Board agree to enter into the Permission of Use letter with Teck Metals Ltd.
Pros:
<ul style="list-style-type: none"> RDCK currently has no road access to the back of Waterloo Eddy Regional Park – this agreement will allow access without the RDCK having to build a road at significant cost. No cost to the RDCK
Cons:
<ul style="list-style-type: none"> None of significance
SECTION 5: RECOMMENDATION(S)
That the Board approve the Teck Metals Ltd.’s “Permission to Use” authorization letter dated November 6, 2022 for road access to the back of Waterloo Eddy Regional Park for a term ending December 31, 2025, and that the Chair and Corporate Officer be authorized to sign.

Respectfully submitted,

Name: Cary Gaynor, Manager of Regional Parks

CONCURRENCE	
Chief Administrative Officer – Stuart Horn	Approved
General Manager of Community Services	Approved
Regional Manager – Operations and Asset Management	Approved

ATTACHMENTS:
Attachment A - 2022 Permission to Use Authorization Letter
Attachment B - 2019 Signed Permission to Use Authorization Letter

November 5, 2019

Regional District of Central Kootenay
202 Lakeside Drive
Box 590
Nelson, BC V1L 689

Dear Sir or Madam:

Re: **PERMISSION to USE TECK PROPERTY**

Teck Metals Ltd. ("TECK") hereby grants permission for the Regional District of Central Kootenay ("RDCK") and its contractors, representatives, and agents (as approved in writing by TECK) (the "Authorized User"), to use the TECK Property (as defined in section 2 below) for access to the area around Waterloo Eddy for the purposes of access control (the "Authorization"), on the following terms:

1. This Authorization expires November 5, 2022 (the "Term");
2. TECK Property consists of:

Parcel Identifier (PIO) 016-327-781

Legal Description THAT PART OF SUBLOT 23 DISTRICT LOT 4598 KOOTENAY DISTRICT PLAN X34 INCLUDED IN PLAN RW 29

Parcel Identifier (PID) 016-761-235

Legal Description SUBLOT 75 DISTRICT LOT 4598 KOOTENAY DISTRICT PLAN X34 EXCEPT PART INCLUDED IN PLANS 4882 AND 4924

Parcel Identifier (PID) 016-779-096

Legal Description THAT PART OF SUBLOT 23 DISTRICT LOT 4598 KOOTENAY DISTRICT PLAN X34 COLORED ON PLAN RW 11

Parcel Identifier (PID) 016-779-118

Legal Description THAT PART OF SUBLOT 24 DISTRICT LOT 4598 KOOTENAY DISTRICT PLAN X34 COLORED RED ON PLAN RW 11

Parcel Identifier (PIO) 023-624-256

Legal Description THAT PART OF SUBLOT 24 DISTRICT LOT 4598 KOOTENAY
DISTRICT PLAN X34 INCLUDED IN PLAN RW 29

the lands as indicated highlighted in blue that are below the red line on the attached Schedule "A" to this permission letter, (the "TECK Property"):

3. TECK may at any time, by written notice, suspend or terminate the Authorization without cause;
4. TECK may, at its reasonable discretion and notice if reasonably possible, close all access to the Licensed Area due to, without limitation, natural disaster or emergency.
5. The specific authorized site for the access area is limited to the TECK Property (the "Authorized Area");
6. The ROCK agrees to not use other areas on TECK Property other than the Authorized Area without the prior written consent of TECK;
7. The ROCK shall use the Authorized Area only during daylight hours;
8. The RDCK shall not make any written use of or reference to TECK's name or trademarks (or any name under which TECK does business) for any purpose without the prior written consent of TECK, which consent may be withheld or granted in TECK's sole and absolute discretion;
9. The RDCK shall not erect any permanent improvements on the Authorized Area:
10. The ROCK shall not discharge or cause to be discharged any fireanns or explosives on the TECK Property;
11. The ROCK will not, without TECK's prior written approval, make any statement or publish or release to any other person any photograph, advertisement, testimonial, letter of commendation or approval or any other document or written matter which might imply TECK's approval of the results.
12. The ROCK acknowledges that TECK is committed to excellence in environmental management. The ROCK shall ensure that all activities in relation to this Authorization are conducted in such a manner as to have a minimal adverse impact on the environment. The ROCK shall comply, and shall ensure that all invitees comply, with all relevant federal, provincial and municipal statutes, regulations and bylaws.
13. The RDCK agrees to obtain and maintain in force for the Term insurance as set out in Schedule "B".
14. The ROCK shall indemnify and save harmless TECK, its directors, officers, successors, assigns, employees, contractors, representatives, and agents from all claims, demands, losses, costs and expenses (including actual legal costs and disbursements) caused to or incurred by TECK. and from all claims and demands, toss, costs, damages, actions, suits or other proceedings by whomsoever made, brought or prosecuted in any manner and damages based upon, arising out of or connected with the uses of the Authorized Area by the RDCK or its invitees including, without limitation, environmental damage, or contamination, or damages arising from the building of improvements, or third party claims, or for any action taken or things done or maintained in connection with this Authorization; the intent being that TECK shall be at no expense or loss to which it would not have incurred but for this Authorization;

15. TECK shall not be liable to the RDCK or to any third party for any direct, indirect, special or consequential damages, arising directly or indirectly out of this Authorization, whether or not those damages arose in contract, tort or strict liability and whether or not the damages were foreseeable even if TECK was advised of the possibility of them;
16. The RDCK acknowledges that the Authorized Area may contain inherent hazards, including naturally occurring geographical features; and that TECK shall not incur any liability whatsoever to the RDCK or to any third party for any claims arising therefrom;
17. The ROCK agrees to indemnify and hold harmless TECK and its directors, officers, successors, permitted assigns, employees and agents from any liability or claim including but not limited to any direct or indirect monetary loss, or civil or criminal law suit, resulting from:
 - a. injury to or the death of any persons;
 - b. damage to or loss of any property; and/or
 - c. damage to the environment
 arising directly or indirectly from the uses of the Authorized Area;
18. The ROCK is responsible for removing all of its equipment as well as cleaning up the Authorized Area after it has finished using the Authorized Area to ensure that the Authorized Area is free of garbage or other debris that may have been caused by the ROCK. If any ground in or around the Authorized Area is disturbed, the RDCK will reseed the disturbed area as soon as possible with suitable seed to prevent intrusion by undesirable weeds as directed by TECK. TECK may, at its option, clean up the Authorized Area if the RDCK has not done so by the end of the Term, and any costs associated with TECK's clean up of the Authorized Area will be billed to and paid for by the ROCK. The ROCK shall be responsible for maintaining the Authorized Area to an appropriate and safe standard for the access and use during the Term, of the Authorization.
19. The RDCK shall not assign this Authorization.
20. Any amendments to this Authorization must be made in writing and signed by both parties.

Please acknowledge your agreement to the terms outlined above by signing this letter where indicated below and returning a copy to our office.

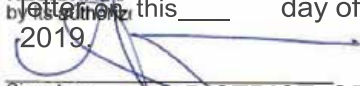
If you have any questions, please do not hesitate to contact the writer. Thank you.

Yours truly,



Lands Coordinator
Encls.

The undersigned hereby agrees to the terms set out in this Authorization, this _____ day of November, 2019.

Signature:  **DISTRICT OF CENTRAL KOOTENAY**

Name & Title: Aimee Watson, Regional Administrator

Signed by:

Name _____ f'lloyyi _____)

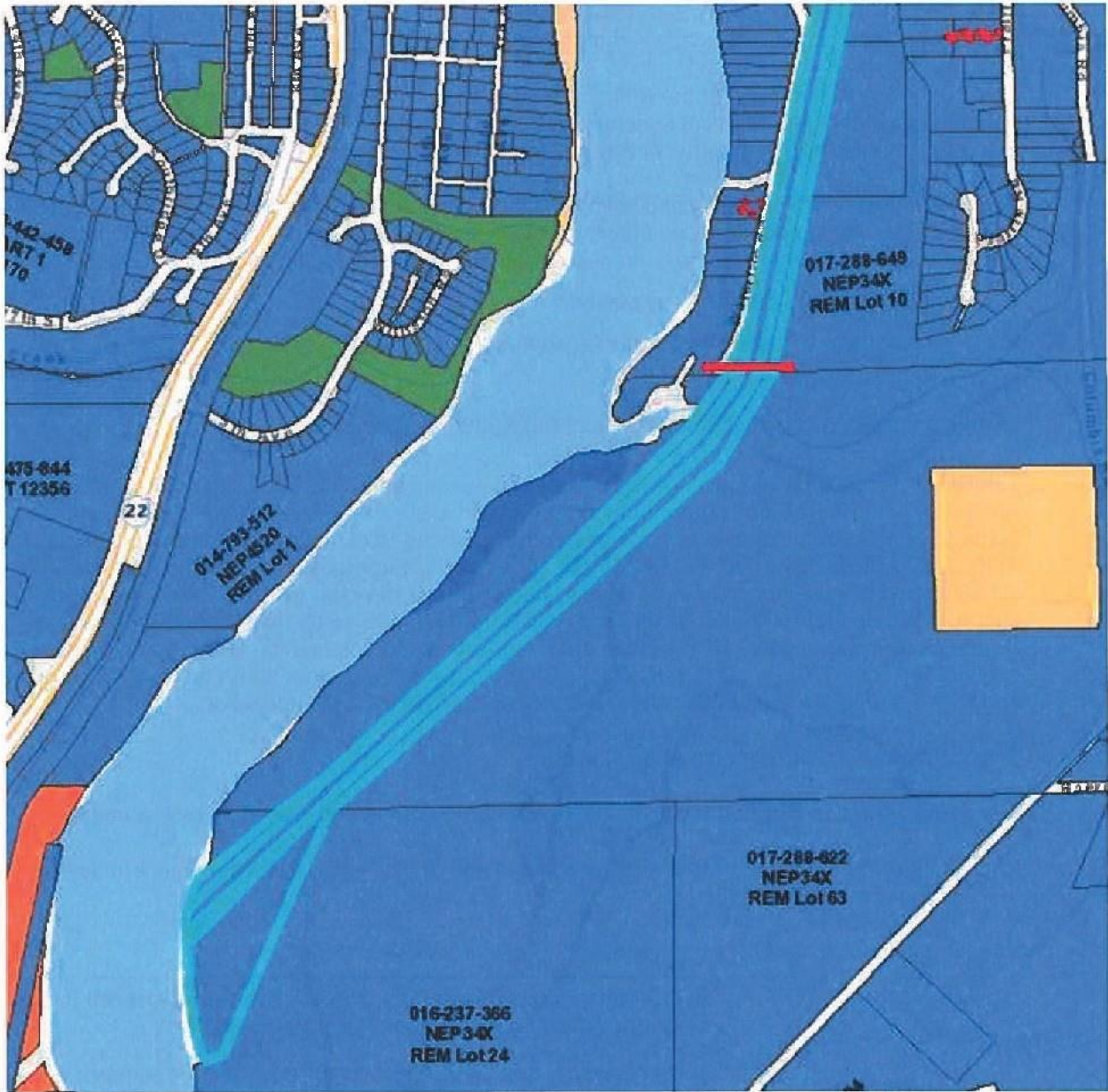
Title _____  _____)

Date _____  _____)

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Schedule "A"



Schedule "B"

RISK MANAGEMENT AND INSURANCE TERMS

Owner means: Teck Metals Ltd., Teck Resources Limited, and their respective directors, officers, employees, and agents.

Owner's Insurance Representative is: Manager, Risk, Insurance and Claims, Teck Resources Limited, Suite 3300, 550 Burrard Street, Vancouver, B.C. V6C 0B3. The Authorized User shall give prompt written notice to Owner's Insurance Representative of any event or circumstance that may result in a claim.

If the Authorized User subcontracts any of the work to be performed under this Agreement, the Authorized User shall ensure that its Subcontractor, Consultant or Subconsultant obtain and maintain insurance on substantially the same terms and conditions as this Schedule "B".

AUTHORIZED USER'S INSURANCE

1. The Authorized User shall provide, maintain and pay for the insurance coverage described below and shall, before commencement of the Work, deliver to Owner's Insurance Representative (or submit to AVETTA Auditing, if applicable) insurance certificates or other similar evidence satisfactory to Owner that the insurance required by the Agreement is in force:

(a) **Commercial General Liability Insurance** on an occurrence basis having a limit of not less than \$5 million inclusive for any one occurrence, and in the aggregate for products and completed operations, and insuring against claims for bodily injury (including death) and property damage arising out of the operations of the Authorized User under this Agreement and including, if applicable to the Work:

- liability for premises and operations;
- owners and contractor's protective liability;
- liability arising out of products (either manufactured or supplied) and completed operations;
- broad form property damage, including completed operations;
- blanket written contractual liability;
- extended bodily injury and property damage;
- non-owned automobile liability
- liability for physical damage to hired automobiles
- unlicensed mobile equipment;
- operation and use of machinery attached to licensed vehicles;
- contingent employers' liability;
- cross liability;
- blasting and use of explosives;
- sudden and accidental pollution; and
- seconded employees on loan by or to the Authorized User as insureds.

(b) **Automobile Liability Insurance** insuring against claims for bodily injury (including death) and property damage arising out of the Authorized User's use or operation of any licensed vehicles, including non-owned or hired vehicles, for the performance of the Work

and having a limit of not less than \$2 million inclusive for any one occurrence if the vehicles remain in the parking lot outside the perimeter of Owner's active operations.

- (c) **Workers' Compensation Insurance** in compliance with the laws and other statutory and regulatory obligations imposed by the jurisdictions in which the Work is provided including **Voluntary compensation and Employer's Liability insurance** of not less than US\$ 1 million, and **U.S. Longshore and Harbor Workers' Compensation and Jones Act** if applicable, when any portion of the Work is performed in the United States of America.
 - (d) Any other Insurance required by law or regulation in the jurisdiction where the Work is performed.
2. The Authorized User's insurance policies as described above in Section 1 shall include the following which will be referenced on the Authorized User's insurance certificates:
- (a) **Additional Insured** shall be defined as "Teck Metals Ltd., Teck Resources Limited, and their respective directors, officers, employees, and agents" but only with respect to the Work of the Authorized User under this Agreement. This requirement is not applicable to Worker's Compensation or Professional Liability Insurance.
 - (b) **Waiver of Subrogation** shall be provided in favour of "Teck Metals Ltd., Teck Resources Limited, and their respective directors, officers, employees, and agents".
 - (c) **Notice of Cancellation or Material Change:** Owner's Insurance Representative shall be provided with 30 days prior written notice by the insurance company.
 - (d) Each policy shall be primary coverage and non-contributory to any other insurance available to the Additional Insured/Owners.
 - (e) Policies will contain an endorsement to the effect that the policy will not be invalidated, and coverage thereunder will not be denied to any insureds by reason of any breach or violation of warranties, representations, declarations or conditions contained in the policy other than as a result of a negligent act, misrepresentation or omission of such insured;
3. The Authorized User shall place the insurance with insurers that are rated A- or better with **A.M.** Best or equivalent and that are licensed to provide insurance coverage in the jurisdictions in which the Work will be performed.
4. The Authorized User may obtain insurance having greater limits and providing additional forms of coverage as the Authorized User deems prudent to protect itself under this Agreement, including against loss of or damage to: automobiles, capital equipment and tools (including tools owned by mechanics), equipment, scaffolding, staging, trailers, cranes, towers, forms or other property (collectively "property") owned, rented or borrowed by the Authorized User or its subcontractors. The Owner will have no responsibility with respect to such property and the Authorized User hereby waives any rights of recovery against the Owner for loss of or damage to such property. Failure of the Authorized User to secure such insurance or to maintain adequate levels of coverage does not obligate the Owner, its agents or employees for any losses to such property. Any policies maintained by the Authorized User on their owned, rented or borrowed property shall contain a provision requiring the insurance companies to waive their rights of subrogation against the Owner. In the event the Authorized User fails to obtain the waiver of subrogation, the Authorized User will hold harmless, defend and indemnify the Owner against all claims. The Owner is not responsible for any uncovered losses (either excluded or sub-limited) by any insurance listed or not listed in this Agreement.

5. Failure of the Authorized User to comply with the requirements for insurance coverage of the kinds and with the limits stated in this Agreement shall in no way act to relieve the Authorized User from its obligations under this Agreement.
6. The Authorized User shall be responsible for the full deductible amount if there is a claim against any policy of insurance to be provided by the Authorized User.



Teck Metals Ltd.
 Trail Operations
 P.O. Box 1000, 25 Aldridge Avenue
 Trail, B.C. Canada V1R 4L8

Sarah MacPherson
 Lands Department

+1 250 364 4238 Direct
 +1 250 364 4222 Tel
 sarah.macpherson@teck.com

November 6, 2022

Regional District of Central Kootenay
 202 Lakeside Drive
 Box 590
 Nelson, BC V1L 6B9

Dear Sir or Madam:

Re: **PERMISSION to USE TECK PROPERTY**

Teck Metals Ltd. (“TECK”) hereby grants permission for the Regional District of Central Kootenay (“RDCK”) and its contractors, representatives, and agents (as approved in writing by TECK) (the “Authorized User”), to use the TECK Property (as defined in section 2 below) to access the roadway around Waterloo Eddy for the purposes of access control (the “Authorization”), on the following terms:

1. This Authorization expires December 31, 2025 (the “Term”);
2. TECK Property consists of:

Parcel Identifier (PID)	016-779-096
Legal Description	THAT PART OF SUBLOT 23 DISTRICT LOT 4598 KOOTENAY DISTRICT PLAN X34 COLORED ON PLAN RW 11
Parcel Identifier (PID)	016-761-235
Legal Description	SUBLOT 75 DISTRICT LOT 4598 KOOTENAY DISTRICT PLAN X34 EXCEPT PART INCLUDED IN PLANS 4882 , 4924 AND R346

the lands as indicated highlighted in red on the attached Schedule “A” to this permission letter, (the “TECK Property”);

3. TECK may at any time, by written notice, suspend or terminate the Authorization without cause. The Authorized User is not entitled to any compensation, whether for damages or otherwise, as a result of any termination by TECK;
4. TECK may, at its reasonable discretion and notice if reasonably possible, close all access to the Authorized Area due to, without limitation, natural disaster or emergency.
5. The Authorized User shall comply with all applicable laws, regulations, and orders of any government authority and to obtain all required permits of any government authority related to the

use and occupation of the Authorized Area and improvements on it, including but not limited to preventing any act or omission which damages or introduces waste onto the Lands or Authorized Area (as defined in the Environmental Management Act [RSBC 2003] Chapter 53, as amended from time to time);

6. The Authorized User shall provide a written scope of work, safety plan, confirmation letter of WorkSafe BC coverage, or any other project details Teck may request, and to obtain Teck's prior written approval before commencing any physical construction, digging, re-contouring, or excavation of the ground or similar activities in the Authorized Area. The Authorized User agrees that it is the "owner" of the Authorized Area for the purposes of the *Workers Compensation Act* [RSBC 1996] Chapter 492, as amended from time to time, and that the Authorized User undertakes all approved work at its sole risk;
7. The Authorized User shall follow the Chance Find Management Plan of the Authorized User and notify TECK immediately of any chance finds.
8. The Authorized User shall not cut any standing timber in the Authorized Area or upon the Lands without the prior written consent of Teck, except in emergency situations that pose an immediate risk to persons or property in the Licensee's reasonable opinion, in which case the cutting will be undertaken by an arborist or hazard tree certified contractor as the case may be;
9. The Authorized User shall obtain Teck's prior written approval prior to constructing any temporary building, structure or improvement. All temporary buildings, structures and improvements must be removed at the end of the Term unless otherwise agreed to by TECK;
10. The Authorized User shall maintain good ground cover (i.e. no bare soil areas) over the Authorized Area;
11. The Authorized User shall keep the Authorized Area in a safe, clean and sanitary condition satisfactory to TECK;
12. The Authorized User shall notify Teck immediately of any condition on the Authorized Area that constitutes a potential hazard to the health or safety of any person or to any property or improvements on the Authorized Area, including but not limited to, the presence of hazard trees on or near the Authorized Area;
13. The specific authorized site for the access area is limited to the TECK Property (the "Authorized Area");
14. The RDCK agrees to not use other areas on TECK Property other than the Authorized Area without the prior written consent of TECK;
15. The RDCK shall not make any written use of or reference to TECK's name or trademarks (or any name under which TECK does business) for any purpose without the prior written consent of TECK, which consent may be withheld or granted in TECK's sole and absolute discretion;
16. The RDCK shall not erect any permanent improvements on the Authorized Area;
17. The RDCK shall not discharge or cause to be discharged any firearms or explosives on the TECK Property;
18. The RDCK will not, without TECK's prior written approval, make any statement or publish or release to any other person any photograph, advertisement, testimonial, letter of commendation or approval or any other document or written matter which might imply TECK's approval of the

results.

19. The RDCK acknowledges that TECK is committed to excellence in environmental management. The RDCK shall ensure that all activities in relation to this Authorization are conducted in such a manner as to have a minimal adverse impact on the environment. The RDCK shall comply, and shall ensure that all invitees comply, with all relevant federal, provincial and municipal statutes, regulations and bylaws.
20. The RDCK agrees to obtain and maintain in force for the Term insurance as set out in Schedule "B".
21. The RDCK shall indemnify and save harmless TECK, its directors, officers, successors, assigns, employees, contractors, representatives, and agents from all claims, demands, losses, costs and expenses (including actual legal costs and disbursements) caused to or incurred by TECK, and from all claims and demands, loss, costs, damages, actions, suits or other proceedings by whomsoever made, brought or prosecuted in any manner and damages based upon, arising out of or connected with the uses of the Authorized Area by the RDCK or its invitees including, without limitation, environmental damage, or contamination, or damages arising from the building of improvements, or third party claims, or for any action taken or things done or maintained in connection with this Authorization; the intent being that TECK shall be at no expense or loss to which it would not have incurred but for this Authorization;
22. TECK shall not be liable to the RDCK or to any third party for any direct, indirect, special or consequential damages, arising directly or indirectly out of this Authorization, whether or not those damages arose in contract, tort or strict liability and whether or not the damages were foreseeable even if TECK was advised of the possibility of them;
23. The RDCK acknowledges that the Authorized Area may contain inherent hazards, including naturally occurring geographical features; and that TECK shall not incur any liability whatsoever to the RDCK or to any third party for any claims arising therefrom;
24. The RDCK agrees to indemnify and hold harmless TECK and its directors, officers, successors, permitted assigns, employees and agents from any liability or claim including but not limited to any direct or indirect monetary loss, or civil or criminal law suit, resulting from:
 - a. injury to or the death of any persons;
 - b. damage to or loss of any property; and/or
 - c. damage to the environmentarising directly or indirectly from the uses of the Authorized Area;
25. The RDCK is responsible for removing all of its equipment as well as cleaning up the Authorized Area after it has finished using the Authorized Area to ensure that the Authorized Area is free of garbage or other debris that may have been caused by the RDCK. If any ground in or around the Authorized Area is disturbed, the RDCK will reseed the disturbed area as soon as possible with suitable seed to prevent intrusion by undesirable weeds as directed by TECK. TECK may, at its option, clean up the Authorized Area if the RDCK has not done so by the end of the Term and any costs associated with TECK's clean up of the Authorized Area will be billed to and paid for by the RDCK. The RDCK shall be responsible for maintaining the Authorized Area to an appropriate and safe standard for the access and use during the Term of the Authorization.
26. The RDCK shall not assign this Authorization.

27. Any amendments to this Authorization must be made in writing and signed by both parties.

Please acknowledge your agreement to the terms outlined above by signing this letter where indicated below and returning a copy to our office.

If you have any questions, please do not hesitate to contact the writer. Thank you.

Yours truly,



Sarah MacPherson
Lands Department
Encls.

The undersigned hereby agrees to
the terms set out in this letter on
this _____ day
of _____, 2022.

**REGIONAL DISTRICT OF CENTRAL
KOOTENAY**

Schedule "A"



Schedule "B"

RISK MANAGEMENT AND INSURANCE TERMS

Owner means: Teck Metals Ltd., Teck Resources Limited, and their respective directors, officers, employees, and agents.

Owner's Insurance Representative is: Manager, Risk, Insurance and Claims, Teck Resources Limited, Suite 3300, 550 Burrard Street, Vancouver, B.C. V6C 0B3. The Authorized User shall give prompt written notice to Owner's Insurance Representative of any event or circumstance that may result in a claim.

AUTHORIZED USER'S INSURANCE

1. The Authorized User shall provide, maintain and pay for the insurance coverage described below and shall, before commencement of the License of Occupation, deliver to Owner's Insurance Representative an insurance certificates satisfactory to Owner that the insurance required by the Agreement is in force:
 - (a) **Commercial General Liability Insurance** on an occurrence basis having a limit of not less than \$5 million inclusive for any one occurrence, and in the aggregate for products and completed operations, and insuring against claims for bodily injury (including death) and property damage, arising out of the use of the Lands by the Authorized User under this Agreement and including:
 - liability for premises and operations;
 - liability arising out of products (either manufactured or supplied) and completed operations;
 - non-owned automobile liability
 - liability for physical damage to hired automobiles
 - unlicensed mobile equipment;
 - operation and use of machinery attached to licensed vehicles;
 - contingent employers' liability;
 - cross liability; and
 - sudden and accidental pollution liability
 - (b) **Automobile Liability Insurance** insuring against claims for bodily injury (including death) and property damage arising out of the Authorized User's use or operation of any licensed vehicles, including non-owned or hired vehicles in an amount not less than \$2 million inclusive for any one occurrence.
 - (c) **Workers' Compensation Insurance**, where applicable, in compliance with the laws and other statutory and regulatory obligations imposed by the province of British Columbia.
2. The Authorized User's insurance policies as described above in Section 1 shall include the following which will be referenced on the Authorized User's insurance certificates:
 - (a) **Additional Insured** shall be defined as "Teck Metals Ltd., Teck Resources Limited, and their respective directors, officers, employees, and agents" but only with respect to the operations of the Authorized User under this Agreement. This requirement is not applicable to Workers Compensation or Automobile Liability Insurance.

- (b) **Waiver of Subrogation** shall be provided in favour of “Teck Metals Ltd., Teck Resources Limited, and their respective directors, officers, employees, and agents”.
 - (c) **Notice of Cancellation or Material Change**: Owner’s Insurance Representative shall be provided with 30 days prior written notice by the insurance company.
 - (d) Each policy shall be primary coverage and non-contributory to any other insurance available to the Additional Insured/Owners.
 - (e) Policies will contain an endorsement to the effect that the policy will not be invalidated, and coverage thereunder will not be denied to any insureds by reason of any breach or violation of warranties, representations, declarations or conditions contained in the policy other than as a result of a negligent act, misrepresentation or omission of such insured;
3. The Authorized User shall place the insurance with insurers that are rated A- or better with A.M. Best or equivalent and that are licensed to provide insurance coverage in the jurisdictions in which the Work will be performed.
 4. The Authorized User may obtain insurance having greater limits and providing additional forms of coverage as the Authorized User deems prudent to protect itself under this Agreement, including against loss of or damage to: automobiles, equipment and tools or other property (collectively “property”) owned, rented or borrowed by the Authorized User. The Owner will have no responsibility with respect to such property and the Authorized User hereby waives any rights of recovery against the Owner for loss of or damage to such property. Failure of the Authorized User to secure such insurance or to maintain adequate levels of coverage does not obligate the owner, its agents or employees for any losses to such property. Any policies maintained by the Authorized User on their owned, rented or borrowed property shall contain a provision requiring the insurance companies to waive their rights of subrogation against the Owner. In the event the Authorized User fails to obtain the waiver of subrogation, the Authorized User will hold harmless, defend and indemnify the Owner against all claims. The Owner is not responsible for any uncovered losses (either excluded or sub-limited) by any insurance listed or not listed in this Agreement.
 5. Failure of the Authorized User to comply with the requirements for insurance coverage of the kinds and with the limits stated in this Agreement shall in no way act to relieve the Authorized User from its obligations under this Agreement.
 6. The Authorized User shall be responsible for the full deductible amount if there is a claim against any policy of insurance to be provided by the Authorized User.

SITE PROVISIONS

7. The Authorized User shall notify Owner’s Insurance Representative immediately after the occurrence of any of the following incidents involving the Authorized User or other users:
 - (i) Any individual is injured,
 - (ii) Any incident of fire, explosion or other accident-type losses occurs,
 and, upon request, the Authorized User shall provide Owner’s Insurance Representative with a detailed written report describing the incident.

If Owner suffers any further damages as a result of the Authorized User’s failure to comply with these conditions, any such damages shall be for the account of the Authorized User.



Board Report

Date of Report: January 12, 2023
Date & Type of Meeting: February 16, 2023 Open Board Meeting
Author: Paris Marshall Smith, Sustainability Planner
Subject: CLIMATE ACTION AMBASSADORS
File: 20-CAS-CAP-FUNDING-REDIP
Electoral Area/Municipality: All

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to introduce the Climate Action Ambassadors program and possible funding options for the Board's consideration.

Climate Action Ambassadors are a key aspect to successfully delivering RDCK Climate Actions, particularly the focus on building climate action culture within the RDCK. To deliver this program, staff have tentatively established a partnership with Youth Climate Corps through Wildsight.

On January 4, 2023, Wildsight staff submitted an application to the Rural Economic Diversification & Infrastructure Program for a 2-year Climate Action Ambassador program in partnership with the City of Nelson and, pending RDCK Board approval, with the RDCK.

Staff recognize that the Board will be considering adoption of RDCK Climate Actions in April 2023 and ask that, given the time needed to recruit participants for a summer start, the Board consider this proposal now. This proposal allocates \$40,000 of the funds approved as part of the development of the 2023-26 Climate Action Plan and associated four (4) year Communication and Engagement Strategy (259/22) – for more information see **Funding** (page 3).

Recommendation - That the Board support the development and delivery of the Climate Action Ambassadors program in partnership with Youth Climate Corps-Wildsight;

AND further, the Board provide letter of support to partner with Youth Climate Corps through Wildsight for the application to the Rural Economic Diversification & Infrastructure Program (REDIP) contributing in-kind support (\$58,000) and cash contribution (\$40,000 previously approved in reso 259/22) for training in each of the departments, wages of youth and oversight of development and delivery of the program.

SECTION 2: BACKGROUND/ANALYSIS

RDCK CLIMATE ACTIONS & CLIMATE CULTURE

Achieving the targeted carbon pollution reductions will require changes from all of us. RDCK Climate Actions focuses on tangible actions, as well as actions designed to continue to shift our collective culture to prioritize low carbon and adaptive actions. We call this Climate Action Culture. Consider the cultural differences of today compared to 20 years ago. Or 10 or 5 years ago. Society at large has been making a shift toward climate conscientiousness over the last decades. This initiative supports that shift and addresses both our corporate and community Climate Action Culture by considering ways to work together to change our behavior and build more resilient, connected and equitable communities.

CLIMATE ACTION AMBASSADORS

In short, the Climate Action Ambassador Program will be an intentional RDCK presence in the community to engage with residents, inform them of our many different programs, and point them in the correct direction for more information. Particular program focus will include resource recovery, wildfire mitigation, FireSmart, WaterSmart, rebates for energy efficient home retrofits and construction, and community services.

Working in partnership with Youth Climate Corps (Wildsight), this program will also train the CAAs on the City of Nelson's Climate Plan, the development of Creston's Climate Action Plan, Slocan Valley's economic development strategy, the North Kootenay Lake Community Economic Development Strategy and Creston Valley's Economic Action Partnership "Stronger Together", among other economic and community plans, so that the Climate Action Ambassadors can provide information. The intent is not that the CAA's are experts in any of these plans but more that they are familiar and can direct questions as needed.

A large part of this work will involve Climate Action Ambassadors using community gatherings across the RDCK (plus digital outreach) as entry points for meaningful conversations about opportunities to participate in climate action (with support from local government programs).

YOUTH CLIMATE CORPS

In 2020, Wildsight launched B.C.'s first Youth Climate Corps (YCC) program around Nelson. Since then, they have grown the program to Kimberley/Cranbrook and Golden and worked with partners to expand YCC beyond the Kootenays region (launching in Vancouver, Vancouver Island, and Kamloops).

YCC exists to connect, inspire, and empower young adults (17-30) to take meaningful action on climate change. YCC will recruit, train, and employ youth to advance climate-related community priorities while gaining the experience, connections, and confidence they will need to succeed in prosperous careers.

DELIVERY

Wildsight hosts the Youth Climate Corps and will be responsible for administration of funds and delivery of the programs. Youth Climate Corps will recruit, train, and employ youth (17-30) with essential skills to support climate action in rural communities. Acting as ambassadors for climate related plans and programs of the RDCK, the City of Nelson, and other member municipalities, this unique workforce will increase public understanding of, and participation in local government services and programs to accelerate equitable and diverse climate action.

As lead, Youth Climate Corps will be responsible for coordinating all partners. Youth Climate Corps will lead recruitment and training, will employ the Ambassadors, and will manage administrative requirements. Youth

Climate Corps will manage overall project finances and financial reporting. Youth Climate Corps will collaborate with other partners on scheduling, project management, budgeting, communications, results documentation, and quality control. Youth Climate Corps will contribute cash funding secured from a variety of sources including non-profits, corporate sponsors, and private foundations.

The RDCK will support Youth Climate Corps with tasks named above. Staff will ensure this project effectively supports the plans and programs of the regional district and its member municipalities, and aligns with the needs of the region. Pending Board approval, RDCK will also support this project via in-kind support for training and oversight, and a cash contribution (proposed to be from LGCAP funds) towards the wages for the Climate Action Ambassadors. YCC is able to significantly leverage RDCK contributions.

A number of additional partners will also be invited to be involved, including other RDCK member municipalities, Kootenay Career Development Society, Selkirk College, and Neighbours United, as well as many businesses, co-ops, and organizations involved in our target economic sectors.

FUNDING

On January 4, 2023, Wildsight staff submitted an application to the Rural Economic Diversification & Infrastructure Program (REDIP) for a 2-year Climate Action Ambassador program in partnership (pending RDCK Board approval) with the RDCK and City of Nelson. The full budget from the application is below. There are 2 contributions from the RDCK. An in-kind contribution of \$58,000 and a cash contribution of \$40,000.

1. In-kind contribution - In-kind support for training in each of the departments and oversight of development and delivery of the program. The request on staff time is distributed over 6 departments and amounts to ~2 days for each department over 2 years. (6 departments x 16 hours x \$100 per hour x 2 years = \$58,000)
2. Cash contribution from CARIP towards the wages for the Climate Action Ambassadors - In February 2022, the Board directed staff (resolution 259/22¹) to use \$80,000 in funds from the Climate Action Revenue Incentive Program (CARIP) support climate action culture building and develop RDCK Climate Actions. Some of that funding has been spent on the development of the plan and staff intend to allocate \$40,000 of the \$80,000 now to implementing the Climate Action Ambassador program.

Applicant Contribution (Minimum contribution is 20% of total project cost or \$200,000, whichever is lowest)			
	Description		Total Amount
Wildsight funding	Cash funding contribution	Pending, confirmation expected before spring 2023	121,481
RDCK In-Kind funding	In-kind coverage of staff wages and Local/Regional Economics and Climate Programming Training costs	Pending Board approval	58,000

¹ 259/22 That the RDCK Board approve the budget of up to \$80,000 for the development of the 2023-26 Climate Action Plan and associated four (4) year Communication and Engagement Strategy, and that these funds be drawn from the Climate Action Revenue Incentive Program (CARIP) reserve in General Administration Service S100.

RDCK funding	Cash funding using Local Government Climate Action Program (LGCAP) contributed to project	Confirmed	40,000
City of Nelson funding	In-kind coverage of staff wages and use of training facility	Confirmed	30,000
	TOTAL APPLICANT CONTRIBUTION:		\$249,481
	PERCENTAGE OF TOTAL PROJECT COSTS:		20%
	TOTAL REDIP GRANT REQUEST:		\$997,926
	TOTAL APPLICANT CONTRIBUTION:		\$249,481

Local Government Climate Action Program (LGCAP)

The Local Government Climate Action Program (LGCAP) provides funding for local governments to plan and implement climate action that will reduce carbon pollution, create new opportunities for people in the clean economy and prepare communities for future climate impacts.

The LGCAP funds must be spent on local climate action initiatives aligned with the CleanBC Roadmap and the Climate Preparedness and Adaptation Strategy. Fortunately, the RDCK is well positioned to respond and allocate funding because of RDCK Climate Actions. RDCK Climate Actions fit within the CleanBC Roadmap and the Climate Preparedness and Adaptation Strategy and supports climate actions across all RDCK departments.

Staff have prepared a budget for implementing RDCK Climate Actions leveraging the annual LGCAP contribution to the RDCK, it is attached to the Board report – RDCK Climate Actions. \$40,000 is allocated to the development and delivery of the Climate Action Ambassadors program. By working with YCC, this contribution will be significantly leveraged through their partnerships and funding.

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan: Yes No **Financial Plan Amendment:** Yes No
Debt Bylaw Required: Yes No **Public/Gov't Approvals Required:** Yes No

As stated above, pending Board approval, RDCK will support the 2-year delivery of this program with

1. In-kind support for training in each of the departments and oversight of development and delivery of the program. The request on staff time is distributed over 6 departments and amounts to ~2 days for each department over 2 years. (6 departments x 16 hours x \$100 per hour x 2 years = \$58,000)
2. Cash contribution from CARIP towards the wages for the Climate Action Ambassadors.

RDCK In-Kind funding	In-kind coverage of staff wages and Local/Regional Climate Programming Training costs	Pending Board approval	\$58,000
RDCK funding	Cash funding contributed to project	Approved as part of climate action	\$40,000

		outreach reso 259/22*	
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**259/22 That the RDCK Board approve the budget of up to \$80,000 for the development of the 2023 -26 Climate Action Plan and associated four (4) year Communication and Engagement Strategy, and that these funds be drawn from the Climate Action Revenue Incentive Program (CARIP) reserve in General Administration Service S100.*

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

None at this time

3.3 Environmental Considerations

While governments have many roles to play in addressing climate change in line with goals set at provincial and other levels, much of the required action depends on individuals. Many of the choices required for climate action are fundamentally personal choices. It is crucial to support youth in making these choices as they are the consumers, workers, decision-makers and entrepreneurs of our future. It is also crucial that local governments provide opportunities to be influenced by youth, to adapt are policies and programs to new ideas and perspectives.

3.4 Social Considerations:

This unique workforce will increase public understanding of and participation in local government climate plans and programs while accelerating the growth of a clean, inclusive, and climate change-resilient region through a range of outreach, education, research, and project-based activities.

3.5 Economic Considerations:

This project will create sixteen jobs directly through the hiring of diverse local youth (ages 17-30) for the Climate Action Ambassadors (CAA) positions.

This project will also fund portions of at least eight full time jobs and one part time job involved in supporting the work of the CAA at Wildsight, the RDCK, and participating municipalities.

Spending project funds on events, training courses, marketing and promotional outlets, equipment, travel (including vehicles, fuel, and accommodation), and other miscellaneous goods and services will also support jobs and economic growth in our region.

3.6 Communication Considerations:

Communication tasks will be shared between RDCK staff and Wildsight staff. Most will be managed by Wildsight but the RDCK will oversee as needed.

3.7 Staffing/Departmental Workplan Considerations:

This proposal includes 2 staff time requests:

1. Sustainability Planner to oversee and coordinate development and delivery with Wildsight staff – anticipate this will require 1-2 days a month for 2 years.
2. Departmental staff time – will require 2 days over 2 years of time to provide training on programs specific to the services in their departments.

1.8 Board Strategic Plan/Priorities Considerations:

1. Coordinated delivery - Increase public understanding of and participation in local government programs and how they support climate action.
2. Economic development - Create training-intensive employment for young adults that will increase retention and attraction of youth and increase locally available skilled labour (both immediately and by increasing subsequent enrollment in post-secondary education and/or trades training).
3. Economic development - Build a more inclusive region and address youth concerns by helping young people do work that both addresses climate change and prepares them for successful careers, with special attention to diversity.
4. Climate action - Refine the Climate Action Ambassador model and develop tools other communities can use.

SECTION 4: OPTIONS & PROS / CONS

That the Board support the development and delivery of the 2-year Climate Action Ambassadors program in partnership with Youth Climate Corps-Wildsight and provide letter of support to partner with Youth Climate Corps through Wildsight for the application to the Rural Economic Diversification & Infrastructure Program (REDIP).

Option 1 – APPROVE

That the Board support the development and delivery of the Climate Action Ambassadors program in partnership with Youth Climate Corps-Wildsight;

AND further, the Board provide letter of support to partner with Youth Climate Corps through Wildsight for the application to the Rural Economic Diversification & Infrastructure Program (REDIP).

Pro:

- making the decision at this time, ahead of the adoption of RDCK Climate Actions will allow for Wildsight staff to begin recruiting youth and prepare for the summer season
- coordinate communication and promotion of RDCK services
- increase public understanding of, and participation in RDCK programs
- generate momentum for climate-informed actions, which will further increase demand for RDCK services
- create training-intensive employment for young adults that will increase retention and attraction of youth and increase locally available skilled labour
- address youth concerns by helping young people do work that both addresses climate change and prepares them for successful careers, with special attention to diversity

Con:

- will require funds that could be used elsewhere
- will require staff time that could be used elsewhere

Option 2 – DO NOT APPROVE

That the Board DOES NOT support the development and delivery of the Climate Action Ambassadors program in partnership with Youth Climate Corps-Wildsight.

Pro:

- funds can be used elsewhere
- staff time can be allocated elsewhere

Con:

- the opportunity to coordinate service delivery and promotion, build climate action culture and contribute to youth employment

Option 3 – DEFER ACTION AT THIS TIME

That the Board DEFER ACTION AT THIS TIME regarding the development and delivery of the Climate Action Ambassadors program in partnership with Youth Climate Corps-Wildsight.

Pro:

- Board can take time to consider the recommendation
- The decision can be deferred to when RDCK Climate Actions is being considered

Con:

- Delaying at this time will make offering this program in 2023 challenging, given the time needed for recruitment. Start time may be delayed to 2024.

SECTION 5: RECOMMENDATIONS

That the Board support the development and delivery of the Climate Action Ambassadors program in partnership with Youth Climate Corps-Wildsight;

AND further, the Board provide letter of support to partner with Youth Climate Corps through Wildsight for the application to the Rural Economic Diversification & Infrastructure Program (REDIP) contributing in-kind support (\$58,000) and cash contribution (\$40,000 previously approved in reso 259/22) to be funded from the Local Government Climate Action Plan for training in each of the departments and oversight of development and delivery of the program.

Respectfully submitted,
Paris Marshall Smith, Sustainability Planner

CONCURRENCE

Chief Administrative Officer – Stuart Horn

Approved

General Manager of Development and Community Sustainability Services – Sangita Sudan

Approved

Manager of Community Sustainability Services – Chris Johnson

Approved

ATTACHMENTS:

Attachment A – BRD-Climate-Action-Ambassadors-ATTACH01



January 23, 2023

To Whom It May Concern

RE: RURAL ECONOMIC DIVERSIFICATION & INFRASTRUCTURE PROGRAM

The Regional District of Central Kootenay is pleased to support the Youth Climate Corps in applying to the CleanBC Rural Economic Diversification & Infrastructure Program as a project partner. Furthermore, the RDCK will contribute in-kind support valued at \$58,000 and cash contribution of \$40,000 for training in each of the departments, wages and oversight of development and delivery of the program.

The Regional District of Central Kootenay strives to be a leader in rural climate action. Our forthcoming – RDCK Climate Actions is focussed on supporting momentum in rural communities, finding solutions for climate action that fit our residents. To do that, we recognize the value of partnering with Youth Climate Corps to offer this unique and promising economic development project in rural communities with a special focus on clean growth and inclusive growth.

As the impacts of climate change are increasingly felt locally, it is essential that young people are prepared to enter the climate economy with the skills and experience necessary to influence change. If we are to find a way forward, we must work with youth leadership to design and build actions together. We have seen the positive impacts of Youth Climate Corps in our communities since its inception in 2020. As such, we are proud to work with the Youth Climate Corps.

Likewise we are also pleased to work with the City of Nelson who piloted this program in 2022. This regional program will build off of the success and lessons learned and contribute to the long-term sustainable development of our region and further position the Kootenays as a model region for clean growth, rural climate action, and local innovation.

Sincerely,

Aimee Watson
Chair - RDCK Board
Director – Electoral Area E



Board Report

Date of Report: January 30, 2023
Date & Type of Meeting: February 16, 2023, Open Board Meeting
Author: Shari Imada, Senior Energy Specialist
Subject: FCM-GMF GHG Emissions Reduction Pathway Feasibility Study
File: 10-5200-20-SES
Electoral Area/Municipality: All areas

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to inform the Board on the Federation of Canadian Municipalities (FCM) - Green Municipal Fund (GMF) Greenhouse Gas (GHG) Emissions Reduction Pathway and related funding opportunity and request approval to apply to the GMF.

The RDCK owns numerous facilities, including: community complexes, recreation facilities, community halls, a library, fire halls, utility services water treatment plants and pumphouses, resource recovery facilities, and corporate offices. The GHG Emissions Reduction Pathway is designed to help local governments to identify opportunities to reduce GHG emissions and energy usage in their facilities. The pathway has 4 stages: 1) understanding your buildings' performance, 2) optimizing your existing buildings' system, 3) studying long term retrofit options and 4) implementing capital upgrades.

Staff are actively engaging in activities that support Stages 1 and 2. At this time, staff are proposing to apply for funding to deliver Stage 3, in the form of a GHG Emissions Reduction Pathway Feasibility Study. With this study, a corporate-wide, roadmap can be identified for facilities, which will enable the RDCK to reach their pledged GHG emissions reduction targets and realize cost savings due to reduced energy usage.

SECTION 2: BACKGROUND/ANALYSIS

Introduction

The RDCK has set GHG emissions (carbon pollution) reduction targets that cover all community and corporate GHG emissions. The targets are: 50% reduction by 2030 and 100% by 2050. Twenty percent of GHG emissions in the RDCK are generated by buildings in the form of heating fuels.

To support GHG emissions and energy usage reductions in facilities, the Senior Energy Specialist has been supporting facility managers across the departments (Community Services, Fire Services, Utility Services, Resource Recovery and Corporate Administration) with several initiatives, largely on a building-by-building basis.

The GHG Emissions Reduction Pathway, as set out by FCM, is the next step for the RDCK to be able to plan in a corporate-wide unified manner, to ensure that reduction targets are reached within the subscribed timeline. As mentioned, staff have already been engaging in activities that satisfy Stages 1 and 2. A summary of these activities are as follows:

Stage 1: Understanding your buildings' performance

Staff are finalizing the set-up of an energy monitoring program (Portfolio Manager) for all facilities across the RDCK. It is expected that this program will be in use by all facility managers by the end of March 2023. With this program, facility managers will be able to both monitor energy usage in their facilities, and compare to similarly-sized and used facilities across Canada.

Stage 2: Optimizing your existing buildings' system

Several initiatives have been delivered including these highlights:

- Energy audits performed for several RDCK owned facilities
- Commissioning validation studies performed and recommendations being implemented in the 3 community complexes
- Energy efficiency upgrade projects for several fire halls funded by Community Works grants
- Energy efficiency retrofit project (budget \$150,000) for Arrow Creek Water Treatment Plant proposed for 2023
- High efficiency HVAC upgrades project for Lakeside Drive office completed in 2022

Next Steps

At this point, staff are proposing to apply for Stage 3 funding of the 4-stage process, in order to gain an understanding of what needs to occur across the organization and how to allocate funds to reach emissions targets and realize optimal energy savings.

Stage 3: Studying long-term retrofit options

In this stage a detailed feasibility study is developed by an experienced building energy engineering consultant to determine options to reach RDCK GHG emissions reduction (2030 and 2050) targets.

FCM-GMF currently offers a one-time grant to help finance this feasibility study. Staff recommends to apply for this grant, in order to significantly reduce costs to RDCK services. The maximum grant allowable is \$200,000 which covers up to 80% of a feasibility study. It is proposed that the other 20% of the study costs would be funded by services that own / operate the facilities. The breakdown of the proposed feasibility study cost per department and corresponding FCM-GMF and RDCK contribution is:

Department	Feasibility Study Cost	80% FCM-GMF Contribution	20% RDCK Contribution
<i>Community Services – Creston Area (includes Rotocrest)</i>	\$60,000	\$48,000	\$12,000
<i>Community Services – Castlegar Area (includes daycare)</i>	\$60,000	\$48,000	\$12,000
<i>Community Services – Nelson Area</i>	\$60,000	\$48,000	\$12,000
<i>Community Services - Salmo, Riondel, North Shore Hall, Creston Library</i>	\$20,000	\$16,000	\$4,000
<i>Resource Recovery (West, Central, East)</i>	\$10,000	\$8,000	\$2,000
<i>Utility Services (Central and East)</i>	\$10,000	\$8,000	\$2,000
<i>Fire Services</i>	\$20,000	\$16,000	\$4,000

<i>Corporate Admin (Head Office)</i>	\$10,000	\$8,000	\$2,000
Totals	\$250,000	\$200,000	\$50,000

The main deliverable of the feasibility study would be the receipt of at least two pathways (options) for the overall corporate buildings portfolio including costs that will have direct correlation to meeting RDCK GHG emission reduction goals and optimizing energy savings. Based on this, staff would be able to recommend a corporate-wide energy retrofit plan to the Board.

Note that there would be differing scopes for facilities depending on building size and energy usage. A more detailed study would be performed for each of the 3 community complexes, resulting in proposed conceptual designs. For smaller facilities (i.e. resource recovery attendant buildings), 3 to 4 buildings (archetypes) would be studied, which would then be used to represent all similar facilities. For all facilities, previous energy audits, commissioning documents, asset inventories, and other related reports will be used to inform the study.

The resulting energy retrofit plan will outline tangible energy conservation measures (ECMs) with expected costs, related energy savings and GHG reductions, which can be integrated into future capital projects and grant applications. As well, the ECMs can be input into the asset management plan for each facility, so that energy efficient options will have already accounted for in financial planning as assets are renewed.

Stage 4: Implement capital upgrades

As described above, capital upgrades would be delivered as informed by the energy retrofit plan. Additionally, the RDCK could consider applying for the next stage of FCM/GMF funding: the Capital Project GHG Reduction Pathway Retrofit. This grant is a maximum \$5 million funding opportunity – 25% grant, remainder as loan.

In Closing

Overall, staff believe that by applying for the FCM-GMF funding for a feasibility study, a unified, tangible retrofit plan for the whole portfolio of RDCK-owned facilities can be produced. This will be a more fruitful and meaningful path forward rather than continuing to plan for and implement energy retrofits on a facility-by-facility basis. Further, completing Stage 3 will enable the RDCK to apply on Stage 4 – Capital Project GHG Reduction Pathway Retrofit.

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan: Yes No **Financial Plan Amendment:** Yes No
Debt Bylaw Required: Yes No **Public/Gov't Approvals Required:** Yes No

RDCK contributions to the proposed GHG Emissions Pathway feasibility study have been included in the draft financial plan by all affected services. It is expected that energy conservation measures (ECMs) that are implemented as a result of the proposed study will lower energy usage in RDCK facilities, which will lead to cost savings within service budgets.

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

N/A

3.3 Environmental Considerations

The RDCK is committed to reducing greenhouse gas emissions. The GHG Reduction Pathway Feasibility Study will identify tangible energy conservation measures (ECMs) for all RDCK facilities, and build these ECMs into an overall strategy. The resulting strategy will directly inform the Board on the pathway to achieve the 2030 and 2050 carbon pollution goals for facilities. This work is part of the draft Climate Actions.

3.4 Social Considerations:

Implementing ECMs in RDCK facilities in many cases will allow for more thermal comfort for building occupants.

3.5 Economic Considerations:

The possibility of a corporate wide facility retrofit program would provide economic benefit to local building contractors and their families.

3.6 Communication Considerations:

N/A

3.7 Staffing/Departmental Workplan Considerations:

This initiative is within the Senior Energy Specialist's workplan. It is expected that facility managers' will need to contribute a small amount of time into the initiative for data collection, report review and to attend related workshops.

3.8 Board Strategic Plan/Priorities Considerations:

This initiative aligns with the Strategic Objectives *To Manage our Assets and Operations in a Fiscally Responsible Manner* and *To Adapt to our Changing Climate and Mitigate Greenhouse Gas Emissions*.

SECTION 4: OPTIONS & PROS / CONS

Option 1 – Support the grant application

Pros:

1. Energy conservation measures (ECMs) and a GHG emissions reduction pathway will be determined for RDCK-owned facilities, which will provide a corporate-wide energy retrofit plan for future years, and will inform asset management planning.
2. The RDCK will have a tangible route to reaching 2030 and 2050 GHG emission reduction goals for corporate facilities.
3. As ECMs are implemented, energy savings in facilities will be realized.
4. RDCK contribution of \$50,000 will leverage up to \$200,000 in funding from FCM-GMF.
5. RDCK will have a greater chance of getting Stage 4 funding for Capital Projects.
6. A plan of this nature would allow the RDCK to seek additional grant funding for capital upgrades.

Cons:

1. RDCK contribution of \$50,000 from various services will be utilized to deliver this project.

Option 2 – Do not support the application

Pros:

1. RDCK planned contribution of \$50,000 is not required.

Cons:

1. The RDCK will not attain a corporate-wide GHG emissions reduction pathway to inform on how to reach 2030 and 2050 goals, nor a corporate-wide energy retrofit plan to aid in facility management.
2. ECMs for every RDCK-owned facility will not be included in asset management planning.
3. Utility costs for RDCK-owned facilities will be more likely to increase over time.

SECTION 5: RECOMMENDATIONS

That the Board direct staff to submit an application to Federation of Canadian Municipalities - Green Municipal Fund for a Greenhouse Gas Reduction Pathway Feasibility Study;

AND further that the cost for RDCK's contribution of \$50,000 towards the feasibility study be included in the 2023 draft Financial Plan as follows:

\$12,000 S222 Castlegar and District Community Complex – Castlegar and Areas I & J

\$12,000 S224 Creston and District Community Complex – Creston, Area B and Defined Portion of Area A and C

\$12,000 S226 Nelson and District Community Complex – Nelson, Area F and Defined Portion of Area E

\$1,000 S193 Public Library Services – Creston and Areas A, B & C

\$1,000 S209 Recreation Facilities – Defined A - Riondel

\$1,000 S211 Recreation Facilities – F – North Shore Hall

\$1,000 S230 Recreation Commission No. 7 - Salmo and Area G

\$2,000 S100 General Administration

\$2,000 A102 Resource Recovery

\$2,000 A103 Utility Services

\$4,000 various Fire Protection Services – divided equally between 16 services

AND FURTHER, that staff be authorized to enter into a funding agreement with the Federation of Canadian Municipalities – Green Municipal Fund should the RDCK be awarded the grant.

Respectfully submitted,

Shari Imada, Senior Energy Specialist

CONCURRENCE

Manager of Community Sustainability - Chris Johnson

Approved

GM of Development and Community Sustainability – Sangita Sudan

Approved

Chief Administrative Officer – Stuart Horn

Approved



Board Report

Date of Report:	January 16, 2023
Date & Type of Meeting:	February 16, 2023, Open Regular Board Meeting
Author:	Sangita Sudan, GM Development & Community Sustainability
Subject:	2023 Local Conservation Fund S292 funding recommendations
File:	[File no.]
Electoral Area/Municipality:	Areas A, D, E and H

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to seek Board approval to issue Local Conservation Fund grants for 2023 conservation projects recommended by the Technical Review Committee and reviewed by participating Directors from the Local Conservation Fund Service 292.

SECTION 2: BACKGROUND/ANALYSIS

In September 2022, a call for proposals was advertised by the Kootenay Conservation Program (KCP) to solicit submissions for funding through the Local Conservation Fund (LCF). Advertisements were placed in local print, online media and the KCP network. Upon the closing date of October 30, 2022 the KCP received seven (7) proposals seeking funding through the LCF program.

At the same time in October 2022, Area H went forward to gain voter assent on establishing the LCF service. The vote passed with a high majority. In September 2023 Area H will be included in call for proposals but was not in 2022.

In mid December the Technical Review Committee (TRC), a voluntary advisory of environmental professionals appointed by the Board, met to score the proposals and present recommendations to the RDCK. The TRC recommends that funding in the amount of \$74,376.50 be granted to six (6) of the proponents.

Project suitability for each proposal must meet a series of mandatory requirements such as:

- Must fall within a LCF service area – RDCK Area A, D, E.
- Address one of the International Union for Conservation of Nature (IUCN) threat to biodiversity;
- Be an eligible activity under the LCF terms of reference (ToR) **Attachment A**

In addition the proponent must be:

- Registered non-profit organization, local government or First Nations Band or one that is partnered with a qualified organization, and
- Prepared to make a presentation on the outcomes of their work and submit interim and final written reports.

To provide some guidance to local project proponents have access to the 2018 Conservation Guidance Document applicable to all of Kootenay Lake as a reference to assist proponents. The document is available on the Kootenay Conservation Program website at: http://kootenayconservation.ca/wp-content/uploads/KCP-KLLCF-Guidance-Doc-Handout_FINAL_15Aug2018.pdf

Staff is recommending six of the seven projects evaluated by the TRC and listed in the table below be approved. Further details are provided in **attachment B**, a summary of the TRC review process.

Project Name	Proponent	Recommended To Board
Grizzly Bear Coexistence Solutions	Lardeau Valley Opportunity LINKS	\$11,500.00
Expansion of Harrop Wetland Restoration	Friends of Kootenay Lake Stewardship Society	\$14,662.50
Protecting Indigenous Cultural Values and Fish & Wildlife Habitat on Kootenay Lake	Ktunaxa Nation Council (KNC)	\$10,000.00
Bat roost Habitat Monitoring in the Kootenay Lake Region	Wildlife Conservation Society Canada	\$20,441.00
Habitat restoration for Beavers along the Duncan & Lardeau River floodplains	BC Conservation Foundation	\$10,000.00
Kootenay Watershed Science	Living Lakes Canada (LLC)	\$ 7,773.00
TOTAL		\$74,376.50

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan: Yes No **Financial Plan Amendment:** Yes No
Debt Bylaw Required: Yes No **Public/Gov't Approvals Required:** Yes No

The Technical Review Committee recommends grant approval for six of the seven proposals received and listed in the table above for a total of \$74,376.50.

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

The LCF Service was established in consultation with residents in Electoral Areas A, D, E and H following referendums in 2014 and 2022.

Proposals to the LCF are assessed for eligibility as noted in the Terms of Reference by an independent Technical Review Committee appointed by the Board and made up of conservation professionals.

3.3 Environmental Considerations

The Kootenay Lake and surrounding area and Area H in the Slocan Valley including the Slocan River, Slocan Lake and Summit Lake have all been impacted for ecological and habitat values due to a variety of factors including dam operations and development pressure. As a result, the LCF funding provides grants to support conservation

efforts to ensure the broader goals of protecting watersheds and water quality is achieved for future generations.

3.4 Social Considerations:

Conservation efforts address the overall social well being of the residents living in a healthy environment.

3.5 Economic Considerations:

Kootenay Lake and the Slocan Valley area are high value recreation and tourism asset for the region. The waterbodies are also the source for drinking water for many residents. The overall sustainability of these watershed is a public resource within the region.

3.6 Communication Considerations:

Upon approval by the Board, the recipients for the 2023 intake of the LCF will be announced.

3.7 Staffing/Departmental Workplan Considerations:

The management of the LCF Service S292 is in the workplan for the General Manager of Development and Community Sustainability supported by administrative staff, finance and Corporate Officer at the RDCK.

3.8 Board Strategic Plan/Priorities Considerations:

This project aligns with the Board objective: to strengthen our relationships with our community partners and to adapt to our changing climate and mitigate GHG emissions.

SECTION 4: OPTIONS & PROS / CONS

Option 1: That the Board approve grant funding for six (6) 2023 projects from the Local Conservation Fund (service 292) for \$74,376.50, and further include this amount in the 2023-2027 Financial Plan.

Pro: The funding for the proposals has been allocated in the 2023 budget, endorsed by both the TRC and participating Area Directors.

Con: The Funds if not spent will accumulate as surplus in the 2023 budget

Option 2: That the Board not approve grant funding for six (6) 2023 projects from the Local Conservation Fund (service 292) for \$74,376.50, and further include this amount in the 2021-2025 Financial Plan.

Pro: None identified

Con: By not approving, the Board would impact the process by which the service operates, and not be accountable to the public and to proponents who applied as per the service Terms of Reference.

SECTION 5: RECOMMENDATIONS

That the Board approve grant funding for six (6) 2023 projects from the Local Conservation Fund, Service 292 for \$74,376.50, and further include this amount in the 2021-2025 Financial Plan.

Project Name	Proponent	Recommended To Board
Grizzly Bear Coexistence Solutions	Lardeau Valley Opportunity LINKS	\$11,500.00
Expansion of Harrop Wetland Restoration	Friends of Kootenay Lake Stewardship Society	\$14,662.50
Protecting Indigenous Cultural Values and Fish & Wildlife Habitat on Kootenay Lake	Ktunaxa Nation Council (KNC)	\$10,000.00
Bat roost Habitat Monitoring in the Kootenay Lake Region	Wildlife Conservation Society Canada (WCSC)	\$20,441.00
Habitat restoration for Beavers along the Duncan & Lardeau River floodplains	BC Conservation Foundation (BCCF)	\$10,000.00
Kootenay Watershed Science	Living Lakes Canada (LLC)	\$ 7,773.00
TOTAL		\$74,376.50

Respectfully submitted,
Sangita Sudan – General Manager Development & Community Sustainability Services

CONCURRENCE

Chief Administrative Officer – Stuart Horn **Approved**
Chief Financial Officer – Yev Malloff **Approved**

ATTACHMENTS:

Attachment A – Local Conservation Fund Terms of Reference (TOR)
Attachment B – RDCK Local Conservation Fund (LCF) – Funding Recommendations for 2023 Proposals



REGIONAL DISTRICT OF CENTRAL KOOTENAY
KOOTENAY LAKE LOCAL
CONSERVATION FUND

Terms of Reference

November 2015

Amended: February 1, 2017

Amended: January 17, 2019

Amended: June 17, 2021

Approved by the RDCK Board of Directors on
January 17, 2019

KOOTENAY LAKE LOCAL CONSERVATION FUND

Terms of Reference

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1. BACKGROUND

In November 2015, electors from Regional District of Central Kootenay (“RDCK”) Electoral Areas A, D and E, (collectively referred to as “the participating areas”) voted to establish the Kootenay Lake Local Conservation Fund (“the Fund”). The Service Establishment Bylaw was subsequently adopted by the RDCK Board of Directors. Under this Bylaw, from 2015 to 2024, property owners in the participating areas will pay a parcel tax of \$15 per parcel per year towards a dedicated fund for conservation projects in the service area.

2. FUND PURPOSE

Natural lands in both rural and urban areas filter our water, supply open spaces for wildlife and people, and provide quality of life to communities. Unfortunately, these systems are under stress. The current generation must take action now to ensure a healthy physical environment for future generations.

The purpose of the Fund is to provide local financial support for relevant projects that will contribute to the conservation of our valuable natural areas; one step towards restoring and preserving a healthy environment. The intent is to provide funding for conservation projects that are not the existing responsibility of the federal, provincial or local governments with a focus on integrating the variety of projects into a cohesive approach that will have greater impact.

3. FUND ADMINISTRATION

3.1 RDCK Responsibility

The RDCK is responsible for maintaining the integrity of the Fund and retains the responsibility for final approval of all matters related thereto. The RDCK will be responsible for final approval of all projects, grant payments, and financial audits of the Fund. The RDCK will engage a Consultant to assist with direct administration of the Fund as described below and will appoint a Technical Review Committee based on the recommendation of the Consultant. The RDCK will engage the Kootenay Conservation Program (KCP) to fulfill the role of Consultant for an initial four-year term.

3.2 Consultant Responsibility

Under formal written agreement, the Consultant will be responsible for all aspects of Fund management, other than the direct financial management. This management includes drafting the Fund design documents, preparing and advertising the call for proposals, responding to enquiries, vetting Technical Review Committee applicants, technical review of applications and projects, project evaluation and overall program evaluation. As noted in Section 3.1, the RDCK will be the final approving authority for all documents relating to the Fund.

4. CONSERVATION THEMES AND GOALS

4.1 Themes

The themes for the Fund are aquatic systems, water conservation, wildlife and habitat conservation. These themes are based on polling done by the Kootenay Conservation Program (KCP) in 2013 and 2014 to identify what people value in the Central Kootenay region.

4.2 Targets

Projects that can demonstrate a reduction of a known threat to a biodiversity target will be given priority (see Appendix 1 for a list of ineligible projects). The focus is on private land, but projects on both Crown and private land will be considered. Conservation priorities for the KLLCF are outlined in the KLLCF Guidance Document¹. This fund supports an ecosystem-based approach to conservation (an environmental management approach that recognizes the full array of interactions within an ecosystem, including humans, rather than considering single issues, species, or ecosystem services in isolation). The biodiversity targets are:

- Connectivity habitat
- Hydro-riparian systems (Large, Medium, Small)
- Wetlands
- Fish habitat
- Old-growth Moist Interior Cedar-Hemlock forests (ICHmw)
- Dry Interior Cedar Hemlock forests (ICHxw and ICHdw)
- Cottonwood-dominated floodplain
- Brushlands/grasslands
- Shrub and herb-dominated floodplain
- Species at Risk
- Karst (Hot and cold springs)

4.3 Classification Scheme

The aim is to “think globally; act locally.” The framework for Technical Review (see Appendix 2) will be based on the International Union for the Conservation of Nature (IUCN) classification of direct threats. The value of this classification scheme is to provide nomenclature for practitioners world-wide to describe the common problems they are facing and solutions they are using in a mutually intelligible way. The issues outlined below are those that currently have the highest relevance to the area around Kootenay Lake in the Central Kootenay Region. This is only a partial list and other IUCN threats will be considered in evaluating proposals:

(a) Residential and Commercial Development

Development activity continues to lead to conversion and fragmentation of habitats, loss of productive timber and agricultural lands, and greater demands on water.

(b) Climate Change

Climate change will have a dramatic influence on Kootenay ecosystems over the next 20 years. Higher summer and winter temperatures, declining mountain snowpack,

¹ Amec Foster Wheeler and Pandion Ecological Research. 2018. *Kootenay Lake Local Conservation Fund Guidance Document*. Report prepared for Regional District of Central Kootenay, Nelson, BC. 15 May 2018. 63 pp + 43App. AFW Report No. VE52678-2017.

reduced snowfall, long dry summers, and sudden heavy rains are just some of the changes we are already observing. These changes will have a dramatic impact on fire regimes, geo-hazards and flooding, river flow, water availability, plant distribution, and wildlife populations.

(c) Terrestrial and Aquatic Invasive Species

When natural areas are disturbed there is often an opportunity for invasive species to flourish. Invasive species, both terrestrial and aquatic, can disrupt natural ecological processes as there are often no natural agents present to keep these species in check. Invasive species can affect fish and wildlife habitat, food security, and timberland. The loss of native vegetation can result in soil degradation and thus negatively impact water quality as invasive plants frequently do not have deep roots to bind soil.

(d) Natural System Modifications (Dams and Water Management and Use)

When natural systems are modified and flow regimes are altered, the ecological degradation and loss of biological diversity can be widespread. Alterations for water supply, flood control, agriculture, and power generation all result in ecological impacts. Current management approaches often fail to recognize the fundamental scientific principle that the integrity of flowing water systems depends largely on their natural dynamic character.

(e) Transportation and Service Corridors

Wildlife mortality and habitat fragmentation are direct consequences of road and rail corridors. These corridors are concentrated in valley bottoms and traffic volumes are increasing over time thereby increasing the risk. Habitat quality for aquatic species can also be degraded by transportation corridors.

(f) Human Intrusions and Disturbance (Recreational Activity)

Recreational activity, particularly increasing off-road activity, can lead to a range of impacts including soil compaction, erosion, spread of invasive plants, and disturbance to wildlife.

5. GUIDING PRINCIPLES

To best support the most effective projects, the guiding principles of the *Conservation Framework for British Columbia* will be followed:

- **Acting sooner** – before species and ecosystems are at risk.
- **Acting smarter** – priority setting is science-based; the results move us from reactive conservation to prevention using appropriate management actions.
- **Acting together** – coordinated and inclusive action.
- **Investing more wisely** – align conservation investments, priorities, and actions among conservation partners and stakeholders.

The following guiding principles will also be used:

- Projects that fall into the **existing responsibilities of federal, provincial or local governments will not be eligible** for funding.

- Projects with **multiple funding partners** will be given preference.
- The review process will be as **simple** as possible, particularly with the recognition that a relatively small Fund is being administered.
- Projects will be ranked on **technical soundness, technical effectiveness, priority of conservation action, and value for money**.
- Projects will initially be ranked based on technical merit, regardless of where they occur within the Fund Service Area. Subsequently, regional equity may be considered in decision-making
- Only **highly ranked projects** will be funded. If there are not enough high quality projects in any given year, funds will be carried forward to future years.
- **Changes to program design** will be considered as more is learned about the needs of the areas, provided always that the goals of the Fund are still met.

6. TIME LINES

6.1 General Projects

- Call for proposals – October
- Technical review completed – November/December
- RDCK review completed – January
- RDCK Board of Directors final approval – February
- Successful applicants notified – March
- Contribution Agreements between the RDCK and applicants are finalized – March/April

6.2 Land Securement Projects

Land acquisition or covenant proposals may be submitted at any time during the year provided there is sufficient time for the Technical Review Committee and RDCK to review the proposals. All securement proposals will be treated as confidential unless other specific arrangements have been approved by all parties.

7. GOVERNANCE

The governance model is based on three guiding principles:

1. This is a tax-based Fund; therefore, in the decision-making process, taxpayers will be represented through their elected officials.
2. The Fund was created to provide a conservation service. Technical merit is of utmost importance to determine which projects are supported.
3. There is a relatively small amount of annual funding available and it is important to design a simple, cost effective decision-making structure.

The governance model may be modified as necessary to accommodate the goals of the Fund. A two-tiered process will be employed, with a Technical Review Committee (see Appendix 2) making recommendations to the RDCK.

The Technical Review Committee will be selected based on nominations submitted to the Consultant or in response to an open call to fill a vacancy. Five committee members will be selected

with a maximum term of three years. Some members will be asked to serve for only one or two year terms to ensure membership continuity in each year. Once selected and recommended to the RDCK, the RDCK Board will officially appoint them to the Technical Review Committee based on qualification criteria found in Appendix 2. Given the small geographic area and high level of engagement in conservation projects, it may be difficult to find Technical Review Committee members who will not, at some point, have a conflict of interest by virtue of the fact that they may also be interested in submitting proposals, or working on successful projects. In such cases, the Conflict of Interest Guidelines (see Appendix 4) will be followed.

The RDCK will be responsible for reviewing the recommendations of the Technical Review Committee and for granting final approval. The RDCK will determine if the project meets the eligibility criteria of not being an existing responsibility of any level of government. The RDCK Directors representing the participating areas will, at their discretion, have the opportunity to review the proposals with the Electoral Area Advisory Commissions. Final approval of projects will be granted at a regular meeting of the RDCK Board of Directors. Only the Directors representing the participating areas will be entitled to vote on the projects using the weighted vote system. In the case of acquisition proposals, the RDCK may be required to maintain confidentiality in which case, proposal review and approval will take place at a closed meeting of the Board.

8. FUND DESIGN

- (1) A call for project proposals will be issued annually (September/October) and will be advertised based on criteria set by the Consultant and approved by the RDCK Chief Administrative Officer or her designate.
- (2) Funds will be dispersed annually, based on responses to calls for proposals. Any funds not dispersed can be carried forward to the next fiscal year.
- (3) Projects must be in the Fund Service Area.
- (4) Multi-year projects are acceptable to a maximum of three years. Such projects will receive annual funding approval, and will be subject to annual review by the Technical Review Committee to ensure they are on track.
- (5) Projects should address IUCN threats to biodiversity targets and priority KLLCF Conservation Actions and fall into at least one theme area (see Section 4).
- (6) Proponents must be non-profit, have registered society status or must partner with an organization that has registered society status.
- (7) Project evaluation by the Technical Review Committee includes consideration of conservation value for money.
- (8) Proposals should reflect relationship to the RDCK Official Community Plans.
- (9) Proponents must be prepared to make a 10-minute presentation on the outcomes of their work on an annual basis, in addition to submitting written interim and final reports.
- (10) Proponents will receive 80% of the grant upon signing a contribution agreement and 20% upon completion of the approved final report.
- (11) For minor changes to projects, or where the RDCK has awarded less than the proposed amount under the recommendation of the Technical Review Committee, the Consultant has authority to allow proponents to change aspects of their work plan. For substantive changes to the workplan, proponents must receive the support of the Technical Review

Committee. For a major change in the goals of the project, approval must be given by the RDCK.

KOOTENAY LAKE LOCAL CONSERVATION FUND

Terms of Reference

APPENDIX 1 INELIGIBLE ACTIVITIES

The following types of projects will not be considered for funding:

- (a) Existing federal, provincial or local government responsibilities;
- (b) Capacity building or operating expenses for organizations;
- (c) Projects with recreational benefits only;
- (d) Community infrastructure services;
- (e) Lobbying or advocacy initiatives;
- (f) Wildlife feeding programs;
- (g) Non-applied research (research not related to a conservation action goal);
- (h) Training costs for contractors;
- (i) Enforcement activities;
- (j) Fish rearing, farming, stocking or hatchery projects;
- (k) *Rehabilitation, captive breeding or control of wildlife species;
- (l) *Mapping only projects;
- (m) *Inventory only projects;
- (n) *Planning only projects;
- (o) Education only projects;
- (p) Fishing and hunting tour or curriculum guides;
- (q) Information projects on regulations or stocking;
- (r) Conferences;
- (s) Production or sponsorship of commercial programs;
- (t) *Interpretive services;
- (u) *Creation or management of electronic databases, websites or file systems.

*These activities will be considered if they are part of an eligible project that will lead to 'on-the-ground' implementation or if they provide knowledge which is vital to achieving the overall objectives of the Fund.

KOOTENAY LAKE LOCAL CONSERVATION FUND

Terms of Reference

APPENDIX 2 TECHNICAL REVIEW COMMITTEE

1. PURPOSE

The purpose of the Technical Review Committee (“the Committee”) is to ensure that:

- (a) All proposals to the Fund receive a sound technical review based on a fair assessment of proposal merit and project effectiveness;
- (b) There is a high level of accountability in the review process; and
- (c) Recommended lists of technically appropriate proposals are provided to the RDCK.

2. COMPOSITION

The Committee will be comprised of five members with at least one member having expertise in each theme area of water conservation, climate change, forestry and fish and wildlife conservation. To ensure consistency and continuity, some members may be asked to serve on the Committee in consecutive years.

3. PROPOSAL RANKING GUIDELINES

- (a) Each proposal will be independently reviewed by each Committee member and be rated on what is submitted by the proponent.
- (b) The Committee will only review proposals on their technical merit and effectiveness.
- (c) Experts in fields related to the activities within proposals may be consulted as necessary.
- (d) Each proposal will be discussed collectively and Committee members will have an opportunity to change their scores based on input from other members.
- (e) Scores from each Committee member will be used to determine the final evaluation score for the proposal. The proposals will be ranked from highest to lowest score.
- (f) New funding proposals will be rated on whether they are meeting the Fund criteria and if the project should be considered for funding. For continuing projects, ratings will be based on whether the project should be continued.
- (g) The RDCK acknowledges information in reports produced through this fund will become part of the public scientific database and the information will be used in a professional and respectful manner as opposed to supporting a specific lobbying effort. The Technical Review Committee will make an assessment of each application and where concerns around lobbying are raised they will not recommend the project for funding; AND FURTHER, that staff prepare a letter to the Kootenay Conservation Program outlining the RDCK's explanation that the amendment (addition) to the Terms of Reference is noted within the individual contracts for projects.
- (h) The Committee chair will sign the ranked list and the Committee's comments will then be forwarded to the RDCK by the Consultant in a summary report.
- (i) The Consultant will participate in the technical review process, but will not rank proposals; will provide additional file information as requested by the Committee members before and at

review meetings; and will be available to answer questions from the RDCK on behalf of the Committee.

4. TECHNICAL EVALUATION CRITERIA

4.1 New Projects

(a) Feasibility (i.e., is the project doable – Yes or No)

- Is the overall proposal well written?
- Are the objectives clearly defined?
- Are the techniques and methods proposed the most appropriate ones to address the threat?
- Does the proponent clearly understand the challenges they may face in completing the project?
- Has the proponent demonstrated that the project will be able to overcome these challenges?
- Are the proposed timelines reasonable?
- Do the proponents have the capacity to deliver the project?
- If applicable, are plans in place to get required permits or authorizations?
- Have any possible negative implications or effects on other targets been identified and minimized?

Based on the answers to the above questions, rank the feasibility of the project from 0-10 with 10 being the highest ranking.

(b) Cost Effectiveness (Yes or No)

- Is there value for the funding being requested?
- Are the benefits as described in the proposal in line with the cost of the project?
- Are the project budget and in-kind rates realistic?

Based on the answers to the above questions, rank the cost effectiveness of the project from 0-5 with 5 being the highest ranking.

(c) Outside Participation / Cost Sharing (Yes or No)

- Do the proposed activities involve other agencies and organizations?
- Does the project leverage funds from other sources?

Based on the answers to the above questions, rank the leverage potential of the project from 0-5 with 5 being the highest ranking.

(d) Project Effectiveness (i.e., is the project worth doing?)

- Is there a clearly demonstrated ability for the results of this project to reduce an identified threat (IUCN) to a biodiversity target and address a KLLCF Guidance Document priority action?
- Is the project outside of the realm of regular government responsibilities?

- Is the project rationale science-based and do the results move us from reactive conservation to prevention using appropriate management actions?
- Does the project build on conservation measures from relevant official community plans?
- Does the project align conservation investments, priorities, and actions among conservation partners and stakeholders?
- Is there an evaluation of project benefit or other measurables or indicators identified in the proposal?
- Is there a clearly described extension component of the project (e.g., communicating results to the community, resource managers, workshops, reports, presentations, etc.)?

Based on the answers to the above questions, rank the effectiveness of the project from 0-20 with 20 being the highest ranking.

(e) KLLCF Guidance Document Priority

- Does this project address one of the priority conservation actions as outlined in the KLLCF Guidance Document (Table 5: Conservation Actions Summary).

Based on the Conservation Action and Habitat Target, allocate points from 0 to 10 (based on Table 5) with 10 being the highest ranking.

(f) Other Comments

- Are there any other technical concerns?
- Are there any technical conditions to funding?
- Are there any other general comments from reviewers?

4.2 Continuing Projects

Each Committee member answers Yes or No to the following criteria and on whether the project should continue to be funded. Continuing projects have undergone an extensive review to receive original approval; therefore, no evaluation score is needed.

(a) Progress to Date

- Has there been satisfactory progress to date in terms of the project's scheduled activities?
- Does the proposal build on past accomplishments?
- If difficulties arose in the previous or current year, will they affect proposal activities?
- Should the proposal be modified to address any problems arising from the previous year?
- Are any budget changes justified?

(b) Overall Evaluation

- Should the project continue to be funded?

- Are there any conditions to continued funding?

KOOTENAY LAKE LOCAL CONSERVATION FUND

Terms of Reference

APPENDIX 3 TECHNICAL REVIEW COMMITTEE CONFLICT OF INTEREST GUIDELINES

1. GENERAL GUIDELINES

- (a) Technical Review Committee (“Committee”) members will act at all times with due diligence, honesty, and in good faith, for the public interest.
- (b) The conduct and language of Committee members will be free from any discrimination or harassment prohibited by the *Human Rights Code of Canada*.
- (c) The conduct of Committee members will reflect social standards of courtesy, respect, and dignity.

2. CONFIDENTIAL INFORMATION

- (a) Committee members will not reveal or divulge confidential information (defined as that which cannot be obtained from other sources) received in the course of Committee duties.
- (b) Confidential information must not be used for any purposes outside that of undertaking the work of the Committee.

3. DUTY TO INFORM

- (a) Committee members will inform the Consultant of any circumstances, be that an actual conflict of interest or an appearance of conflict, which may have a negative or harmful effect on their ability to perform the duties required of the appointment or the reputation of the Committee. The member will advise all other members and staff, in writing (email accepted), well in advance of Committee meeting: (a) that there is a potential conflict; (b) the nature and scope of the conflict; and (c) the specific project to which the conflict may apply.
- (b) For some proposals, Committee members may have a direct involvement in the project. In this case, the Committee member will be asked to leave the meeting during the discussion of such proposals.

4. STATEMENT OF INTENT

- (a) Participation in Committee work should not result in any personal or private financial or other substantive gain. Private gain does not include honoraria for Committee work.
- (b) Members of the Committee will avoid any conflict of interest that may impair or impugn the independence, integrity or impartiality of the Kootenay Lake Local Conservation Fund, the Regional District of Central Kootenay or the Consultant.
- (c) There shall be no apprehension of bias based on what a reasonably knowledgeable and informed observer might perceive of the actions of the Committee or the actions of an individual member of the Committee.

5. PRACTICAL CONSIDERATION IN DETERMINING CONFLICT

- (a) Activities undertaken as a citizen must be kept separate and distinct from any responsibilities held as a member of the Committee.
- (b) Activities undertaken as a Committee member must be kept separate and distinct from other activities as a citizen.
- (c) Other memberships, directorships, voluntary or paid positions, or affiliations remain distinct from work undertaken in the course of Committee work.
- (d) Committee members will not assist anyone in their dealings with the Committee if this may result in advantageous treatment or the perception of advantageous treatment by a reasonably knowledgeable and informed observer.
- (e) Actions taken in the course of Committee duties can neither cause nor suggest to a reasonably knowledgeable and informed observer that members' ability to exercise those duties has or could be affected by private gain or interest.
- (f) All personal financial interests, assets, and holdings must be kept distinct from and independent of any decision, information or other matter that may be heard by or acted upon by the Committee.
- (g) Personal employment shall not be dependent on any decision, information or other matter that may be heard by or acted upon by the Committee. If such a situation arises, Committee members must disclose to the Committee and the Consultant, any involvement in a proposal or issue before the proposal or issue is discussed by the Committee. Members will be excused from discussion of the project at the discretion of the Committee.
- (h) The Committee will determine whether or not a Committee member can submit a project proposal or assist a proponent in the preparation and submission of a proposal that does not result in financial or other direct or indirect gain to the member.

DECLARATION

I hereby acknowledge that I have read and considered the conflict of interest guidelines for Technical Review Committee member of the Kootenay Lake Local Conservation Fund and agree to conduct myself in accordance with these guidelines.

Name of Committee Member (print): _____

Signature of Committee Member: _____

Date Signed: _____

Regional District of Central Kootenay Local Conservation Fund (RDCK LCF)

Funding Recommendations for 2023 Proposals



Photo: Friends of Kootenay Lake; Harrop Wetland Enhancement Project

Report Submitted by:

Kendal Benesh, KCP Program Assistant and Juliet Craig, Program Director
Kootenay Conservation Program¹

December 16, 2022



¹ Kootenay Conservation Program, www.kootenayconservation.ca, info@kootenayconservation.ca

Executive Summary

Kootenay Conservation Program (KCP) received seven (7) proposals seeking a combined total of **\$83,876.00** in funding through the Regional District of Central Kootenay Local Conservation Fund (RDCK LCF; previously referred to as the Kootenay Lake Local Conservation Fund) program for 2023. Following review, the Technical Review Committee (TRC) recommends that funding in the amount of **\$74,376.50** be granted to support six (6) of the seven (7) proposed projects. RDCK staff determined that **\$78,396.40** would be available for allocation in 2023.

The following projects were ranked by priority (highest to lowest score):

Project Name	Proponent	AVG POINTS / 50	Amount Requested	Amount Recommended
Grizzly Bear Coexistence Solutions	Lardeau Valley Opportunity LINKS	47.4	\$11,500.00	\$11,500.00
Expansion of Harrop Wetland Restoration	Friends of Kootenay Lake Stewardship Society (FOKLSS)	46.8	\$14,662.50	\$14,662.50
Protecting Indigenous Cultural Values and Fish and Wildlife Habitat on Kootenay Lake	Ktunaxa Nation Council (KNC)	42.8	\$10,000.00	\$10,000.00
Bat Roost Habitat Monitoring in the Kootenay Lake Region	Wildlife Conservation Society Canada (WCSC)	42.6	\$20,441.00	\$20,441.00
Habitat Restoration for Beavers along the Duncan Lardeau River Floodplains	British Columbia Conservation Foundation (BCCF)	42.3	\$10,000.00	\$10,000.00
Kootenay Watershed Science	Living Lakes Canada (LLC)	40.6	\$7,773.00	\$7,773.00
Fuel Management and Wildfire Impacts on Vegetation, Wildlife and Water Quality	Arrow Lakes Environment Stewardship Society (ALESS)	38.8	\$9,500.00	\$0.00
	Total		\$83,876.50	\$74,376.50

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Background on the RDCK Local Conservation Fund

Building on the experience of establishing the Columbia Valley Local Conservation Fund (CVLCF) in the Regional District of East Kootenay, Kootenay Conservation Program (KCP) worked in partnership with the Regional District of Central Kootenay (RDCK) to establish a local conservation fund service in the Central Kootenay.

The RDCK established the RDCK Local Conservation Fund service (referred to as the Kootenay Lake Local Conservation Fund [KLLCF] at the time) after a successful public assent vote in November 2014, which was held in conjunction with the local election in electoral areas A, D, and E. The financing mechanism is a parcel tax of \$15 per parcel per year, which is applied to all parcels (residential, industrial, commercial) in the service area. The Local Conservation Fund's Terms of Reference reflect the priority themes of aquatic systems and conservation of water, wildlife, and habitat.

From 2016 to 2021, the RDCK Local Conservation Fund (RDCK LCF) approved 37 grants totalling \$468,000. This local investment has leveraged over four times that amount in external grants and in-kind support, not including two conservation acquisitions, which if included, raises the leveraged funding to 43 times additional funding.

The RDCK is responsible for maintaining the integrity of the RDCK LCF and retains the responsibility for final approval of all projects, grant payments, and financial audits of the fund. Under a formal, written agreement, KCP is responsible for administering the RDCK LCF, including updating application and reporting forms, advertising calls for proposals, responding to enquiries, technical review of applications and projects, project evaluation, and overall program evaluation. More information can be found at <https://kootenayconservation.ca/kootenay-lake-local-conservation-fund/> and a summary of RDCK LCF projects to date can be found at <https://kootenayconservation.ca/kootenay-lake-local-conservation-fund-projects/>.

Project Application Process

In September of 2022, a request for proposals was circulated for the submission of proposals to KCP to access funding through the RDCK LCF. Advertisements were placed in local print and online media as well as via the KCP network channels. The closing date was October 28, 2022, and seven (7) applications were received. On December 12, 2022, RDCK LCF's Technical Review Committee (TRC) met to collectively score the proposals and make recommendations to the RDCK.

Technical Review Committee

The TRC continues to operate effectively. Members who conducted this technical review were:

- Mr. John Cathro
- Dr. Rachel Holt
- Ms. Claire Peyton
- Ms. Sylvie Masse
- Ms. Kersti Vaino

The TRC operates under a conflict-of-interest protocol:

Committee members will inform the Consultant of any circumstances, be that an actual conflict of interest or an appearance of conflict, which may have a negative or harmful effect on their ability to perform the duties required of the appointment or the reputation of the Committee.

This year, the following conflicts of interest were declared:

- Sylvie Masse declared a conflict of interest with the Friends of Kootenay Lake Stewardship Society's *Expansion of Harrop Wetland Restoration* project since Masse Environmental is named in the proposal as a consultant and they would directly benefit from it. She did not participate in scoring or discussions for this project.
- Claire Peyton declared a conflict of interest with Ktunaxa Nation Council's *Protecting Indigenous Cultural Values and Fish and Wildlife Habitat on Kootenay Lake* project since she would be involved as a consultant. She did not participate in scoring or discussions for this project.
- Kersti Vaino declared a conflict of interest with the BC Conservation Foundation's *Habitat Restoration for Beavers along the Duncan Lardeau River Floodplains* project as she has had been involved in the development of this project. She did stay in the room during discussion of the project but did not participate in scoring.

Project Suitability

To be considered, a project must first meet a series of mandatory requirements.

The project must:

- Fall within the RDCK LCF service area – RDCK Areas A, D and E;
- Address at least one IUCN threat to biodiversity and one of the KLLCF Guidance Document² Priority Conservation Actions; and
- Be an eligible activity under the Terms of Reference.

² Amec Foster Wheeler Environment and Infrastructure. 2018. Kootenay Lake Local Conservation Fund Guidance Document. Prepared for Regional District of Central Kootenay, Nelson, BC.

The proponent must:

- Be a registered non-profit organization, local government or First Nation; and
- Be prepared to make a presentation on the outcomes of their work and submit an interim and final written report.

If the project fulfills these requirements, they are scored out of a total of 50 points:

- Project Feasibility – Maximum 10 points;
- Cost Effectiveness – Maximum 5 points;
- Cost Sharing – Maximum 5 points;
- Project Effectiveness – Maximum 20 points; and
- KLLCF Guidance Document Priority Action – Maximum 10 points.

RDCK staff determined that \$78,396.40 would be available for allocation in 2023.

Technical Review Committee Recommendations

1. Grizzly Bear Coexistence Solutions

Total: 47.4 Points

Funding Requested: \$11,500

Recommended: \$11,500

Submitted by: Lardeau Valley Opportunity LINKS – Chelsey Jones

Project Location: RDCK LCF — Areas A, D & E

2023 Project Budget:

Funding	Amount	Percent
RDCK LCF Requested	\$11,500	11%
Other Cash	\$72,000	70%
In Kind	\$19,500	19%
Total Project Budget	\$103,000	

Project Description: Grizzly bear/agriculture conflicts create real and tangible threats for both Kootenay Lake area residents and recovering grizzly bear populations. With increasing semi-rural and urban residents interested in raising local food, more people are keeping backyard chickens, sheep, pigs, beehives, and growing crops in their backyards. Livestock kills or property/crop damage perpetuates intolerance to grizzly bear presence in human settled valleys and leaves the Conservation Officer Service (COS) with limited management options. Grizzly Bear Coexistence Solutions (GBCS) provides a 50% cost share with residents for electric fencing equipment to protect their livestock and/or crops from bears. This helps to share the social cost of living with grizzly bears on the landscape. Properly installed electric fencing is an excellent tool for farms, homesteads, orchards, and backyard food producers to prevent bear conflicts. This project started in the Columbia Basin in 2013 and has been highly successful, with 502 electric fences installed in the Basin to date. This project reaches beyond the RDCK LCF area, but RDCK LCF funds will be used only in RDCK Areas A, D, and E. This project has strong support as it addresses residents' concerns and provides appropriate education, outreach, action, support, and tools to prevent and reduce grizzly bear conflicts. It also provides much needed safety education regarding interactions with grizzly bears.

Project Objectives:

The goal of Grizzly Bear Coexistence Solutions is to improve human-grizzly bear coexistence through education, collaboration, and use of practical tools. Project objectives are:

- 1) To improve grizzly bear/human coexistence in low-elevation habitats. The outcome of this objective is reduced grizzly bear conflicts and resulting grizzly bear mortalities.

- 2) To reduce grizzly bear/agricultural conflicts by providing education and support to Kootenay Lake area residents. The outcome of this objective is that electric fencing is widely used as a long-term solution and becomes the social norm to prevent grizzly bear conflicts throughout the Kootenay Lake area in future years.
- 3) To share the cost of direct conservation action (electric fencing). The outcome of this objective will be 15-20 electric fences installed in the RDCK LCF area each year of project delivery.
- 4) To assist Kootenay Lake area residents and increase tolerance towards grizzly bears as conflicts are reduced. The outcome of this objective is effective conflict prevention and an increase of tolerance as bears do not cause property damage or livestock kills.
- 5) To assist BC Conservation Officer Service in non-lethal management of grizzly bears.
- 6) To provide safety information and bear spray training with inert practice spray to various groups and individuals where human activities and grizzly bear habitats overlap.

Previous RDCK LCF Funding:

Year	LCF Funding Received
2022	\$9,000
2021	\$11,000
2020	\$12,000
2019	\$12,000
2018	\$12,000
2017	\$9,080
TOTAL	\$65,080

2022 Accomplishments:

- Fielded 34 emails and 23 phone calls from different residents to date in 2022.
- Remote cameras have been deployed and images used in outreach events. GBCS has responded to four grizzly bear conflict locations.
- Used social media to promote project events and to outreach to those experiencing grizzly bear conflicts, including the project's online learning videos.
- There have been 14 electric fences installed in RDCK LCF area so far in 2021 using cost share funds from RDCK LCF and partners: Area D - 6 fences, Area A - 2 fences, Area E - 6 fences. All fences installed through RDCK LCF funds have been successful in deterring bears and residents are satisfied with their fences.
- There have been no non-lethal management events to date in the RDCK LCF area. Project Coordinator has helped in tracking collared bears.
- One grizzly bear safety workshop in Nelson that attracted people from Blewett and other Area E residents, and one planned in Meadow Creek.

- GBCS provides ongoing grizzly bear safety outreach to bear viewers and photographers on the Lardeau River through September-October. Safety info has also been shared through phone calls, emails, and social media during the season.

Primary KLLCF Guidance Document Conservation Action Addressed:

- Reduce mortality to listed, rare or sensitive species (10)

Recommendation to Directors:

- Great project and proposal with strong partnerships.
- High value, long-term project in the region. Project has good leveraged funding and broad support and is inspiring community change on a deep level.
- TRC recommends supporting this project.

Feedback to Proponent:

- Great project and proposal with strong partnerships.
- High value, long-term project in the region. Project has good leveraged funding and broad support and is inspiring community change on a deep level.
- Proponent did a great job of detailing how this proposal builds on existing work.
- Strongly recommend expanding programming to other RDCK LCF service areas (e.g., Area H in 2024).

2. Expansion of Harrop Wetland Restoration

Total: 46.8 Points

Funding Requested: \$14,662

Recommended: \$14,662

Submitted by: Friends of Kootenay Lake Stewardship Society — Kayla Tillapaugh

Project Location: RDCK LCF — Area E

2023 Project Budget:

Funding	Amount	Percent
RDCK LCF Requested	\$14,662	17%
Other Cash	\$70,000	81%
In Kind	\$1,900	2%
Total Project Budget	\$86,562	

Project Description: Development of Kootenay Lake’s valley bottoms and moderation of its natural flood cycles have significantly reduced the extent of wetlands and wetland-dependent species within the Kootenay Lake Basin. Local hydroelectric-influenced habitat loss is greatest for obligate or frequent wetland users such as amphibians, waterfowl, songbirds, bats, and aerial insectivores. The proposed restoration site in Harrop, BC’s Sunshine Bay Regional Park is a Kootenay Lake floodwater-fed ephemeral wetland that represents a small, degraded portion of its historic extent prior to damming and land privatization. The current project scales up the RDCK LCF-funded 2022 restoration of an adjacent pond within the wetland complex, leveraging existing data, methodology, and partnerships. The 2022 project addressed a critical population sink for western toads and has achieved all outlined goals to date. However, the extent of this restored wetland is small. It is critical that the wetland area be expanded to increase productive habitat, not only for breeding western toads, but for a diversity of wildlife species. The proposed project is a direct conservation action that will restore and protect 0.3 ha of degraded wetland habitat in Sunshine Bay Regional Park by restoring two small wetland basins located 50m and 15m from the initial restoration site, combating invasive reed canary grass monoculture, and installing habitat features for amphibians, reptiles and birds. The project will combat the ever-increasing loss of wetlands across the province and create refuge for endangered, threatened, or sensitive wetland users that have limited habitat options. Community meetings, training, and volunteer opportunities will ensure long-term community investment in the site.

Project Objectives:

- 1) Increase the pond area within Sunshine Bay Regional Park that retains a minimum water depth of 15cm from May to October annually.

- a. Create two perennial marsh ponds by lowering the centre of the existing shallow, wet depressions and using clay and organic substrate from the site to compact the bottom of the basins.
- 2) Expand habitat niche to include a diversity of additional species.
 - a. Install habitat features.
 - b. Re-introduce native vegetation.
 - 3) Build long-term community investment to ensure the wetland thrives for many generations.
 - a. Maintain a dedicated team of long-term monitors.
 - b. Maintain strong relationships with community members and adjacent landowners.

Previous RDCK LCF Funding:

Year	LCF Funding Received
2022	\$13,000
2021	\$10,000
TOTAL	\$23,000

2022 Accomplishments:

- Landowner permission obtained, land tenant access permission obtained, Section 11 Water Sustainability Act permit ready to be delivered, Ktunaxa Archaeology Department permission obtained, Environmental Management Plan developed by Masse Environmental.
- Volunteer amphibian and site monitoring commenced weekly May – October.
- Groundwater monitoring ongoing on-site since September 2021.
- Utilized citizen science, Friends of Kootenay Lake Stewardship Society staff, and wildlife/game cameras. Site monitored every week May - October. Numerous species recorded utilizing the site and 20,000 toadlets estimated in wetland.
- Education day with Selkirk College held March 25, in-person wetland tour held June 25th, virtual Harrop community meeting held September 8th.
- Community feedback survey launched online with QR code posted in Sunshine Bay Regional Park and shared on social media.
- Native plant seed and stake collection to commence Oct 16th and Oct 30th respectively.
- Preparation for construction underway for end of October.

Primary KLLCF Guidance Document Conservation Action Addressed:

- Restore or enhance ecosystem processes/functions (10)

Recommendation to Directors:

- Strong proposal, high-value work, and good community support with on-the-ground actions.
- High level of expertise on project team; confident that project will be executed well and appreciate they are building and improving upon previous work.
- Good value for the proposed budget with high percent of leveraged funds.
- Good to see continued relationship with Yaqan Nukiy.
- TRC recommends supporting this project.

Feedback to Proponent:

- Strong, concise proposal with good level of detail; appreciate that seeding and nursery details are provided.
- High level of expertise on project team; confident that project will be executed well and appreciate they are building and improving upon previous work.
- Good value for the proposed budget with high percent of leveraged funds.
- Good to see continued relationship with Yaqan Nukiy.
- Consider installation of wildlife cameras to assess wildlife use.
- Not appropriate to include letters of support in the application from organizations receiving work through the project.

3. Protecting Indigenous Cultural Values and Fish and Wildlife Habitat on Kootenay Lake (NEW)

Total: 42.8 Points

Funding Requested: \$10,000

Recommended: \$10,000

Submitted by: Ktunaxa Nation Council – Kerri Garner

Project Location: RDCK LCF — Areas A, D, E

2023 Project Budget:

Funding	Amount	Percent
RDCK LCF Requested	\$10,000	6%
Other Cash	\$111,939	72%
In Kind	\$35,250	22%
Total Project Budget	\$157,229	

Project Description: The Cultural Values Study (CVS) and Integration into the Kootenay Lake Shoreline Guidance Document (SGD) is important for conservation as it provides a unique opportunity to integrate Indigenous cultural values and ecological information to guide development around the 400 km of shoreline of Kootenay Lake. In the 10 years since the original SGD was created in 2012 there has been an approximate loss of 4.5 km of natural shoreline³ from development. This project aims to update and improve the SGD, produce a set of performance measures to annually track the effectiveness of the SGD, and conduct outreach and training to key stakeholders to ensure the information developed through the SGD is leveraged to its fullest to minimize future losses of Indigenous values and fish and wildlife habitat. This project will collect and combine the Ktunaxa CVS, an Archeological Overview Assessment, Foreshore Inventory Mapping and recommendations by the Kootenay Lake Partnership (KLP) to create a new and improved SGD. The SGD will help aid long term planning for all levels of government to protect Indigenous cultural values as well as high value fish and wildlife habitats. When referrals/applications for development come through municipal, regional, provincial, federal or Indigenous Nations the Kootenay Lake SGD will help guide decision makers by giving them a standardized risk-based approach to identify if the proposed lakeshore development could impact important Indigenous values or fish and wildlife habitat. This project is at the forefront of land and water management which sees Indigenous rights and title as integral to resource and environmental management. Indigenous people have existed in Canada since time immemorial. Within Indigenous culture, language and spirituality, a strong

³ From Schleppe, J., and S. McPherson. 2022. Kootenay Lake Foreshore Integrated Management Planning. Prepared for Living Lakes Canada. Prepared by: Ecoscape Environmental Consultants Ltd.1, and Lotic Environmental Ltd.

environmental stewardship ethic exists which recognizes that the human relationship with the environment, especially nature's need for water, extends to all species.

Project Objectives:

- 1) Updating and Improving Shoreline Guidance Document
 - a. Working through the KLP, conduct an effectiveness assessment on the 2012 SGD to determine how key stakeholders are using the document and identify areas to improve how the SGD is used and shared. Include assessment of how many referrals used the Foreshore Inventory Mapping, Archeological Overview Assessment, and or Cultural Values Study to inform decision making.
 - b. Establishing indicators and performance measures to establish methodology for annual assessment of use of SGD.
 - c. Updating Cultural Values Study which entails an in-depth inventory of sites, ethnography, Yaqan Nukiy Community engagement, interviews and site visits with Knowledge Holders.
 - d. Integrating the updated CVS, Foreshore Inventory Mapping (FIM) as well as the Archeological Overview Assessment (AOA) and KLP updates into a new and improved Shoreline Guidance Document.
- 2) Communication/Outreach
 - a. Hosting training sessions on how to use the SGD for Ktunaxa Nation Council, federal, provincial, regional staff, and municipal staff involved with referrals and compliance and enforcement on Kootenay Lake.
 - b. Conducting outreach on what the SGD is and how to use it for key stakeholders including local contractors, Friends of Kootenay Lake Stewardship Society, and the Kootenay Lake Waterfront Property Owners Society.
 - c. Facilitating Info Sessions on the new SGD in five communities around the lake including Yaqan Nukiy, Nelson, Crawford Bay, Kaslo, Argenta. This would include a presenter from the Ktunaxa and the KLP.
 - d. Updating KLP website to better share information on the new SGD.
 - e. Designing and distributing an information brochure for residents which would include info about the SGD and how it can help shoreline homeowners to navigate the permit process and help to protect the sensitivity of shoreline environments.
- 3) Implementation
 - a. Coordinating and harmonizing bylaw and enforcement efforts on Kootenay Lake with all levels of Government.
 - b. Incorporation of the Shoreline Guidance Document by local and regional governments into planning initiatives such as Development Permit Areas and Official Community Plan policy and objectives, water surface zoning.
 - c. Continued information sharing through the KLP and key stakeholders.
 - d. KLP Coordinator to respond to public/stakeholder questions related to the release of the SGD.

Primary RDCK LCF Guidance Document Conservation Action Addressed:

- Species or habitat assessment/inventory to identify critical, rare, or sensitive habitat (8)

Recommendation to Directors:

- Excited to see a proposal from a First Nations proponent (first in Fund history).
- Great project and strong proposal; good value for requested funding.
- Cultural Values Study is important work that should be integrated into the Shoreline Guidance Document.
- TRC recommends supporting this project.

Feedback to Proponent:

- Great project and strong proposal; good value for requested funding.
- Cultural Values Study is important work that should be integrated into the Shoreline Guidance Document.
- Unsure how the Shoreline Guidance Document gets used / implemented (could have included more details on this) and if stakeholders are being involved in the development of the document to ensure its usability.
 - How is Shoreline Guidance Document use monitored?
- Would have liked to see more detail around the role of the KLP Coordinator as this is a large component of the project budget.
- Suggest identifying actual target numbers for the measures of success provided in the project work plan table.

4. Bat Roost Habitat Monitoring in the Kootenay Lake Area

Total: 42.6 Points

Funding Requested: \$20,441

Recommended: \$20,441

Submitted by: Wildlife Conservation Society Canada — Dr. Cori Lausen

Project Location: RDCK LCF — Areas A, D and E

2023 Project Budget:

Funding	Amount	Percent
RDCK LCF Requested	\$20,441	24%
Other Cash	\$58,146	67%
In Kind	\$7,875	9%
Total Project Budget	\$86,462	

Project Description: Bats are the longest-lived slowest reproducing of all small mammals making them vulnerable to slow-developing threats. Habitat degradation over the lifetime of a human and bat, which can span decades, can result in dependency on habitats that can instantly be lost (e.g., eviction from a building with no remaining proximal roosts available). Many species of bats depend on crevice habitats, and specifically tree cavities, for rearing young. While adult bats can, and will, roost in many locations, only certain roosts promote the successful rearing of young. Building-roosting bats have found suitable varying microclimates in large buildings, simulating the use of multiple types of tree roosts. However, most species, particularly those that are not colonial, have not adapted to use buildings or bat boxes. There is a growing awareness that artificial bark roosts may compensate for lost natural tree habitats more effectively than bat boxes. The long-term goal is to restore natural, and secure anthropogenic, roosting habitat for bats. In the West Kootenay, including the RDCK LCF area, the project entails locating, creating and monitoring roosts, and communicating with landowners. Using chainsaw modifications, artificial bark (BrandenBark, marketed to last 30+ years⁴), and construction of condos, we have enhanced bat roost habitat in the West Kootenay, and through the Kootenay Community Bat Project, we have identified new building roosts. We will now monitor/evaluate through acoustic recording, emergence counts, mark-recapture (at sentinel roosts), and genetic sampling (guano).

Project Objectives:

- 1) Monitor the new bat condo in Kuskanook.
 - a. Collect guano and install/maintain monitoring equipment to determine use and quantify available microclimate options.

⁴ Copperhead Consulting; <https://copperheadconsulting.com/brandenbark/>

- b. In response to the level of use by bats, the program participants will count bats emerging from the structure up to 4 times as part of the BC Annual Bat Count.
- 2) Monitor artificial tree roosts and wildlife trees in the North Kootenay Lake area (Lardeau – Duncan Lake)
 - a. Install guano catchers on all roost creations, and install monitoring equipment (e.g., acoustic roostloggers, microclimate loggers) to determine use.
 - b. Check for and collect guano periodically throughout the summer and submit guano for genetic analysis to identify species.
- 3) Monitor for changes in baseline species diversity and relative abundance.
 - a. Continue to acoustically record bat echolocation calls in the Meadow Creek NABat grid cell.
 - b. Deploy at least one bat detector during the migration period in the RDCK LCF area. This will identify species, help determine the significance of the valley as a migration corridor, and document pattern/timing of migration.
- 4) Create an interactive map of all known roosts in the RDCK LCF area.
 - a. Create a GIS map with all the known roosts in the Kootenay Community Bat Program and the Wildlife Conservation Society Canada’s databases. Each roost will have type structure, status and species information.
- 5) Expand the annual BC Bat Count Initiative
 - a. Recruit (and train as needed) volunteers to count bats emerging from roosts at least 2 to 4 times per summer.
- 6) Support RDCK LCF area landowners who have bats and provide Basin-specific guidance for roost protection, enhancement or replacement.
 - a. Provide education and outreach (e.g., social media, website bcbats.ca, videos, guidance documents, etc.) and respond to phone calls, emails and conduct site visits as needed to landowners.

Previous RDCK LCF Funding:

Year	LCF Funding Received
2022	\$13,000
2021	\$14,000
2020	\$15,000
2019	\$10,000
TOTAL	\$52,000

*Note: The Kootenay Community Bat Project was also supported by the RDCK LCF in 2016 (through Kootenay Centre for Forestry Alternatives) and 2017 - 2018 (through Wildlife Conservation Society Canada).

2022 Accomplishments:

- Guano was collected under five bridges in the RDCK LCF area; one additional bridge will be sampled in October. Guano also collected at the new Kuskanook Bat Condo.
- Educational sign installed at Kuskanook Bat Condo ("Kuskanook Bat Chalet") in August 2022. Additional sign thanking partners and funders to be installed fall 2022.
- Recorded echolocation calls in the meadow Creek NABat grid cell- acoustic data collected.
- At least one detector was deployed to record bats during migration period, long-term using solar. Acoustic data collected from late summer and fall; to be removed in fall 2022.
- Annual bat count completed; recruited and trained volunteers to count bats at sentinel roosts. Two new roosts counted in addition to other roosts counted.
- RDCK LCF landowners have received information and assistance as needed.
 - >30 emails and phone calls answered.
 - 9 site visits to landowners within RDCK LCF area - advised on replacement habitats; follow-up ongoing during fall 2022.
 - 2 formal public presentations delivered and several informal presentations to community members during site visits took place.
 - 16 facebook posts.
 - 3 press releases.
 - 6 newsletters.

Primary KLLCF Guidance Document Conservation Action Addressed:

- Protect identified critical, rare or sensitive habitats or features (10)

Recommendation to Directors:

- Important work overall to conserve bat populations which are highly at risk.
- Strong proposal with well thought out work plan.
- TRC recommends supporting this project.

Feedback to Proponent:

- Supportive of project overall; strong proposal with good outcomes.
- Appreciate level of engagement with First Nations.
- Appreciate proponent addressing previous TRC comments in 2022 letter and 2023 proposal.
- Suggest making it more clear in proposal on why natural roosting attributes are such a limiting factor (include statistics where possible).

5. Habitat Restoration for Beavers along the Duncan Lardeau River Floodplains

Total: 42.3 Points

Funding Requested: \$10,000

Recommended: \$10,000

Submitted by: British Columbia Conservation Foundation – Ainslie MacLeod

Project Location: RDCK LCF — Area D

2023 Project Budget:

Funding	Amount	Percent
RDCK LCF Requested	\$10,000	21%
Other Cash	\$36,000	75%
In Kind	\$2,000	4%
Total Project Budget	\$48,000	

Project Description: Beavers are known throughout North America to be ‘wetland engineers’ and a keystone species that creates and maintains critical habitat for many other species. In the Duncan-Lardeau, beaver-created wetlands support species at risk and other rare species including Great Blue Heron, American Bittern, Western Toad, and Western Painted Turtle, all species for which habitat is otherwise scarce in this rugged landscape. Where beavers were once abundant in other parts of western North America but are now absent or rare, actions that have been taken to restore populations include building beaver dam analogues (BDAs) to ‘kick-start’ the use of areas by beaver, re-introducing beaver pairs, food planting, provision of material for larger dam-building and provision of low-cost technology/advice to facilitate human and beaver coexistence. The project expects to benefit the Kootenay Region by working with beavers to restore and enrich vibrant wetlands throughout the lower Duncan River floodplain which is a unique jewel in many respects as a largely protected, wild, river delta at the north end of Kootenay Lake.

Project Objectives:

The ultimate goal of this project is to restore healthy, self-sustaining beaver populations, thriving wetlands and Species at Risk on the Duncan (Lardeau) floodplains using a broad range of integrated approaches.

- 1) To construct a variety of small-scale beaver-inspired analogues to encourage beavers to re-occupy suitable sites. This assumes that once beavers have established, they and their works and wetlands will be self-sustaining.

- 2) Try additional, simpler measures, such as placement of ‘dam-building materials’ in areas where they are lacking or playing recorded sounds of water running to encourage dam-building in strategic locations.
- 3) Continue investigation into the various causes of mortality in beavers along the lower Duncan, which may involve the placement of trail cameras.
- 4) Work towards augmentation of the beaver population with ‘nuisance’ beavers (preferably pairs) from other areas to suitable, unoccupied sites along the lower Duncan floodplain. (Sites are being identified/catalogued in 2022).
- 5) Restore willow and cottonwood populations by planting along waterway edges presently occupied by reed canary grass, to encourage the re-occupation of waterways by beavers.
- 6) Investigate and better understand key sub-surface and surface hydrological drivers of the lower Duncan River riparian system that impact beavers and other wetland/riparian values.
- 7) Develop and implement restorative hydrological solutions informed by findings in Objective 6, some of which may be on a large scale.

Previous RDCK LCF Funding:

Year	LCF Funding Received
2022	\$11,500
2021	\$5,000
2020	\$6,000
TOTAL	\$22,500

2022 Accomplishments:

- Reconnaissance-level assessments in the Project 2a, 2b area and upper Argenta Slough Project 5 area, as well as all necessary detailed technical advice for Project 1A.
- Several potential machine operators have been identified. Note: Not continuing Project 3, only Project 1A as the Project 3 site was completely inundated in the freshet of 2022, (a higher freshet than has occurred in recent years). A new site is being considered applying the same concept in the same vicinity, but it will not be undertaken in 2022.
- Pending: Drone photos for Site 1A vicinity are scheduled for October when water levels are low. The drone will produce an ortho-rectified image and a map will be produced delineating vegetation types and other features of interest as a baseline record.
- In progress: compilation and analyzing historic air photos of project sites, frequent site checks before restoration actions to monitor conditions, setting up for October-November beaver ‘spot’ surveys and standardized checklist for potential release sites, re-assessing the need for population augmentation, and creating a ‘catalogue’ of potential release sites to aid in the timely ability to act if beaver pairs are available.

Primary KLLCF Guidance Document Conservation Action Addressed:

- Restore or enhance ecosystem processes/functions (10)

Recommendation to Directors:

- Important project for beaver recovery and riparian restoration in the region that supports local consultants and utilizes local expertise.
- Valuable project to support and see benefits of on-the-ground work.
- TRC recommends supporting this project.

Feedback to Proponent:

- Strong proposal with proven track record, good partnerships, and excellent local expertise.
- Appreciate the consideration of previous TRC comments; happy to see more hydrology being considered and involvement of an engineer.
- Ensure continued communication with local trappers.
- Could potentially use wildlife cameras to monitor beavers and evaluate effectiveness.
- Appreciate evolution from scoping project idea to on-the-ground action.
- Suggest focusing only on 2023 project activities in proposal (including previous year's activities can be confusing while evaluating new proposed work).
- Suggest communicating with operators of Duncan Dam and identifying any periods of vulnerability during beaver reproductive cycle that may be negatively impacted by dam discharge.

6. Kootenay Watershed Science (KWS)

Total: 40.6 Points

Funding Requested: \$7,773

Recommended: \$7,773

Submitted by: Living Lakes Canada — Paul Saso

Project Location: RDCK LCF — Area D

2023 Project Budget:

Funding	Amount	Percent
RDCK LCF Requested	\$7,773	6%
Other Cash	\$57,002	45%
In Kind	\$62,500	49%
Total Project Budget	\$127,275	

Project Description: The number of hydrometric stations run by government agencies has significantly decreased across the Columbia Basin in recent decades, while demand on terrestrial and aquatic resources continues to grow. The absence of a comprehensive dataset creates conservation and community challenges because the data available from government sources does not capture the environmental changes underway, especially in smaller watersheds. As a result, important decisions about land-use planning, water use, stewardship, forest management, aquatic habitat, and emergency preparedness are being made without appropriate data to support and inform them. Climate change impacts are already having profound effects on the Kootenay Lake region, leaving communities and ecosystems vulnerable. The Kootenay Watershed Science (KWS) hydrometric, snow, alpine lake health and function, and climate monitoring project, builds an essential understanding of small and medium-sized watersheds to determine how they are being impacted. KWS is currently undertaking a watershed modelling project that will take this a step further by using essential datasets combined with state-of-the-art climate modelling to estimate future streamflow in local watersheds. Thereby creating an empowering tool for communities and governments to plan for a safe and sustainable future. KWS's extensive network of stream monitoring equipment records stream water temperature which is of prime importance to fish health. As climate change continues to affect the region this dataset will provide fish conservation initiatives with the data they need to assess the risk to fish populations caused by climate change, and empower environmental managers to make sound decisions around habitat conservation.

Project Objectives:

- 1) Maintain and expand the project's network of stream discharge and temperature monitoring stations to fill gaps in our understanding of watersheds in the region. KWS currently operates 7 streamflow stations.

- 2) Maintain one low elevation and 2 high elevation climate stations which provide us with in-depth, high-resolution information about precipitation and temperature in the region and how they are changing with climate change.
- 3) Continue operation of 2 high elevation snow survey sites providing essential information about snow accumulation. This data is now used by the BC government to help improve flood prediction and keep communities safe.
- 4) Continue monitoring the health and function of two alpine lakes in the region. This project will greatly expand our understanding of alpine lakes and help to guide conservation and future water budgeting efforts.
- 5) Continue the ongoing collection, analysis and sharing of high quality, standardized climate and streamflow data. KWS data will be available through Living Lake Canada's Columbia Basin Water Hub and the Aquarius Web Portal.
- 6) Continue to improve and expand current monitoring program.
- 7) Complete a wildfire suppression project to improve preparedness of communities in the region for nearby wildfires.
- 8) Use accumulated dataset to inform hydrologic modelling. This project will provide high quality estimates of future streamflow in watersheds based on climate modelling scenarios, providing an essential tool to communities and decision makers to empower sound water and conservation initiatives in response to climate change.

Previous RDCK LCF Funding:

Year	LCF Funding Received
2022	\$8,000
2021	\$7,500
2020	\$12,000
2019	\$20,000
2018	\$20,000
2017	\$20,000
TOTAL	\$87,500

2022 Accomplishments:

- Data collection and site maintenance occurred over the spring and summer in seven creeks. Ongoing data processing and analysis is occurring with the collected data.
- High elevation snow monitoring was successful in the winter and spring of 2021 at two sites: Purcell and Lost Ledge. Data from this program were used this year for flood and flow forecasting by the province and others.
- Automated monitoring stations are continuously recording temperature and precipitation data at 3 sites. Data was downloaded from one low elevation site (Johnsons Landing) and two high elevation sites (Kootenay Joe and Lost Ledge).

- Alpine lake monitoring program continued in 2021 with automated data collection equipment installed in Upper Fletcher Lake near Kaslo.
- Data that has been collected is continuously being published to the publicly accessible Aquarius Web Portal and the Living Lakes Canada Waterhub. Snow monitoring data is collected and shared on the BC government snow survey data site.
- Website receives ongoing updates to remain current with the program; various blog and social media posts have been made since April 2022 to update funders and the public on the ongoing work that has occurred with this project.
- Since June 2022, program has been mentoring young Living Lakes Canada staff to support their growth in this industry and allow them to support the initiatives of this project. In 2022, we hosted a workshop and a field lab with Selkirk college students and will be looking to repeat this educational initiative in the 2023 school year.

Primary KLLCF Guidance Document Conservation Action Addressed:

- Climate change monitoring that enhances understanding of habitat changes and/or risk to survival (8)

Recommendation to Directors:

- Worthwhile and important project with demonstrated success over the years; good team of people and confident it will result in quality work.
- Project contributes a great deal of critical knowledge to the region and has high likelihood of effectiveness.
- TRC recommends supporting this project.

Feedback to Proponent:

- Worthwhile and important project with demonstrated success over the years; good team of people and confident it will result in quality work.
- Would like to see engagement with Ktunaxa as a rights holder / potential data user group.
- Would be nice to see in-kind support from the Government of BC to indicate a contribution to the project.
- Would have liked to see more detail in the budget (e.g., km and km rate for mileage, hourly or day rates for contractors, accommodation, equipment rates, etc.).
- Appreciate proponent's response to previous TRC feedback and recommendations; proposal is improved from previous years and appreciate the reduced ask for funding / increase in project partners over time.
- Rationale as alpine lakes as a critical component to project lacked depth, and unsure of relevance of wildfire suppression / applied research component (would have like to see more details).
- Would like to see when and how data will be used for action; can results be used to communicate data summaries, learnings to date, etc.? Would be helpful to direct TRC to where data is housed on data portals (TRC had difficulty finding project data).

7. Fuel Management and Wildfire Impacts on Vegetation, Wildlife and Water Quality (NEW)

Total: 38.8 Points

Funding Requested: \$9,500

Recommended: Not recommended for funding

Submitted by: Arrow Lakes Environment Stewardship Society — Richard Johnson

Project Location: RDCK LCF — Area A

2023 Project Budget:

Funding	Amount	Percent
RDCK LCF Requested	\$9,500	41%
Other Cash	\$11,900	52%
In Kind	\$1,500	7%
Total Project Budget	\$22,900	

Project Description: Years of wildfire suppression have resulted in dense forests, ladder fuel build-up, and thick layers of debris on forest floors throughout British Columbia. With increased frequency and intensity of wildfires, intervention through restoration initiatives post-wildfire may help reduce the impacts of wildfire on habitat quality and food production for wildlife and biodiversity. This research will assess how wildfire mitigation techniques and wildfires themselves impact water quality, vegetation recovery, and wildlife use over time. By furthering our understanding of these impacts, the goal is to design a project to investigate restoration techniques in the face of climate change and shifting species assemblages to facilitate vegetation recovery following wildfire to increase forage for wildlife, reduce sediment runoff into water sources and assist with other aspects of ecosystem health. This research is vital given that climate change predicts longer fire seasons with higher severity fires (as seen last summer) and increased wildlife conflict in communities given reduced food sources in natural settings, making restoration of fire-affected sites more important than ever. Funding is being applied for work in the Darkwoods Conservancy to restore at least 10 ha of land, if not more, in 2023 which will (1) enhance soil stability locally, (2) enhance wildlife habitat, and (3) provide insight to restoration techniques that are effective in the Engelmann Spruce-Subalpine Fir and Interior Cedar Hemlock biogeoclimatic zones using local species and soils to implement more broadly throughout the region. Nature Conservancy of Canada is doing spring planting in the area, and the project will seed both within the same areas as some plantings are occurring, and in locations without active planting occurring.

Project Objectives:

The objectives relevant to Darkwoods Conservancy include:

- 1) Assess vegetation, wildlife use (ungulates, bears, birds) and water quality in sites impacted by wildfire of different severities compared to unburned control sites.
- 2) Use satellite imagery from the European Space Agency's EO Browser to acquire NDVI (Normalized Difference Vegetation Index) and NDMI (Normalized Difference Moisture Index) values for areas burned and compare to field surveys, to create a calibrated model to predict recovery from remote sensing data.
- 3) Develop restoration techniques (which species to plant, how to best plant, where to plant) in the most severely damaged sites to facilitate recovery of vegetation, wildlife use, carbon sequestration and water quality after wildfire. This will include:
 - a. Testing different soil and duff remediation techniques, utilizing local materials.
 - b. Testing different restoration techniques for delivery of seeds (e.g., drone seeding vs. backpack/manual seeding), all from native species with as many collected locally as possible.
 - c. Developing seed mixtures that account for culturally and ecologically important species.
- 4) Restore at least 10 hectares in 2023.

Primary KLLCF Guidance Document Conservation Action Addressed:

- Restore or enhance ecosystem processes/functions (10)

Recommendation to Directors:

- Not technically sound; proposal did not demonstrate a need for active restoration nor clearly identify steps / process / rationale for project.
- TRC does not recommend supporting this project.

Feedback to Proponent:

- Good idea and supportive of the concept in general, however, lacking sufficient detail; project seems ambitious with the proposed budget.
- Proposal did not demonstrate a need for active restoration nor clearly identify steps / process / rationale for project.
- Supportive of developing monitoring methodologies for the Darkwoods property but not able to fully understand proposed methods.
- Recommend being more explicit with methodology (also suggest including basic statistics and rationale, more details on invasive species mitigation (e.g., potential for project to invasive species in soil), and ensuring clear and coherent proposed plan).
- Project has potential and could be used to guide future research projects and restoration techniques in light of forest fire / climate change; recommend first developing methodology and then applying for funding for implementation.
- Encourage future applications to clearly explain rationale and provide realistic budget and timeline.



Board Report

Date of Report: January 4, 2023
Date & Type of Meeting: February 16, 2023 Open Board Meeting
Author: Stephane Coutu, Emergency Program Coordinator
Subject: EOC ALTERNATE SITE – GRANT APPLICATION
File: 14-7610-01
Electoral Area/Municipality: All

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to seek Board direction to submit an application for the 2023 stream of the Union of British Columbia Municipalities (UBCM) Community Emergency Preparedness Fund (CEPF) for the development of an alternate site for the RDCK Emergency Operations Centre (EOC) at the Robson Fire hall.

SECTION 2: BACKGROUND/ANALYSIS

Under the Emergency Program Act (EPA), local authorities must prepare plans for responding and recovering from emergencies in their jurisdiction. The RDCK Emergency Response and Recovery Plan states that when emergencies occur and they require response and resource coordination, an EOC will be activated.

The RDCK benefits from having a modern, dedicated EOC facility that can be rapidly activated when emergencies strike. This facility is located in Nelson and is maintained by the RDCK Emergency Program. When activated, the EOC is staffed by a number of trained RDCK staff coming from many departments.

In recent years, the district has been struck by a number of emergencies and with climate change, we are experiencing larger and more destructive emergency events. When planning for the emergency response, it is more important than ever before, to consider the continuity of operations and plan for the event that a hazard would disrupt the EOC facility and lead to its evacuation.

With developing an EOC alternate site it is important to weigh the maintenance costs, the likelihood and the scale to which the facility may be used for emergency response. In this case it is necessary to contemplate a large scale emergency that would require a large facility and considerable IT infrastructure, but the likelihood that an emergency would require the use of this alternate site is small and therefore the facility does not need to be fully dedicated to the EOC use. The EOC equipment would be readily available but the facility would continue to be used for its original purpose.

The Robson Fire hall has been identified for this project due to many factors. The facility has a large training room that can be transformed into an EOC and its proximity to the City of Castlegar is an advantage due to the availability of resources, food vendors and hotels. The fire hall has seen a number of major updates with an AC system and a backup generator. Ultimately, the development of the EOC Alternate site will benefit the fire hall but the end goal is to ensure the resiliency of the RDCK EOC.

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan: Yes No Financial Plan Amendment: Yes No
Debt Bylaw Required: Yes No Public/Gov't Approvals Required: Yes No

The total budget for this project is \$30,000 and will be 100% funded by UBCM.

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

The EPA requires local authorities to create and maintain an emergency management organization. For the RDCK, the foundation of the emergency program is the emergency Bylaw 2210.

3.3 Environmental Considerations

None.

3.4 Social Considerations:

Due to climate change and the increasing threat of floods and wildfires, it is important to ensure the resilience of our communities. In recent years, the RDCK EOC team has responded to many large-scale emergencies including region wide floods and extremely large wildfires. Maintaining the preparedness of the RDCK EOC is essential to ensure the efficiency of the emergency response.

3.5 Economic Considerations:

Developing an alternate site for the RDCK EOC involves some upfront costs along with some future maintenance. On the other hand, enhancing the resiliency of the RDCK EOC will ultimately reduce the response period in the event of a major emergency leading to the required use of a pre-established EOC alternate site. Ultimately, a prompt response to emergencies can lead to a reduced recovery period and can limit the overall negative impact of a disaster.

3.6 Communication Considerations:

None.

3.7 Staffing/Departmental Workplace Considerations:

Emergency Management staff dedicates time to emergency preparedness with maintaining the EOC facility and its systems and procedures. The development and maintenance of the EOC Alternate Site will not require additional staffing considerations.

3.8 Board Strategic Plan/Priorities Considerations:

1. To excel in governance and service delivery
3. To strengthen our relationships with our community partners
4. To adapt to our changing climate and mitigate greenhouse gas emissions

SECTION 4: OPTIONS & PROS / CONS

Option 1:

That the Board direct staff to apply to the UBCM Community Emergency Preparedness Fund (CEPF) Emergency Operations Centre and training stream to develop the EOC Alternate Site at the Robson Fire hall.

Pro: The development of this site will greatly increase the RDCK EOC’s resiliency.

Pro: Accessing these funds will enable staff to build the necessary IT infrastructure at the Robson fire hall for hosting a large scale EOC response.

Con: The grant management and site development will involve staff hours both from Emergency Management staff and the IT Department staff.

Option 2:

That the Board direct staff not to apply for the UBCM CEPF grant.

Pro: This would reduce the amount of staff time dedicated to the grant application and management process.

Con: This option would limit the development of the EOC Alternate site and ultimately, the site would not be able to accommodate the IT needs of a large scale EOC activation.

Con: It would be necessary to source a different funding stream.

SECTION 5: RECOMMENDATIONS

That the Board direct staff to apply for the Union of British Columbia Municipalities Community Emergency Preparedness Fund Emergency Operations Centre (EOC) grant for the purpose of developing the RDCK EOC Alternate Site;

AND FURTHER, that these costs be included in the 2023 Financial Plan in Service A101 – Emergency Program subject to a successful application.

Respectfully submitted,
Stephane Coutu, Emergency Program Coordinator

CONCURRENCE

Manager of Community Sustainability – Chris Johnson	Approved
GM of Development & Community Sustainability – Sangita Sudan	Approved
Chief Administrative Officer – Stuart Horn	Approved



Board Report

Date of Report:	January 4, 2023
Date & Type of Meeting:	February 16, 2023 Open Board Meeting
Author:	Paris Marshall Smith, Sustainability Planner
Subject:	RDCK Climate Actions: Supporting Momentum in Rural Communities
File:	5200-20-CAS-CAP
Electoral Area/Municipality:	All RDCK Areas

SECTION 1: EXECUTIVE SUMMARY

This report asks the Board to consider 4 items regarding the continued development and implementation of RDCK Climate Actions.

1. **Overview:** introduces the revised draft [RDCK Climate Actions public booklet](#) and accompanying [Climate Action workbook](#) based on feedback received from Board engagement in Q4, 2022
2. **Engagement:** requests the Board receive RDCK Climate Actions to enable public engagement and then adoption in April 2023
3. **Implementation Plan:** outlines a detailed implementation plan for new actions proposed (Attachment A: BRD-RDCK_Climate_Actions-ATTACH01) for Board review.
4. **Receipt of Board statements:** provides revised statement of Colonial Impact & Indigenous Leadership and Climate Action Vision statement which were part of the Board's review in 2022 are attached as information (Attachment B: BRD-RDCK_Climate_Actions-ATTACH02 & Attachment C: BRD-RDCK_Climate_Actions-ATTACH03)

SECTION 2: BACKGROUND/ANALYSIS

1. OVERVIEW

In April 2019, the Regional District of Central Kootenay (RDCK) declared a climate action imperative for all orders of the government to apply a low carbon resilience lens to decisions on building construction, energy systems, resource recovery, land use and transportation. This imperative obliges the RDCK to pursue opportunities that will further catalyze the RDCK as a climate action leader.

In response to the Board's directive, the [RDCK Climate Action Strategy](#) was drafted to support clear and deliberate action. The strategy includes 3 pillars:

1. inform with good data (reporting and tracking);
2. guide with systems to influence, understand and support decision making; and,
3. take action – bold and responsive to rural communities

RDCK Climate Actions is directed by part 3 of the RDCK Climate Action Strategy and outlines a path to creating a healthier more resilient region. RDCK Climate Actions centers the rural experience, integrates equity into climate action, and focuses on building a culture that supports action.

Since 2019, the RDCK Climate Action Strategy (Inform, Guide, Act) and the [State of Climate Action report \(SoCA\)](#) have supported high-level planning for, and reporting on climate action in the RDCK in an effort to be more intentional and strategic with our climate actions. After 3 years of monitoring and measuring our actions, it was clear that a forward-looking plan was needed to achieve the carbon pollution reduction targets. Now with RDCK Climate Actions, the RDCK is defining what it will do from 2023-2026 to reduce its carbon pollution and our region's vulnerability to the climate crisis.

The intent of RDCK Climate Actions is to identify actions that build on existing successes in our communities and take advantage of current initiatives while advocating for and creating opportunities focused on rural areas through pilot projects, programs, policies, incentives, etc. As well, RDCK Climate Actions will work with member municipalities to support the reduction of their carbon pollution through collaboration and partnership. The strategy of designing the Plan with a 4-year lifespan aligned with the electoral cycle is to ensure the RDCK's climate action work stays dynamic and is able to integrate new and emerging policies and technologies.

STRUCTURE OF RDCK CLIMATE ACTIONS

RDCK Climate Actions has different forms for different audiences:

1. RACK CARD – condensed summary for public distribution (Attachment D: BRD-RDCK_Climate_Actions-ATTACH04)
2. [PUBLIC BOOKLET](#) – engagement, education and action – 35 pages, very visual, invites personal action, provides a summary list of the actions
3. [CLIMATE ACTION WORKBOOK](#) – deeper dive into all the actions
4. INTERNAL – comprehensive action plans for each action to support implementation, tracking & reporting

The actions are organized across 10 pathways – Land Use & Planning, Transportation & Mobility, Energy, Buildings, Resource Recovery, Water, Food & Agriculture, Floods & Geohazards, Wildfire, and Leadership & Operations.

Within each Pathway are 5-12 actions supported by implementation plans for a total of 95 actions, 60 of which were already identified in RDCK departmental workplans. The additional actions were identified through consultation with experts, engagement with community and collaboration with staff. Some examples of new actions include:

- Transition the RDCK corporate fleet to zero emission vehicles working in collaboration with Ministry of Transportation & Infrastructure, Parks, and community groups
- Integration and implementation of the RDCK Better Corporate Building Policy
- Develop a RDCK Asset Management Plan with climate resilience lens
- Support local producers to implement climate adapted agricultural strategies
- Re-establish Regional WaterSmart Ambassador program
- Create a Trip Avoidance Policy for RDCK staff
- Integrate an assessment of climate impacts in RDCK Board reporting

CLIMATE ACTION CULTURE

Achieving the targeted carbon pollution reductions will require changes from all of us. RDCK Climate Actions focuses on tangible actions, as well as actions designed to shift our collective culture to prioritize low carbon and adaptive actions. We call this Climate Action Culture. RDCK Climate Actions addresses both our corporate and community Climate Action Culture by considering ways to work together to change our behavior and build more resilient, connected and equitable communities.

For us as an organization, RDCK Climate Actions is building a culture that prioritizes climate actions in all RDCK decision-making processes to support behavioural change. Tools include policy, decision-making matrices, regulation, incentives, messaging (on job descriptions, report templates, performance reviews etc.) and learning labs, formal and informal discussions, and MyRDCK, MyIdea - type idea generation initiatives.

For the community at large, RDCK Climate Actions is supporting current climate action culture through partnerships and investigating new rurally focussed opportunities using tools like learning labs, think tanks, hubs, and pilots.

2. ENGAGEMENT

COMMUNITY ENGAGEMENT TO DATE

RDCK Climate Actions is built on 3 years of internal and external engagement through the State of Climate Action, 100% Renewable Energy Plan, MyRDCK, MyIdea, review and integration of community plans and strategies including:

- RDCK Resource Recovery Plan
- West Kootenay Transit Plans
- Official Community Plans
- Stronger Together (Creston Valley-Kootenay Lake Economic Action Partnership)
- Community Economic Development Strategy: Co-ordinated Leadership (Kaslo and Area D Economic Development Commission)
- West Kootenay 100% Renewable Energy Plan (Castlegar, Kaslo, New Denver, Nelson, Slocan, and Silverton)
- Nelson Next – Nelson Climate Action Plan
- North Kootenay Lake Food Shed (North Kootenay Lake Community Services Society)
- Central Kootenay Food Policy Council Evidence-based Food Policy Project & Food Security Action Plan
- Kootenay Boundary Farm Advisors (KBFA) Regional Adaptation Strategies: Kootenay & Boundary (Climate Change Adaptation Program)
- RDCK's Strategic Community Energy Emissions Plan & Integrated Community Sustainability Plan

Most recently, the draft RDCK Climate Actions has been shared with First Nations, community groups and member municipalities through 2 online open houses (September and November). Community groups and member municipality staff were invited to an introduction and overview of the draft RDCK Climate Actions, those that attended included:

- Silverton, Slocan, Salmo, Castlegar, Nelson, and Creston

- Yaqan Nukiy, Ktunaxa Nation Council, Sinixt – Colville Confederated Tribes, Syilx-Okanagan Nation Alliance, and Secwépemc
- East Shore Transportation Hub
- West Kootenay Climate Action Hub
- West Kootenay Cycling Coalition
- Selkirk Innovates
- Creston Wildsight
- Creston Climate Action
- Slocan Climate Action Commission
- Lardeau Valley Opportunity Links Society (LINKS)

Staff have also met with individual groups to hear their specific concerns and questions. This process was vetted through the Board Advisory Climate Action Group.

What we heard:

- Actions are comprehensive and bold
- Plan is complex and inclusive, clearly reflects rural priorities
- Appreciate the recognition of uniqueness of RDCK rural communities
- Excited to see a focus on climate action culture, that is unusual and necessary
- Must include a focus on equity
- Housing & affordability needs to be present
- Recognition of Indigenous leadership needs to be present
- How do we address the impacts of forestry?
- Youth must be a focus
- The final report and recommendation must be available 6 months ahead of the next election (2026)
- How do we use structure and information to ensure we are invitational and welcoming?

NEXT ROUND OF COMMUNITY ENGAGEMENT February – April 2023

In addition to engaging with First Nations, residents and interest groups, staff will use the next round of time to connect specifically with RDCK staff, committees and commissions for their input and feedback.

- Advisory Planning Commissions
- Agricultural Advisory Commission
- Economic Development Commissions
- Recreation Commissions
- Water Commissions

Staff have prepared engagement tools (rack cards for distribution, notices on RDCK newsletter and social media, virtual open houses, presentation materials). As well, staff will work with Directors who are interested in hosting a session specific to their community. If this is of interest, please connect with staff.

BOARD APPROVAL PROCESS

1. September – Board Climate Action Advisory Group & community review

- Staff met with the Board Climate Action Advisory Group twice to provide an introduction and detailed review of RDCK Climate Actions, comments were integrated into current draft
 - Staff also met with regional representatives of local climate action groups to provide an introduction and detailed review of RDCK Climate Actions, comments were integrated into current draft
2. November 17 Board meeting –
 - Board receives draft RDCK Climate Actions public booklet, draft workbook and draft implementation plan for review
 - Board asked to review RDCK Climate Actions in preparation for workshop on November 28
 3. November 28 RDCK Climate Actions workshop –
 - Review RDCK Climate Actions strategy statement
 - Review RDCK Climate Actions vision statement
 - Familiarize and review actions not included in workplans
 4. December 8 Board meeting –
 - Board receives an updated RDCK Climate Actions for review
 5. January 2 Board final comments -
 - Board were asked to provide final comments
 6. February Board meeting –
 - Staff provide a detailed implementation plan
 - Board receive RDCK Climate Actions
 - Direct staff to begin engagement with the public and RDCK staff, Committees and Commissions begins
 7. Community engagement –

From February to April, staff will support engagement with RDCK staff, Committees and Commissions. And support Elected Officials to engage with any other community groups. Attached is the community engagement plan and tools.
 8. April Board meeting -
 - Board asked to adopt RDCK Climate Actions

Quarterly reports & annual State of Climate Action reporting will provide updates on progress for the Board.

3. IMPLEMENTATION

Staff have prepared an Implementation Plan that provides information about each of proposed actions, the resources (project costs and staffing) required for delivery and timing. The intent of this plan is to give the Board confidence that the process and resources for implementing these actions has been considered.

Staff request that the Board review the Implementation Plan and consider it for adoption in April along with RDCK Climate Actions. Staff note that this timing will require an amendment for the 2023 Financial Plan, however funding will be from grants and therefore will not impact requisition.

RURAL CLIMATE ACTION RESPONSE

When responding to the climate crisis, rural communities are uniquely challenged. RDCK rural communities face pressures such as watershed development, geohazards, limited (and often no) access to public transit and power grid instability. This context requires a different response than the more common urban climate action model.

RDCK Climate Actions supports actions that reflect the RDCK rural reality and identifies methods to understand and target other community and neighbourhood specific solutions through tools like hosting learning labs, think tanks, hubs and pilots. Current investigations include:

- Transportation – what does active and low carbon mobility look like in your community or neighbourhood?
- Grid resilience – investigating options to offset fossil fuel intensive back up systems and create more reliable power supply
- Wildfire fuel treatments – looking at low carbon options like hugelkultur
- Rural Business support – working with Chambers of Commerce and Economic Development Commissions to provide support for climate action
- Circular economy – investigating re-use of construction and de-construction materials

Throughout it all, RDCK Climate Actions focuses on developing a regional culture committed to 2030 carbon reduction targets, where residents, institutions, and industries have greater motivation for climate action, and see the RDCK as a partner in climate action, a place for information, accountability, and coordinated action.

FUNDING CLIMATE ACTIONS

The cost for this Plan is estimated at \$1,001,000.00 plus staff time over the 4-year lifetime. This estimate includes costs for a Climate Action Coordinator for 2 years to lead the implementation of the RDCK Climate Actions and 4 Climate Action Ambassadors to lead community engagement and culture building. The remainder of the costs are primarily associated with the new actions identified.

Staff has determined that implementation of these actions will not have any significant taxation impacts, please refer to the financial section below where it is discussed in more detail. A draft implementation plan is included as **Attachment A: BRD-RDCK_Climate_Actions-RPT-ATTACH01**

4. REVIEW OF BOARD STATEMENTS

Following Board engagement, staff have revised the two statements from the Board in RDCK Climate Actions - Colonial Impact & Indigenous Leadership and Climate Action Vision statement which were part of the Board's review in 2022. They are attached for Board consideration: **Attachment B & C: BRD-RDCK_Climate_Actions-RPT-ATTACH02 & 03**

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Financial Plan Amendment:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Debt Bylaw Required:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Public/Gov't Approvals Required:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

RDCK Climate Actions has 96 actions across 10 pathways. 1/3 of these actions are not included in current workplans.

The cost for these actions is currently estimated at \$1,001,000.00 plus staff time over a 4-year period. This estimate includes costs for 1 Climate Action Coordinator for 2 years to lead the implementation of the RDCK Climate Actions and 4 Climate Action Ambassadors to lead community engagement and culture building.

Staff anticipate that 50% of these costs can be funded through CARIP and LGCAP with the remainder being covered primarily through grants over the 4 year life-cycle of the plan. A draft implementation plan is included as **Attachment A: BRD-RDCK_Climate_Actions-RPT-ATTACH01**.

A note on the Local Government Climate Action Program (LGCAP) - The 3-year LGCAP funding takes the place of Climate Action Revenue Incentive Program (CARIP) and provides an increase of approximately \$50,000 per year of funding for a total of at least \$134,082 per year. LGCAP funding is held in S100 and staff recommend it be used to support the implementation of RDCK Climate Actions.

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

None at this time

3.3 Environmental Considerations

The 4-year RDCK Climate Actions improves the RDCK's ability to take advantage of evolving technologies and understanding. The actions in RDCK Climate Action (2023-2026) support a 25% reduction in carbon pollution by 2026. The level of reduction is necessary to achieve a 50% reduction by 2030. The actions were modeled by climate action experts.

3.4 Social Considerations:

Six principles were identified during the development of the RDCK Climate Actions – leadership, urgency, iteration, collaboration, equity and integration. These guided the selection of the actions, and will continue to be used to guide the implementation of actions within each pathway.

RDCK Climate Actions supports an equitable distribution of the costs and benefits of climate action while transforming systems to make them more accessible to residents across the region, supporting those most vulnerable to the impacts of climate change. This is often referred to as a 'just transition' when discussing how to address the climate emergency.

3.5 Economic Considerations:

The 96 actions included in RDCK Climate Actions introduce many opportunities for job creation, economic development and localized investment in community based solutions.

The targets and actions outlined in RDCK Climate Actions provide clear signals to other orders of government, industry, institutional, and commercial interests that the RDCK is committed to climate action and where the RDCK needs provincial and federal support to achieve the targets.

It is understood that there is a significant gap between what can be currently accomplished and the targets for 2030 and 2050, primarily in resource recovery, fossil gas combustion, and commercial vehicles. This is consistent with all local governments around the world. No one has determined how to achieve the necessary reductions. Advances in technology will help eliminate some or all of the shortfall as will changes in political and personal will.

3.6 Communication Considerations:

A critical piece to keeping RDCK Climate Actions dynamic is our communication and engagement – how we communicate to residents, and how residents communicate back with us. The new framework will improve internal and external communications. Staff will work with consultants to develop a climate action communication strategy for the RDCK to support community involvement, feedback and transparency.

3.7 Staffing/Departmental Workplan Considerations:

Current project management is included in the Sustainability Planner and Climate Action Assistant workplans, as is on-going project oversight and support. Approximately 1/3 of the actions included in RDCK Climate Actions are new and not in workplans. Implementation of these projects will require more staff time. The current implementation plan includes costs for 1 Climate Action Coordinator for 2 years to lead the implementation of the RDCK Climate Actions and 4 Climate Action Ambassadors to lead community engagement and culture building. A more detailed implementation plan will be prepared for January 2023.

3.8 Board Strategic Plan/Priorities Considerations:

Nearly all of the Board’s Strategic Priorities are addressed by at least one of the initiatives included in RDCK Climate Actions. Given the priority of climate action identified by the Board, staff see it is critical to integrate this work into all operations and clearly communicate the commitment to the public.

SECTION 4: OPTIONS & PROS / CONS

There is no recommendation, this report is for receipt.

SECTION 5: RECOMMENDATIONS

There is no recommendation, this report is for receipt.

Respectfully submitted,
Paris Marshall Smith, Sustainability Planner

CONCURRENCE

Chief Administrative Officer – Stuart Horn	Approved	
General Manager of Development and Community Sustainability Services – Sangita Sudan		Approved
Manager of Community Sustainability Services – Chris Johnson	Approved	

ATTACHMENTS:

Attachment 1: BRD-RDCK_Climate_Actions-RPT-ATTACH01
Attachment 2: BRD-RDCK_Climate_Actions-RPT-ATTACH02
Attachment 2: BRD-RDCK_Climate_Actions-RPT-ATTACH03
Attachment 4: BRD-RDCK_Climate_Actions-RPT-ATTACH04



RDCK CLIMATE ACTIONS Implementation Plan – Draft

prepared for Board review
February 16, 2023

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DRAFT

1 INTRODUCTION

RDCK Climate Actions centers the rural experience, integrates equity into climate action, and focuses on building a culture that supports action.

RDCK Climate Actions builds on existing successes in our communities and take advantage of current initiatives while advocating for and creating opportunities focused on rural areas through pilot projects, programs, policies, incentives, etc. As well, RDCK Climate Actions will work with member municipalities to support the reduction of their carbon pollution through collaboration and partnership. The strategy is to ensure the RDCK's climate action work stays dynamic and is able to integrate new and emerging policies and technologies.

RDCK Climate Actions has 95 actions across 10 pathways. 1/3 these actions are not included in current workplans. This Implementation Plan provides more detail regarding the resources required to implement the new actions to provide confidence to the Board that the necessary planning and preparation is in place to deliver successfully.

Specifically, the Implementation Plan demonstrates how the proposed actions:

- support existing services to keep costs low and improve delivery
- can be funded through grants (no significant taxation)
- build partnerships with community groups to learn what works and coordinate actions
- investigate rural solutions to ensure actions are equitable and diverse

The cost for these actions is currently estimated at \$1,001,000.00 plus staff time over a 4-year period. This estimate includes costs for 1 Climate Action Coordinator for 2 years to lead the implementation of the RDCK Climate Actions and 4 Climate Action Ambassadors to lead community engagement and culture building.

CARIP and LGCAP will provide a significant contribution to the costs with the remainder being covered primarily through grants over the 4 year life-cycle of the plan. This is outlined in the pages that follow.

2 CONTEXTUAL SUMMARY

2.1 SUPPORT RDCK CORE SERVICES

When responding to the climate crisis, rural communities are uniquely challenged. RDCK rural communities face pressures such as watershed development, geohazards, limited (and often no) access to public transit and power grid instability. This context requires a different response that requires additional consideration, investigation and research. By and large, there is not the staff time within individual departments to support this work. Community Sustainability staff have worked with staff from planning, resource recovery, water services, wildfire, parks, and corporate admin to identify where support can be offered to advance critical climate action efforts beyond core service capacity.

RDCK Climate Actions has identified methods to understand and target other community and neighbourhood specific solutions through tools like hosting learning labs, think tanks, hubs and pilots.

These investigations support the delivery of core services by either leading initiatives that are currently beyond departmental capacity or that are distracted by requests for work beyond their purview (requests for Land Use Planning, Parks and Corporate Admin staff time to respond to Active and Low Carbon Transportation questions).

Current investigations include:

- Transportation – what does active and low carbon mobility look like in your community or neighbourhood?
- Grid resilience – investigating options to offset fossil fuel intensive back up systems and create more reliable power supply
- Regional Growth Strategy – research and learn from how other regional districts have used alternative/innovative strategies to guide regional development
- Wildfire fuel treatments – looking at low carbon options like hugelkultur
- Circular economy – investigating re-use of construction and de-construction materials

Throughout it all, RDCK Climate Actions focuses on developing a regional culture committed to 2030 carbon reduction targets, where residents, institutions, and industries have greater motivation for climate action, and see the RDCK as a partner in climate action, a place for information, accountability, and coordinated action.

2.2 CLIMATE ACTION CULTURE

RDCK Climate Actions focuses on tangible actions, as well as actions designed to shift our collective culture to prioritize low carbon and adaptive actions. RDCK Climate Actions addresses both our corporate and community Climate Action Culture by considering ways to work together to change our behavior and build more resilient, connected and equitable communities.

For us as an organization, RDCK Climate Actions is building a culture that prioritizes climate actions in all RDCK decision-making processes to support behavioural change. Tools include policy, decision-making matrices, regulation, incentives, messaging (on job descriptions, report templates, performance reviews etc.) and learning labs, formal and informal discussions, and MyRDCK, MyIdea - type idea generation initiatives.

3 THE FUTURE OF RDCK CLIMATE ACTION

3.1 VISION, OBJECTIVES & GUIDING PRINCIPLES

RDCK Climate Actions celebrates RDCK's role as a leader and is committed to supporting a resilient region for all residents. This leadership role is demonstrated through a foundation of equitable and just policy and regulation grounded in the unique rural reality of this region.

The implementation of RDCK Climate Actions supports an equitable distribution of the costs and benefits of climate action while transforming systems to make them more accessible to residents across the region, supporting those most vulnerable to the impacts of climate change.

Six principles were identified during the development of the RDCK Climate Actions – leadership, urgency, iteration, collaboration, equity and integration. These guided the selection of the actions, objectives and goals. They will continue to be used to guide the implementation of actions within each of the 10 pathways.

3.2 OPERATING MODEL

The 3 primary audiences of RDCK Climate Actions are RDCK residents, RDCK Board of Directors and RDCK staff. RDCK Climate Actions has different forms for the different audiences:

1. RACK CARD – condensed summary for public distribution
2. PUBLIC BOOKLET – engagement, education and action – 35 pages, very visual, invites personal action, provide a summary list of the actions
3. CLIMATE ACTION WORKBOOK – deeper dive into all the actions
4. INTERNAL PLAN – comprehensive action plans for each action to support implementation, tracking & reporting

As outlined, in addition to supporting core functions with meeting their climate action goals, RDCK Climate Actions is also focussed on building relationships between the 3 target audiences to create accountability in decision making and generate creative solutions that respond to the unique reality of our communities.

The Community Sustainability team will lead tangible actions, provide direct assistance to RDCK staff to enable them to integrate climate action more easily into their day to day functions, provide reports to the Board on the development of the actions, and engage with residents to explore neighbourhood based pilots.

3.3 REQUIRED RESOURCES

The cost for this Plan is estimated at \$1,000,000 plus staff time over the 4-year lifetime. This estimate includes costs for a Climate Action Coordinator to lead the implementation of the RDCK Climate Actions and Climate Action Ambassadors to lead community engagement and culture building in partnership with Youth Climate Corps (Wildsight). The remainder of the costs are primarily associated with the new actions identified.

Staff has determined that implementation of these actions will not have any significant taxation impacts. The Local Government Climate Action Program (LGCAP) will provide a foundation of funding (\$134,000 for 3 years) that can be leveraged for additional grant funding.

DRAFT

4 IMPLEMENTATION PLAN

4.1 HIGH LEVEL PLAN

The following plan is intended as a framework for implementing the new actions of RDCK Climate Actions. Over 2/3 of the actions included in the Plan are already approved actions, included in the departmental workplans.

The remaining 1/3 are actions that support existing services and support the advancement of climate action across the organisation without detracting from core functions. These are the actions presented in this Implementation Plan, organized actions across 10 pathways over a four-year period 2023-2026.

Based on the guiding principle of involving community members to plan and design services, and not preconceiving solutions, the implementation plan does not prescribe the nature of many specific initiatives with community members after years 1 and 2. Exceptions to this rule are actions suggested or supported by community members and archivists with whom this project engaged through surveys and interviews. For example, the recurring suggested action to sponsor and work with students comes from recommendations made by community archivists, who pointed out the importance of building capacity within the archives community to serve community groups. The lists at the conclusion of this document suggest other potential actions and initiatives identified in the course of engagement with City staff and community members for this project. These lists are intended to spark conversation and generate further ideas.

The transition plan is organized year by year, around the following categories of work:

- A. Land Use Planning
- B. Transportation & Mobility
- C. Resource Recovery
- D. Buildings
- E. Energy
- F. Water
- G. Food & Agriculture
- H. Floods & Geohazards
- I. Wildfire
- J. Leadership & Operations

See next pages for the Implementation Plan and Funding Plan tables

Color legend:

Staff leading the action:

Community Sustainability Team

- Senior Energy Specialist
- Sustainability Planner
- Climate Action Coordinator

Planning, Wildfire, Emergency Management

Larger initiative that the action supports

- Watershed Governance Initiative
- Regional Active Transportation Strategy
- Resilient Land Use planning
- Climate Action Culture

Implementation Plan

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objective: Update planning policies and bylaws to guide future development to create resilient, accessible and livable communities & Leverage planning policy to reduce the risk threshold of community development decisions and projects</p> <p>Strategy: Community Sustainability will support staff with research, coordination, procurement and oversight to achieve the following actions.</p>			
1. Land use Planning	<p>Climate Action Coordinator Begin researching and learning from how other regional districts have used alternative/innovative strategies to guide regional development Resilient Land Use planning</p>	<p>Sustainability Planner Integrate access to public greenspace, recreation, and active transportation networks Active & Low Carbon Transportation strategy development</p> <p>Planning Using the research conducted by Climate Action Coordinator consider the development of Regional Growth Strategies in areas experiencing growth pressures or at a minimum coordinate land use planning in consultation with RDCK municipalities for those adjacent settlement areas, ensure the consideration of housing availability and affordability in these discussions Resilient Land Use planning</p>	<p>Climate Action Coordinator Work strategically with Ministry of Transportation and Infrastructure and BC Parks to increase connectivity and multi-modal options for movement as part of Active & Low Carbon Transportation strategy development</p>

Table 1 – Land Use Pathway

	Description	Costs	Funding source
New Project costs	Consultant costs to support training and program developments	\$280,000	LGCAP BC Active Transportation Infrastructure Grant (BC) Infrastructure Planning Grant Program
New Staffing	Climate Action Coordinator	0.3 FTE	LGCAP & SPF-UBCM Capacity grant

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objectives: Promote and support mobility for residents (with a focus on vulnerable communities) through locally initiated multi-modal programs and infrastructure. Create an internal corporate structure and access to expertise that can support the shift to regional low-carbon transportation (zero-emission vehicles, buses, e-bikes/scooters, carshares, trains, ferries) within/between rural areas and municipalities By 2035, plan to shift all new cars to be zero emission vehicles (ZEV), which aligns with the Provincial CleanBC goal, and transitioning large diesel vehicles to run on low-carbon fuels</p> <p>Strategy: Community Sustainability will lead the development of a Regional Active & Low Carbon Transportation Strategy with the following actions.</p>			
2. Transportation & Mobility	<p>Climate Action Coordinator Conduct or support community amenity assessments Active & Low Carbon Transportation strategy development</p> <p>Climate Action Coordinator Integrate local community groups into the development of active transportation networks Active & Low Carbon Transportation strategy development</p> <p>Climate Action Coordinator Support RDCK Board advocacy for electrification of Kootenay Lake ferry</p>		<p>Climate Action Coordinator Develop policies/bylaws to support Active & Low Carbon Transportation strategy development</p>

Table 2 – Transportation & Mobility

	Description	Costs	Funding source
New Project costs	Consultant costs to support training and program developments	\$150,000	BC Active Transportation Infrastructure Grant (BC) Infrastructure Planning Grant Program
	Workshop, materials and travel costs	\$5,000	LGCAP & SPF-UBCM Capacity grant
New Staffing	Climate Action Coordinator	0.5 FTE	LGCAP & SPF-UBCM Capacity grant

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objectives: Align with CleanBC and aim to divert 95% of organic waste (food waste only) from landfills Achieve reductions in disposal rates that exceed alignment with the provincial target of 350 kg per person per year Reduce the greenhouse gas emissions resulting from regional waste streams</p> <p>Strategy: This pathway is largely held by Resource Recovery staff. Community Sustainability staff have been asked to provide research and coordination with regards to mobile chipping and circular economy.</p>			
3. Resource Recovery	<p>Climate Action Coordinator Explore mobile chipping program options (wildfire fuel mitigation, logging, yard waste, landfill wood stream, construction & demolition etc)</p> <p>Climate Action Coordinator Explore circular economy pilot with focus on construction industry</p>		

Table 3 – Resource Recovery

	Description	Costs	Funding source
New Project costs	Programme costs for pilot investigation	\$10,000	REDIP or LGCAP
New Staffing	Climate Action Coordinator	0.1 FTE	LGCAP & SPF-UBCM Capacity grant
	Climate Action Ambassadors	0.1 FTE	LGCAP & SPF-UBCM Capacity grant

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objectives: Align new community and residential buildings with provincial Step Code timeline (Part 3 & Part 9) buildings encouraging community organizations and residents to be net-zero ready for all new builds by 2030 All buildings and infrastructure construction/renovation projects consider embodied carbon and consumption based inventories through a Life Cycle Analysis approach Corporate structures will adhere to the Better Building Policy for RDCK Facilities to ensure that all existing buildings continue to improve its energy efficiency Lower total workplace carbon pollution and energy consumption in both corporate and RDCK-controlled community buildings/facilities</p> <p>Strategy: This pathway is held in the Senior Energy Specialist workplan, the Climate Action Coordinator may be able to provide support in the development, coordination and delivery of the training.</p>			

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
4. Building	<p>Senior Energy Specialist Train staff on application of Better Building Policy and Procedures develop and increase internal expertise and access to resources to assist, and support with low carbon building projects</p>		

Table 4 – Buildings

Description	Costs	Funding source
New Project costs Workshop & material costs	\$5,000	Green Municipal Fund

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objective: Engage in efforts to improve grid resilience and future-proof electrical infrastructure (eg. EV infrastructure, microgrids, smart technologies, panel upgrades in advance, bidirectional flow with EV as battery) for load management of electrical grid, grid-looping, etc. Support a regional transition to 100% renewable energy by 2050</p> <p>Strategy: This pathway is largely held in the Senior Energy Specialist workplan with the following exception of continuing to support emerging research and development in the area of renewable energy.</p>			
5. Energy	<p>Climate Action Coordinator On-going focus and coordination of renewable energy installations</p>		

Table 5 – Energy

Description	Costs	Funding source
New Project costs Programme costs for materials and workshops	\$5,000	LGCAP
New Staffing Climate Action Coordinator - promotions and coordination of pathways	0.1 FTE	LGCAP & SPF-UBCM Capacity grant

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objective: Support efforts to improve the capacity, feasibility, and climate resiliency of local agriculture Ensure that food production and agricultural support efforts/initiatives are provided in a manner that is equitable and accessible to all demographics Establish and nurture partnerships with a wide variety of involved organizations, and actively maintain a high level</p>			

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p><i>of regional collaboration on local agriculture initiatives</i></p> <p>Strategy: This pathway is largely led by RDCK food and agriculture partners – the Central Kootenay Food Policy Council and Kootenay Boundary Farm Advisors. Discussions are on-going with both organizations to determine what actions would could be pursued and how. This actions in this pathway may change with the engagement planned in the next months</p>			
6. Food & Agriculture	<p>Climate Action Coordinator in partnership with Central Kootenay Food Policy Council Explore further partnership opportunities with water stewardship groups in the region to support efficient water use in agriculture and food production Watershed Governance Initiative</p>		<p>Climate Action Coordinator in partnership with Central Kootenay Food Policy Council Support producers, and processors as shifting temperature and precipitation patterns result in food systems variability towards overall resilience</p> <p>Climate Action Coordinator in partnership with Central Kootenay Food Policy Council Collaborate with relevant organizations (emergency food providers, colleges, employment services, etc.) to develop low barrier funds, training and other support programs for Black, Indigenous and People of Colour who wish to farm or develop food businesses.</p>

Table 6 – Food & Agriculture

	Description	Costs	Funding source
New Project costs	Consultant costs to support training and program developments, workshop and material costs	\$10,000	BC Investment Agriculture Foundation (Beneficial Management Practices program through CleanBC)
New Staffing	Climate Action Ambassadors	0.1 FTE	LGCAP & SPF-UBCM Capacity grant

PATHWAY	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objective: Enhance regional water conservation Creating the conditions for regional collaborative decision making to protect watersheds where drinking water sources are at risk Focus on water protection as well as watershed landscape planning Undertake and complete capital infrastructure upgrades to address system leakage, storage capacity, and water quality concerns Improve management of RDCK systems to prepare for the impacts of climate change</p> <p>Strategy: This pathway is largely held in the Water Services department for delivery of water and the Community Sustainability team for the Watershed Governance Initiative. .</p>			
7. Water	Sustainability Planner Re-establish regional surface and ground water monitoring Watershed Governance Initiative	Sustainability Planner Support demand side management Watershed Governance Initiative	

Table 7 – Water

	Description	Costs	Funding source
New Project costs	Relaunch water smart	\$30,000	
	Make annual contribution to ground and surface water monitoring	\$10,000	CSLAC
New Staffing	Climate Action Ambassadors	0.1 FTE	LGCAP & SPF-UBCM Capacity grant

PATHWAYS	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objectives: Increase emergency preparedness and resilience of communities Support communities in developing resilience to flood and geohazard risk Create risk reduction strategies for identified high risk areas Establish acceptable risk tolerance threshold for all areas in the RDCK Consider flood and geohazard risk within the RDCK when making land use decisions Develop the flood risk maps for high risk areas and continue to pursue funding for maps of other high hazard areas</p> <p>Strategy: This pathway is held by Emergency Management and Planning staff. The actions listed below support the larger long terms efforts to create resilient land use planning.</p>			
8. Floods & Geohazards	Emergency Management Develop criteria for qualified professionals to determine what is ‘safe’ when developing hazard areas Resilient Land Use planning	Planning Increase outreach and education focused on riparian management ecosystem and habitat protection Resilient Land Use planning	Planning & Emergency Management Include NDMP Stream 1 findings in publically available web map Resilient Land Use planning Emergency Management Consider mapping more of

PATHWAYS	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
		Planning Increase expertise regarding flood risk Resilient Land Use planning Planning & Emergency Management Develop hazard-specific Development Permit Areas for flood-prone areas Resilient Land Use planning	the identified high risk areas (16 of 29 completed so far) Resilient Land Use planning

Table 8 – Floods & Geohazards

	Description	Costs	Funding source
New Project costs	Consultant costs to support training and program developments	\$250,000	Disaster Mitigation & Adaptation Fund Community Emergency Preparedness Fund Any new funding that focuses on detailed hazard analyses
New Staffing	Climate Action Ambassadors	0.1 FTE	LGCAP & SPF-UBCM Capacity grant

PATHWAYS	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objectives: Increase participation in FireSmart Program (number of neighbourhoods in Neighbourhood Recognition Program and number of Home Partner Program assessments and certifications) Adapt to increasing wildfire risk through emergency preparedness efforts Mitigate and adapt to wildfire risk by creating fuel-breaks around at-risk communities</p> <p>Strategy: This pathway is held by Wildfire Mitigation and Planning staff.</p>			
9. Wildfire		Wildfire & Emergency Management in partnership with Kootenay Boundary Farm Advisors - Help prepare the agricultural industry for wildfire emergency situations Resilient Land Use planning	

Table 9 - Wildfire

	Description	Costs	Funding source
New Staffing	Climate Action Ambassadors	0.1 FTE	LGCAP & SPF-UBCM Capacity grant

PATHWAYS	Phase 1: 2023 - 2024	Phase 2: 2025-2026	On-going & as possible: 2023-2026
<p>Objectives: Develop and maintain robust carbon pollution and energy inventories to accurately inform decision makers and to track direct impacts and progress towards climate action targets Provide leadership and participate in multi-agency initiatives to accelerate climate action & mitigation efforts within the RDCK Update and improve RDCK systems and guiding documents to better support and further climate actions and Initiatives Align decision making with the RDCK’s carbon pollution targets in all areas (land use & planning, building construction, project management) and provide staff with resources to support climate targets and goals</p> <p>Strategy: Community Sustainability will lead the development of corporate and community tools and resources to improve access, understanding and participation in RDCK Climate Action. This pathway intends to increase involvement in all RDCK services.</p>			
10. Leadership & Operations	<p>Sustainability Planner & Climate Action Coordinator In partnership with Wildsight-Youth Climate Corps, hire Climate Action Ambassadors (2 years) Climate Action Culture</p> <p>Climate Action Coordinator Build in-house climate action expertise through Leader Forum, Climate Action Leadership Working Group, staff engagement – newsletter, MyRDCK, MyIdea, workshops, training and consulting. Climate Action Culture</p>		<p>Climate Action Coordinator Develop an internal carbon budgeting tool Climate Action Culture</p> <p>Climate Action Coordinator Develop a Trip Avoidance Policy Climate Action Culture</p> <p>Climate Action Coordinator Review RDCK investment portfolio to be sure investments are divested from fossil fuel creators</p>

Table 10 – Leadership & Operations

	Description	Costs	Funding source
New Staffing	Students to conduct research	\$26,000	LGCAP & SPF-UBCM Capacity grant
	Climate Action Coordinator	\$120,000	LGCAP & SPF-UBCM Capacity grant
		0.3 FTE for 2 years	
	Climate Action Ambassadors - 2 year program 6 CAAs for year 1 10 CAAs for year 2	\$40,000	LGCAP & SPF-UBCM Capacity grant
0.3 year 1 0.75 FTE year 2			

Table 11 - Summary of new project and staffing costs for 2023-2026

	Description	Costs
New Project costs	Workshop costs, materials, consultants etc...	\$750,000
New Staffing	Students	\$26,000
	Climate Action Coordinator	\$120,000
		1.0 FTE for 2 years (2.0 FTE)
	Climate Action Ambassadors - 2 year program	\$40,000
	6 CAAs for year 1 10 CAAs for year 2	0.3 year 1 0.75 FTE year 2
TOTAL new staffing costs		\$186,000
TOTAL (estimated) costs for implementation of new actions		\$936,000

3.2 FOCUS FOR THE COMING YEAR (2023)

RDCK Climate Actions` initial year is one of building foundations and capacity within the organisation. The key actions in year one (2023) are:

1. Climate Action Coordinator
2. Support the development and delivery of the Climate Action Ambassadors
3. Launch community based research to inform the development of the Regional Active and Low Carbon Transportation Strategy
4. Build awareness of RDCK Climate Actions
5. Strengthen momentum for climate action culture: Climate Transitions Cohort, forming a staff Climate Action Leadership group
6. Improve reporting function and alignment between State of Climate Action & RDCK Climate Actions

3.3 LONGER-TERM ACTIONS AND INITIATIVES

- Knowledge gathered on rural solutions through pilots investigations, conversations
- Regional Active & Low Carbon Transportation Strategy
- Regional Growth Strategy
- Resilient Land Use Plan
- Climate Action Culture
- Refinement of RDCK Climate Actions through community familiarization and input



Memorandum

Date: 22 January, 2023

To: RDCK Board of Directors

From: Paris Marshall Smith, Sustainability Planner

Subject: Options for RDCK Board Statement regarding Colonial Impact & Indigenous Leadership

File No.: 5200-20-CSL-Anti-Racism & Reconciliation

Statement of Colonial Impact & Indigenous Leadership

This memorandum provides a revised draft that incorporates the feedback received from the Board through the RDCK Climate Actions workshops. Some of the questions raised during the workshops are also listed with responses.

Lastly, as reference, the statement made by Renée Simard to open the workshop with the Ministry of Indigenous Relationship and Reconciliation (January 24, 2023) is included below.

1. DRAFT - Acknowledgment of Indigenous Leadership and Colonial Impact

The Regional District of Central Kootenay covers an expanse of land where the Ktunaxa, s̓íŕaǵáckstx-Sinixt, Syilx-Okanagan, and Secwépemc have lived since time immemorial. The arrival of settlers disrupted their sovereignty and social systems and compromised the landscape and waterways they have stewarded for so long.

The RDCK acknowledges the deep harm caused by historical and ongoing colonialism in Canada. There is an obligation to learn about Canada's colonial practices and structures and to do our part in addressing them. Concrete actions must be taken to break down the barriers created by government and provide support to Indigenous Peoples to heal and reclaim their power and inherent rights.

The RDCK is committed to addressing systemic racism and would like to build a future based on respect and trust. In the context of climate action and guided by equity and justice for all living beings, the RDCK will learn from and integrate Indigenous knowledge, cultures and people towards a more resilient region.

2. QUESTIONS - In addition to individual comments on language and grammatical corrections, these questions were raised by the Board:

- a. Statements should be prepared in consultation with First Nations in our region:
 - The above statement was prepared in consultation with Yaqan Nukiy and Sinixt – Colville Confederated Tribes

- The next step would be to review with Ktunaxa Nation Council, Syilx-Okanagan Nation Alliance, and Secwépemc
- b. How can we reflect a desire to engage with respect?
The revised version includes language that speaks to respect.
- c. Has the RDCK committed to anti-racism?
In June 2020, the RDCK Board [released](#) this statement - The RDCK believes in an inclusive society where all people feel safe, respected and are treated equitably and with dignity. The RDCK recognizes this is a crucial time to listen and learn about discrimination and racism experienced by members of our community. Fighting racism is difficult work, to be certain, but essential. We stand together and are committed to identify how we can make positive change for people of colour and indigenous people across the RDCK and hereby unanimously support the [#DifferentTogetherPledge](#) initiated by the Lieutenant Governor of British Columbia. Since then, an Anti-Racism Policy has been created.

3. OPENING STATEMENT from January 24 workshop - Renée Simard, Senior Resource Coordination Officer, Negotiations and Regional Operations Division Ministry of Indigenous Relations and Reconciliation

I am a Metis visitor on these Indigenous lands, I am calling in from where I live and work, Kukama?nam also known as Kimberley, in Ktunaxa ?amak?is.

I acknowledge that today we are virtually meeting in Nelson, on the lands of the nsyilxcen and Ktunaxa speaking peoples, who have lived and cared for these lands for time immemorial.

Colonialization inflicted atrocities on the Indigenous peoples of these lands and all over Turtle Island. The stealing of land, children, language, and culture devastated individuals and communities and continues to haunt Indigenous people who experienced it firsthand and others through generational trauma.

Recognition of how our current way of living is built on the pain and suffering of Indigenous people is paramount in our journey towards reconciliation.

Reconciliation is everyone's responsibility. However, as representatives of government it is important to understand and acknowledge the lead role government played in the cultural genocide and marginalization of the Indigenous people who live in what is now known as Canada.

Concrete actions must be taken to break down the barriers created by government and provide support to Indigenous Peoples to heal and reclaim their power and inherit rights.

I would like to challenge those that have not read the book, [21 Things You May Not Know About The Indian Act by Bob Joseph](#), to read it and start your journey towards reconciliation.

There is no reconciliation without truth.



Memorandum

Date: 22 January, 2023
To: RDCK Board of Directors
From: Paris Marshall Smith, Sustainability Planner
Subject: Options for Board Vision Statement
File No.: 5200-20-CAP

RDCK Climate Action Vision Statement

This memorandum provides a revised draft of the RDCK Climate Action Vision. It incorporates the feedback received from the Board through the RDCK Climate Actions workshops. Some of the questions raised during the workshops are also listed with responses.

1. DRAFT - RDCK Climate Action Vision Statement

The Regional District of Central Kootenay recognizes its role as a leader and is committed to supporting a resilient region for all residents. A region with secure access to food, clean water, low carbon energy*, housing, transportation, and sustainable regional growth. A region where human and natural systems are balanced and integrated.

The RDCK recognizes and takes responsibility for decreasing carbon pollution, while actively adapting to a changing climate and minimizing the risks that come with frequent and intense weather events. This leadership role is demonstrated through a foundation of equitable and just policy and regulation grounded in the unique rural reality of this region.

*[Low-carbon energy](#) is produced with substantially lower greenhouse gas emissions than conventional fossil fuel power generation. The energy transition to low-carbon power is one of the most important actions required to limit climate change.

*[Carbon pollution](#) refers to the polluting emissions of greenhouse gases, such as carbon dioxide and methane, which contribute to global warming or climate change.

2. QUESTIONS - In addition to individual comments on language and grammatical corrections, these questions were raised by the Board:

- a. Could we define concepts that may not be familiar to residents such as low carbon energy and carbon pollution?

Yes, definitions for these concepts are now included.

- b. The use of the word `building` for example in building momentum or building resilient region implies that there is nothing there, can we choose language that is more inclusive?

Yes, building has been changed to supporting to reflect that we are working with existing initiatives in collaboration with First Nations, community, residents, and industry.

- c. This vision statement seems be saying that we want it all while working within natural constraints?

Yes, that is the challenge – how do we maintain our high standard of living while decreasing the impact it currently has on natural systems. How do we rebalance our expectations to live within natural constraints? This is what RDCK Climate Actions explores.



RDCK Climate Actions

Supporting Momentum in Rural Communities

We are experiencing increased floods, land-slides, droughts, heat domes, atmospheric rivers, repeated and widespread heat records, food shortages, and catastrophic fires.

The physical and emotional loss and uncertainty experienced by so many residents highlights the importance for us to work together to reduce carbon pollution to mitigate the impacts of the climate crisis.

As your local government, **we are taking action** by:

- amplifying existing services to keep costs low and improve delivery
- funding actions through grants (no significant taxation)
- working with community groups to learn what works and coordinate actions
- investigating rural solutions to ensure actions are equitable and diverse

RDCK Targets

The RDCK set **carbon pollution reduction targets** that cover emissions produced within the RDCK.

2030 ▶ **REDUCE**
emissions by
50%



RDCK 4 Year Plan: 2023 to 2026

The RDCK climate action has over **95 actions** and the following **10 pathways**:



LAND USE & PLANNING



WATER SUPPLY



TRANSPORTATION & MOBILITY



FOOD & AGRICULTURE



ENERGY



FLOODS & GEOHAZARDS



BUILDINGS



WILDFIRE



RESOURCE RECOVERY



LEADERSHIP & OPERATIONS

We All Benefit

Co-benefits like these are created due to these actions.



affordability



air quality



health & well-being



resilience



community & cultural connectedness



good governance



carbon absorption



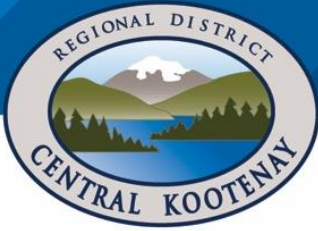
eco-system health



air & water quality



local economy



Board Report

Date of Report: January 30, 2023
Date & Type of Meeting: February 16, 2023, Open Board Meeting
Author: Shari Imada, Senior Energy Specialist
Subject: KOOTENAY CLEAN ENERGY TRANSITION UPDATE
File: 10-5200-20-KCET
Electoral Area/Municipality: All areas

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to update the Board on the Kootenay Clean Energy Transition (KCET) Pilot Project, a program of Community Energy Association (CEA).

SECTION 2: BACKGROUND/ANALYSIS

Introduction to KCET

KCET is a tri-regional program, delivered in the regional districts of Kootenay Boundary, East Kootenay and Central Kootenay. KCET builds on the success of Accelerate Kootenay 1.0, which achieved a FCM sustainability award in 2020, and the Kootenay Energy Diets. The overarching purpose of the KCET Pilot Project is to expedite the adoption of greenhouse gas emission reduction actions by Kootenay residents, organizations, governments and First Nations, while supporting broad market transformation. KCET targets the two highest emitting sectors – the built environment (heating and cooling of buildings) and transportation.

In February 2020 the RDCK board resolved to contribute \$15,000 per year for two years to CEA for the purpose of participating in the KCET pilot project. The 2nd and final installment was paid to CEA in December 2022. CEA has been able to leverage additional funds from other funders to continue to provide services to RDCK residents and organizations through several initiatives.

A summary of KCET current initiatives as pertinent to the RDCK is as follows:

Accelerate Kootenays 2.0 (EV Public Charging Program)

Introduction:

This program is mainly funded by Zero Emission Vehicle Infrastructure Program (ZEVIP), and offers a 50% grant for public EV chargers, which translates to up to \$5,000 per level 2 charger installed. The program has the goal of installing 90 level 2 public chargers across the RDEK, RDCK and RDKB.

Current Status/Issues:

Currently, there are 3 applicants from RDCK for 6 level 2 chargers. Several sectors have been identified as important to pursue for this program, including: airports, centralized and public facilities (e.g. community centres) and recreational facilities (e.g. hospitality and tourism). An analysis study prepared prior to this program identified the East Shore between Crawford Bay and Creston and north of Kaslo as gaps in the RDCK EV charging network.

Applicants may be able to leverage additional funding from PlugInBC's Public Charger Program in future intakes (currently closed), estimated to cover an additional 25% of installation costs. EV charging installations are also eligible for Community Works funding.

Next Steps:

KCET has not realized the expected results in the first marketing efforts for this program despite multiple attempts to engage with 170 potential organizations. There will be another marketing push this spring. Realizing that there is a barrier to managing the application, KCET is now offering extra services to help potential recipients with applications. Note that another barrier that has been identified is that many rural electrical services requires upgrade in order to install an EV charger (each charger requires a 40A / 240V circuit).

The Senior Energy Specialist (Shari Imada, simada@rdck.bc.ca) is available to help Directors, businesses and organizations with the application process in coordination with Accelerate Kootenays and Community Works funding. The Accelerate Kootenay program end date is March 2024. Program details can be viewed on the Accelerate Kootenays website at <https://acceleratekootenays.ca/2-0/>.

Capacity Building – High Performance Buildings

Introduction:

Many of the existing grants meant to incentivize residential energy efficiency upgrades require contractors that have been qualified under certain programs – namely the Home Performance Contractor Network. Currently there is a lack of qualified contractors across the RDCK. This capacity building initiative addresses key barriers to low carbon technology adoption, including: lack of knowledge, increased cost, and local access to equipment and qualified installers.

The goal of this initiative is to:

- facilitate 50+ contractor capacity building sessions,
- increase Home Performance Contractor Network (HPCN) registered contractors by 300% by end of 2023,
- facilitate 18 post-secondary enrichment sessions, and
- host 2 annual community workshop series.

Current Status/Issues

This past year, KCET has completed 7 contractor sessions, one annual community workshop series, and one post-secondary student session (students have also had the opportunity to attend contractor sessions).

It is expected that this program will aid in the uptake of registrations and memberships in the HPCN. A status of registrants and active members as of December 12, 2022 follows:

Sector	HPCN Registrants	HPCN Active members
HVAC	24	12
Insulation	31	1
Windows & Doors	7	0

Residents must work with a contractor with a HPCN membership or who is on the CleanBC Program Registered Contractors list in order to be eligible for CleanBC rebates.

Next Steps:

This program is ongoing. Progress was slowed because of the pandemic and inability to hold workshops. It is expected that this program will support the Regional Energy Efficiency Program (REEP) goals to increase the volume of energy retrofits taking place across the regional district.

Additional HPCN-approved contractor sections are planned for spring 2023, as well as sessions on solar arrays and EV charging infrastructure, and collaboration with Canadian Home Builders Association – South Okanagan Chapter for the May 11-12 builders spring seminars to be held in Nelson.

New Retrofit Experience

Introduction:

The goal of this initiative is to identify house types with high emissions reduction potential. Further, archetypes will be developed to aid in guiding residents’ to identifying suitable energy retrofits. The resulting database would theoretically aid REEP in informing their clients based on property and assessment data. This program is based on CEA’s similar work with Metro Vancouver.

Current Status/Issues

Staff have participated in an online demonstration of the product and some introductory meetings with KCET. At this time, staff has decided not to participate in this initiative for the following reasons:

1. The product would need additional analysis to determine how to use the data and spatial data manipulation which would be the responsibility of the RDCK. At this time, there is no plans or capacity to provide this service.
2. The product would provide a snapshot in time which will not be updated with new data, so has limited value.
3. It is our understanding that BC Hydro is developing a similar product which will possibly be released in the near future.
4. Generally staff has had little interaction / feedback with KCET on this program, which suggests that it may not be a priority.

Next Steps:

None at this time.

An additional current KCET initiative includes the development of a province-wide information ‘Talk to Me Like Lovers Do’ website focusing on energy retrofitting geared towards contractors and realtors. Website materials have been finalized and will be tested in the first quarter of 2023.

In Closing

Overall, staff believe that there has been progress made in the GHG reductions as a result of KCET activities. However, because of the pandemic and lack of uptake in some areas, success has been limited. Staff plan to work with KCET over the next year with the priorities of:

- Increase membership in the HPCN
- Increase the number of public EV chargers installed within the RDCK
- Possibly develop a related pilot project of the RDCK choosing which could be outlaid within the RDCK

Staff will update the Board in early 2024 on the KCET program.

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Financial Plan Amendment:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Debt Bylaw Required:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Public/Gov’t Approvals Required:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

In February 2020 the RDCK board resolved to contribute \$15,000 per year for two years to CEA for the purpose of participating in the KCET pilot project. The 2nd and final installment was paid to CEA in December 2022.

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

N/A

3.3 Environmental Considerations

KCET delivers initiatives that reduce greenhouse gas emissions, and increase energy resilience and affordability across the RDCK.

3.4 Social Considerations:

KCET’s building sector programs supports residents in achieving energy retrofits that will reduce greenhouse gas emissions as well as energy usage. Accelerate Kootenays 2.0 supports additional public EV chargers across the regional district, which strengthens the ability of residents to utilize low carbon transportation alternatives.

3.5 Economic Considerations:

KCET will work with contractors and trades in the building sector through an activation of broad market transformation. This effort will provide jobs and opportunities that support residents, families and communities.

3.6 Communication Considerations:

The RDCK supports KCET in communicating their initiatives to residents and businesses by participating in coordination efforts with RDKB, RDEK, municipalities and programs and through the RDCK website and social media.

3.7 Staffing/Departmental Workplan Considerations:

Supporting KCET on these initiatives is in the Senior Energy Specialist’s workplan.

3.8 Board Strategic Plan/Priorities Considerations:

This initiative aligns with the Board’s commitment to greenhouse gas emissions reduction targets of 50% below 2018 levels by 2030 and 100% by 2050 and the Board’s Declaration of Climate Action Imperative.

SECTION 4: OPTIONS & PROS / CONS

N/A

SECTION 5: RECOMMENDATIONS

None at this time.

Respectfully submitted,
Shari Imada, Senior Energy Specialist

CONCURRENCE

Chris Johnson, Manager of Community Sustainability	Approved
Sangita Sudan, GM Development and Community Sustainability	Approved
Chief Administrative Officer – Stuart Horn	Approved



January 26, 2023

BC Flood Intentions Paper

Attention BC Flood Intentions Team:

RE: Response to the Flood Intentions Paper

Below are responses to the Flood Intentions Paper provided from Emergency Management and Planning staff at the Regional District of Central Kootenay (RDCK). They have been structured in a manner to favour brevity and as such are numbered and lettered under each of the 4 Program Areas.

Program Area 1: Understanding Flood Risks

1. Work with other levels of government to advance flood maps to better inform flood construction levels and development decisions
 - a. Province provides new imagery after each event to prepare new flood mapping
 - b. Province provides maps – allocates funds to LGs to complete detailed hazard analyses
2. Conduct a province-wide flood risk assessment
 - a. Would need:
 - i. Good mapping, so can't do it off 'available' data unless very high-level
 - ii. Would need LGs to support the multi-criteria development
 - iii. Needs to address industrial development as well as future climate conditions
3. Strengthen dike regulatory programs
 - a. Needs to include supporting existing dike authorities that are not LGs.
4. Increase Public and Business Awareness of Flood Risks
 - a. Provide a provincial portal for distribution of flood mapping
 - b. Through legislation compel real estate firms and developers to inform their clients of flood and hazard risk as part of property disclosure pre-purchase checklist.
5. Support Applied Research and Training
 - a. Create a policy department at province focused on developing flood management best management practices based on new research.
 - b. Must include the rural perspective.

Program Area 2: Strengthening Flood Risk Governance

1. Improve FN Involvement in Flood Resilience decision-making
 - a. Convene land use decision making entities at regional district scale with First Nations and LGs, to prioritize flood mitigation works where restoration of fish habitat is incorporated.

2. Review and Modernize Provincial Legislation, Regulations, and Policies to Address Flood Risks
 - a. It must be recognized that while the “responsibility to plan and regulate land uses in flood risk areas remains at a local and regional levels” it is the province that approved the vast majority of the building in hazard areas that the LG now must deal with.
 - b. Similar comment to the previous, but the province built the vast majority of the orphan dikes in our region, and is now looking to create policy to transfer the responsibility for the old dilapidated structures to LGs. If this is to occur it must come with a requirement that the orphan structures are upgraded, replaced, or removed prior to becoming the responsibility of a new owner. Providing grant opportunities is not sufficient for this.
 - c. Strengthen the Dike Maintenance Act to enable existing Diking Authorities (DAs) to maintain ownership of their dikes. In our region we have DAs that are unwilling to ‘surrender’ their dikes to the local government, which leaves the dikes in progressively dilapidated states while the DAs attempt to make it work without any provincial support similar to what they historically received.
 - d. Prioritize those improvement districts that are partnering with local government and First Nations to receive funding for improvements and on-going maintenance without dissolving the autonomy of improvement districts to maintain dikes once repaired.
 - e. Understanding the impact forestry activities have on downstream flows must be prioritized to develop effective flood mitigation strategies. While forestry activity affects small and large systems, smaller steep creek systems are at an added risk because of their smaller catchment being susceptible to more discreet weather events including wildfires that cause near immediate impacts. In short, don’t forget the little ones.
 - f. Consider resource road rehabilitation and replanting post-harvest specifically on temporary roads which are currently left unmanaged and have the potential to increase catchment areas over time for small watersheds.

3. Review and Modernize Provincial Technical Guidance
 - a. One of the greatest concerns our local government has about getting into diking (building new dikes, taking over existing regulated dikes, accepting ownership of orphan structures) is the potential cost for operations & maintenance (O&M), and the likelihood of ongoing costs post-events that fall outside of the O&M cycle and forecasting. In looking at new technical guidance consideration should be given to the process required to maintain works during normal O&M and post-event.

Program Area 3: Enhancing Flood Preparedness, Response, and Recovery

1. We are great fans of the support provided by the River Forecast Centre and our local Water Stewardship staff.
2. Yes agreed but a standard or risk tolerance must be set provincially on what is considered safe for the use intended and local governments based on mapping can be more specific with developing their own risk assessments.
3. No comment.
4. Consideration should be given to how this will fit into local government resourcing and workplans and how that could be supported by the province if it becomes a requirement.

Program Area 4: Investing for Flood Resilience

1. Mandate that all local governments must have floodplain management regulations, zoning and building inspection service.
2. Provide provincial funding to support regional growth strategies legislated under LGA Part 13
3. Strongly encourage the idea of new funding programs for more regular and proactive maintenance of dikes. However, funding methods should be explored that allot certain amounts to each dike rather than providing funding via grants. This would allow LGs to develop longer term plans that will result in cost savings over time.
4. No comment.

If you have any questions or clarification, please don't hesitate to get in touch.

Respectfully,

A handwritten signature in blue ink, appearing to read 'C. Johnson', is positioned above the typed name.

Chris Johnson
Manager of Community Sustainability

CJ/CJ

cc: Sangita Sudan, General Manager of Development Services



REGIONAL DISTRICT OF CENTRAL KOOTENAY

Kootenay Lake Flood Impact Analysis

**FINAL, Rev. 1
November 10, 2022**

Project No.:
0268008

Prepared by BGC Engineering Inc. for:
Regional District of Central Kootenay

November 10, 2022
Project No.: 0268008

Sangita Sudan
General Manager of Development Services
Regional District of Central Kootenay
Box 590, 202 Lakeside Drive
Nelson, BC V1L 5R4

Dear Ms. Sudan,

Re: Kootenay Lake Flood Impact Analysis – FINAL, Rev 1.

Please find attached the above referenced report. The web application accompanying this report can be accessed at www.cambiocommunities.ca.

Should you have any questions, please do not hesitate to contact the undersigned. We appreciate the opportunity to collaborate with you on this challenging and interesting study.

Yours sincerely,

BGC ENGINEERING INC.
per:

Kris Holm, M.Sc., P.Geo.
Principal Geoscientist

TABLE OF REVISIONS

ISSUE	DATE	REV	REMARKS
DRAFT	January 15, 2020	Rev 0	Original issue
FINAL	June 1, 2020	Rev 1	Final issue
FINAL, Rev 1	November 10, 2022	Rev 2	Minor edits, including referencing lake elevations in feet.

LIMITATIONS

BGC Engineering Inc. (BGC) prepared this document for the account of Regional District of Central Kootenay. The material in it reflects the judgment of BGC staff in light of the information available to BGC at the time of document preparation. Any use which a third party makes of this document or any reliance on decisions to be based on it is the responsibility of such third parties. BGC accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this document.

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EXECUTIVE SUMMARY

The Regional District of Central Kootenay (RDCK) retained BGC Engineering Inc. (BGC) to carry out an analysis of economic losses that may result from elevated lake levels in Kootenay Lake. The purpose of the work is to broaden the understanding of potential Kootenay Lake geohazard impacts to support decisions that prevent or reduce economic loss from elevated lake levels.

The analysis estimates flood-related economic losses to property development fringing Kootenay Lake, at a range of potential lake elevations. The study also summarizes approaches to manage reservoir geohazard risk as part of future work. Economic losses resulting from flooding of transport and utility infrastructure was not considered. Damages from other reservoir flood geohazards such as storm surge, wind- and boat-generated waves, and landslide-generated waves are also not considered.

Economic losses were estimated using a three-part procedure composed of hazard analysis, exposure analysis, and loss analysis. The hazard analysis included mapping the impact extents of four Kootenay Lake flooding scenarios previously modelled by BC Hydro, which range from flood stages 534.0 m (1752 ft) to 536.5 m (1760 ft). The exposure analysis included mapping and characterizing elements at risk surrounding Kootenay Lake. The loss analysis included estimating the potential direct and indirect economic losses at each exposed property based on its vulnerability characteristics and flood depth.

Figure E-1 shows stage-damage relationships for Kootenay Lake. These relationships show that potential economic losses per vertical-meter of lake rise increase markedly above the 534.9 m (1755 ft) lake elevation scenario, which is 0.4 m above the maximum lake elevation recorded in the past decade (2012).

When considering damage to individual properties, residential properties are expected to suffer the highest proportion of economic losses in Kootenay Lake flooding, and a disproportionate amount of the losses are concentrated in a small number of properties distributed around the lake. Developments along alluvial fans that encroach the lake are expected to experience the highest concentration of losses, including areas such as Balfour, Proctor, Long Beach, and Harrop.

Flood loss estimation is subject to uncertainty due to factors that cannot be captured in this analysis. Any decisions made based on the analysis results should consider that: (1) loss estimates for individual buildings can be inaccurate without site-specific assessment; (2) loss estimates are more accurate at higher levels of aggregation; and (3) loss estimates should be considered along-side qualitative impacts that cannot be accounted for in this analysis such as long-term effects, and intangible damages.

This study provides recommendations for consideration by RDCK in the following areas:

- *Additional Economic Loss Analysis*: approaches to improve understanding of economic losses from Kootenay Lake flooding and address limitations and uncertainties of the current study.
- *Reservoir Hazard Identification (Impact Lines)*: approaches to characterize a broader range of reservoir geohazards than the elevated lake levels considered in this study.

- *Kootenay Lake Flood Risk Management:* approaches to evaluate actions for reservoir flood risk management in terms of the level of risk reduction gained in relation to effort.
- *Additional Application of Deliverables:* summary of deliverables that have applications beyond the current scope of work.

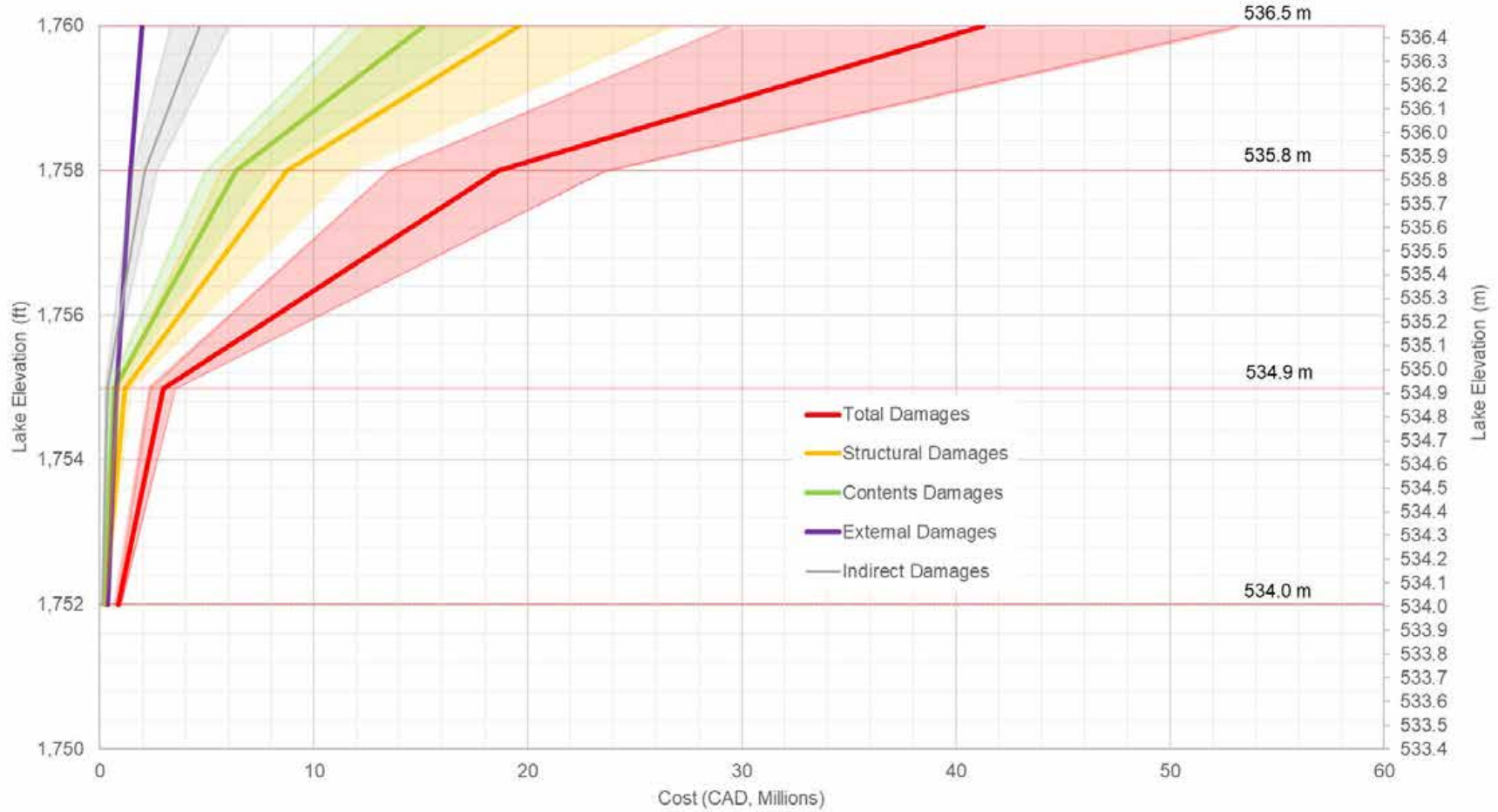


Figure E-1. Stage-damage relationships for economic losses to properties around Kootenay Lake.

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1. INTRODUCTION

1.1. General

The Regional District of Central Kootenay (RDCK) retained BGC Engineering Inc. (BGC) to carry out an analysis of economic losses that may result from elevated lake levels in Kootenay Lake. This work is being carried out under the terms of a contract between RDCK and BGC dated June 1, 2019 (Consulting Services Agreement, File No. 04-1365-20-NDMP, June 1, 2019).

The main objectives of the study are to estimate potential economic losses to development from a spectrum of Kootenay Lake flood elevations and develop associated stage-damage relationships. The purpose of the work is to broaden the understanding of potential Kootenay Lake geohazard impacts to support decisions that prevent or reduce economic loss from elevated lake levels.

BGC previously completed a flood and steep creek prioritization project for the RDCK (BGC, March 31, 2019), and the current scope of work was completed using data organization consistent with this work. This allows the results of this analysis to be integrated into a growing body of knowledge about geohazards and associated impacts within RDCK.

1.2. Scope of Work

The scope of work includes:

1. A *hazard analysis*, to select Kootenay Lake flood scenarios and map their potential impact extents¹.
2. An *exposure analysis*, to develop a spatial inventory of elements at risk around Kootenay Lake, and determine which would be inundated in each flood scenario.
3. A *loss analysis*, to estimate economic damage associated with each flooding scenario.

The analysis results are then used to develop stage-damage relationships for Kootenay Lake, including the West Arm and the remainder of the lake (referred to as the Main Lake, Figure 1-1).

The study is limited to estimating economic damage to properties around Kootenay Lake from static elevated lake levels. Economic damages to transport and utility infrastructure are not considered. Damages from other reservoir flood geohazards such as storm surge, wind- and boat-generated waves, and landslide-generated waves are also not considered. Section 7 describes a framework to assess such hazards if desired under a future scope of work.

¹ The hazard analysis relies on lake elevations determined by BC Hydro and provided by RDCK on June 4, 2018 (pers. comm., Tom Dool). No lake elevation modelling was completed as part of this work.

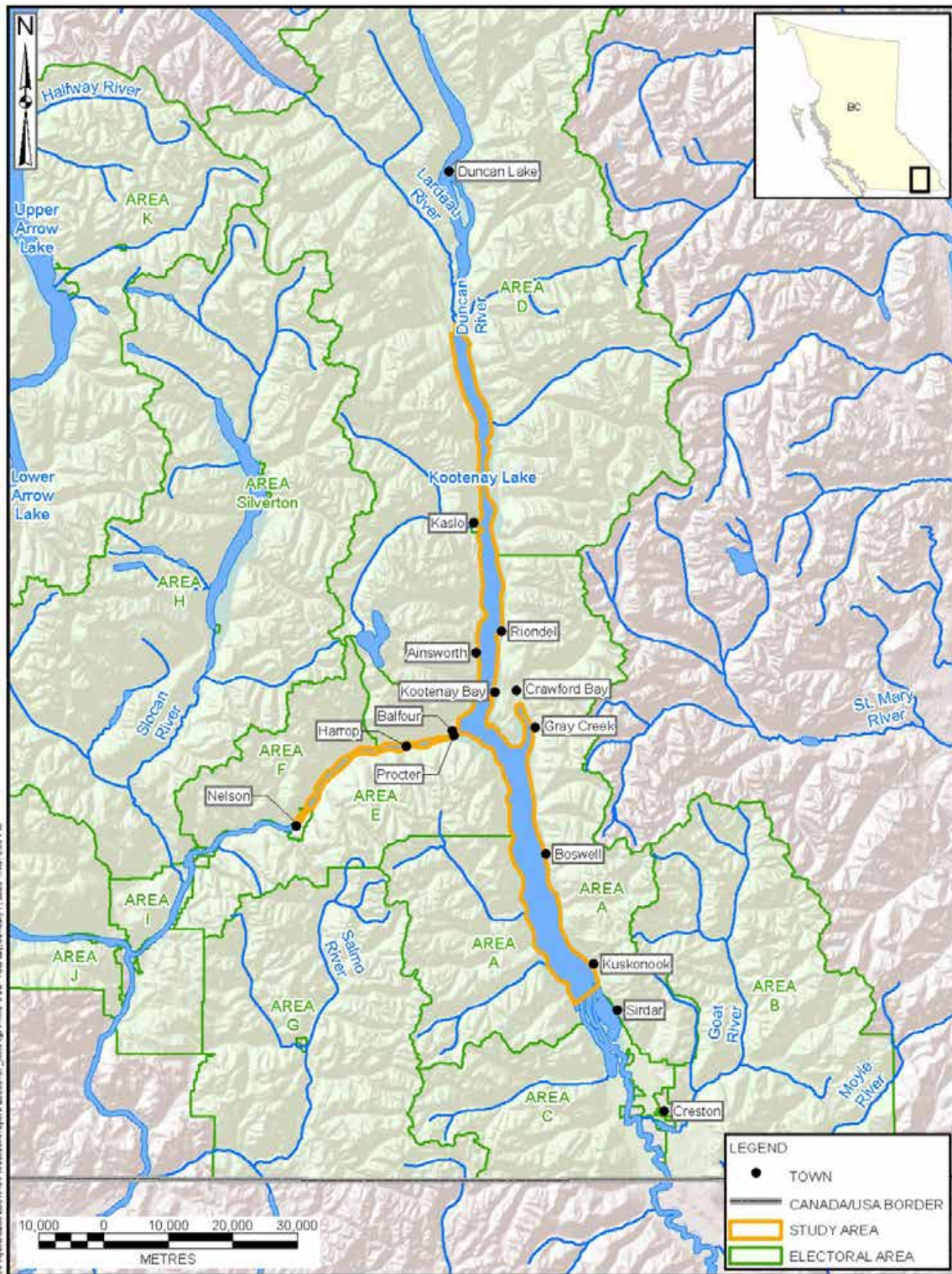


Figure 1-1. Flood economic loss analysis study area.

1.3. Geohazard Risk Management Framework

The following analysis fits within a larger framework of risk management (Figure 1-2), which defines a systematic, transparent approach to understand and manage risk at a geohazard site or area.

The Kootenay Lake economic loss analysis includes the first four steps of the risk management framework (i.e., Scope Definition, Hazard Analysis, Exposure Analysis, and Risk Estimation), which represent a chain of events where Kootenay Lake flooding occurs, reaches an element at risk, and is intense (destructive) enough to cause economic losses.

The objective of this analysis is to estimate the economic loss occurring for a given flood scenario. Section 3.3 defines the types of losses considered. The results support RDCK to proceed with subsequent steps of risk management decision making, including risk evaluation, options analysis, and risk reduction implementation.

Because Kootenay Lake is partially regulated (see Section 2.3), this analysis does not consider the probability of a certain lake level. As such, the work encompasses steps of risk management but should be considered a loss analysis, not a formal quantification of risk (i.e., it does not estimate the probability of loss).

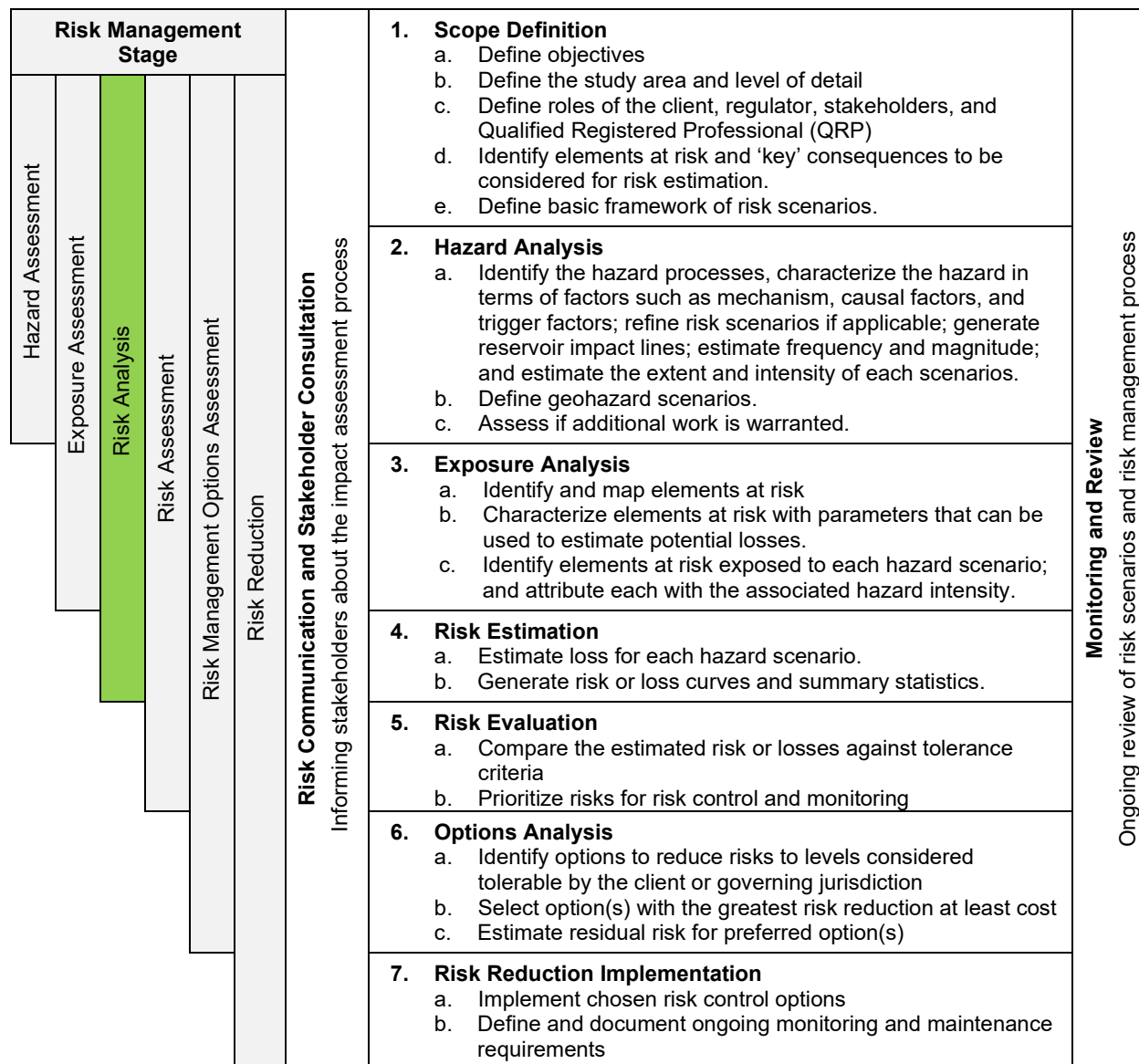


Figure 1-2. Risk management framework (adapted from Fell et al., 2005; CSA, 1997; AGS, 2007; ISO 31000:2009; and VanDine, 2012).

2. STUDY AREA BACKGROUND

2.1. Physiography

Kootenay Lake reservoir, one of British Columbia's largest lakes, is in eastern RDCK and consists of a long and narrow lake (i.e., 3 to 5 km in width) that fills a glacial valley in the Columbia Mountain Range. The lake is in part, a widening of the Kootenay River within the Columbia River Basin and is fed by Kootenay River to the south and Duncan River to the North.

The lake consists of three arms: the south, north, and west. The south and north arms make up the Main Lake, which has a length of about 107 km and mean depth of 100 m (AMEC Earth and Environmental, 2009). The West Arm is a narrow branch of the lake that extends from Queens Bay to Nelson for about 30 km (Figure 1-1), then enters Grohman Narrows and drains into Kootenay River via a series of dams at Bonnington Falls. In total, Kootenay Lake reservoir covers an area of about 414 km², has a perimeter of 410 km, and reaches a maximum depth of 150 m (Batycki, 2014).

Slopes along Kootenay Lake reservoir are tall and steep, with a relief of up to 2200 m (Fraser, 2019). Drainage from these slopes follows a dendritic network of creeks that have eroded into the mountain slopes and eventually connect with Kootenay Lake. In some cases, alluvial fans form at the outlet of these mountain creeks where they meet the lake surface. Although fans are typically subject to steep creek geohazards (floods, debris floods and debris flows), their low gradient favors development and multiple communities fringing Kootenay Lake are located on these landforms.

2.2. Settlement and Land Use

The perimeter of Kootenay Lake spans five electoral districts (i.e., Electoral Area A, C, D, E, F), and two municipalities (Nelson and Kaslo). As of the 2016 census (Statistics Canada, 2016) approximately 20,000 people live within 2.5 km of the lake shore between 13 communities (Figure 1-1). Most reside within Nelson (about 9,000 people), in small communities along the West Arm (about 5,000 people), or in Kaslo (about 1,000 people) (Fraser, 2019).

Most of the land adjacent to the Kootenay Lake shoreline is natural land or designated for residential use (AMEC Earth and Environmental, 2009; BC Assessment, 2018). Major commercial developments along the lake shore include Ainsworth Hot Springs and marinas at Balfour, Kaslo, Nelson, Schroeder Creek, Twins Bays, and Woodbury (Batycki, 2014).

2.3. Lake Elevation Control

Kootenay Lake reservoir is operated under an International Joint Commission (IJC) order that is held by FortisBC and specifies maximum reservoir levels throughout the year (BC Hydro, November 29, 2013, Figure 2-1).

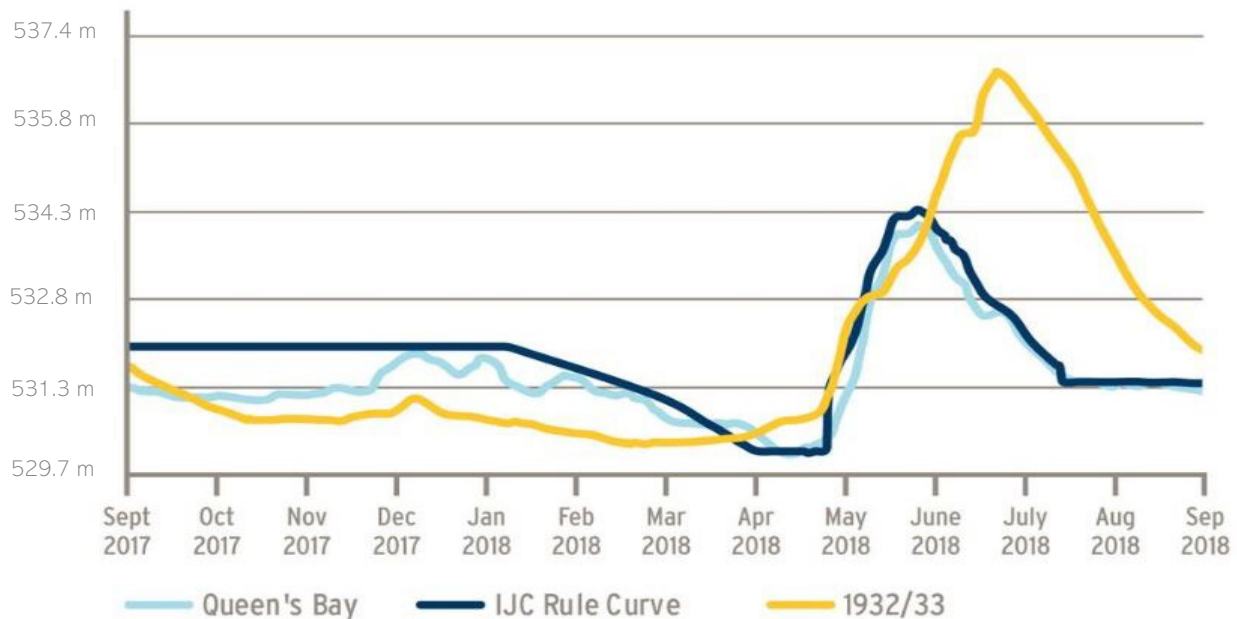


Figure 2-1. Kootenay Lake elevations in a typical year (FortisBC, 2019). The IJC Rule Curve specifies the maximum reservoir levels through-out the year. The light blue line shows recorded lake elevations at Queens Bay in a typical year. The yellow line shows lake elevations prior to construction of Corra Linn Dam in 1932/1933. Note that during the spring freshet, peak flooding may force the reservoir levels above the IJC Rule Curve.

The Kootenay Lake reservoir elevation depends on the interaction of:

1. The Corra Linn Dam and Grohman Narrows, which together influence the lake outflow.
2. The Duncan Dam, the Libby Dam and unregulated inflow from local watercourses, which together influence the lake inflow.

The Corra Linn Dam was constructed in 1932 at the historic outflow from Kootenay Lake located about 14 km downstream from Nelson. This concrete hydroelectric dam impounds Kootenay Lake, raises the reservoir level by approximately 2.4 m from its pre-construction condition (BPA, 1995), and partly regulates the lake outflow. The Corra Linn Dam is owned and operated by FortisBC.

The Grohman Narrows is located about 3 km downstream from Nelson and forms a hydraulic constriction that limits the lakes outflow. When the lake inflow exceeds the ability for water to pass Grohman Narrows, regardless of whether the Corra Linn Dam discharge is maximized, Kootenay Lake levels rise (BC Hydro, November 29, 2013). Effects on the lake include higher peak floods and reduced operating flexibility between the IJC dam facilities along the Columbia River system (Figure 2-2). The benefits of widening and deepening this channel have been recognized since the 1890s, leading to excavation and dredging channel improvements being carried out in 1890, 1931, and 1939 (BC Hydro, September 12, 2013; Consolidated Mining and Smelting Company of Canada Ltd., 1939). Recently, BC Hydro investigated further dredging at Grohman Narrows, and announced the project costs could exceed \$21 million (Advisian, 2017).

The Duncan Dam is located north (upstream) of Kootenay Lake and began operating in 1967. This dam impounds Duncan Lake, which feeds the Duncan River and subsequently Kootenay Lake. The Duncan dam is an earth fill structure and was built as a storage facility intended to control the flow of water from Duncan River into the Kootenay Lake reservoir. It has no power generation facilities. On an annual basis, 16% of regulated inflows into Kootenay Lake come from Duncan Dam (BC Hydro, November 29, 2013). Duncan Dam is owned and operated by BC Hydro.

The Libby Dam is located south (upstream) of Kootenay Lake and began operating in 1975. This hydroelectric dam impounds Lake Koocanusa and controls its outflow into Kootenay River. On an annual basis, 44% of regulated inflows to Kootenay Lake come from Libby Dam (BC Hydro, November 29, 2013). The Libby Dam is operated by the U.S. Army Corps. of Engineers.

Unregulated flows from watercourses feed Kootenay Lake, including inflow from the Lardeau River just north of Kootenay Lake, and from local creeks along the lake perimeter and between Kootenay Lake and Libby Dam. These flows encompass approximately 40% of the annual lake inflow (BC Hydro, November 29, 2013).

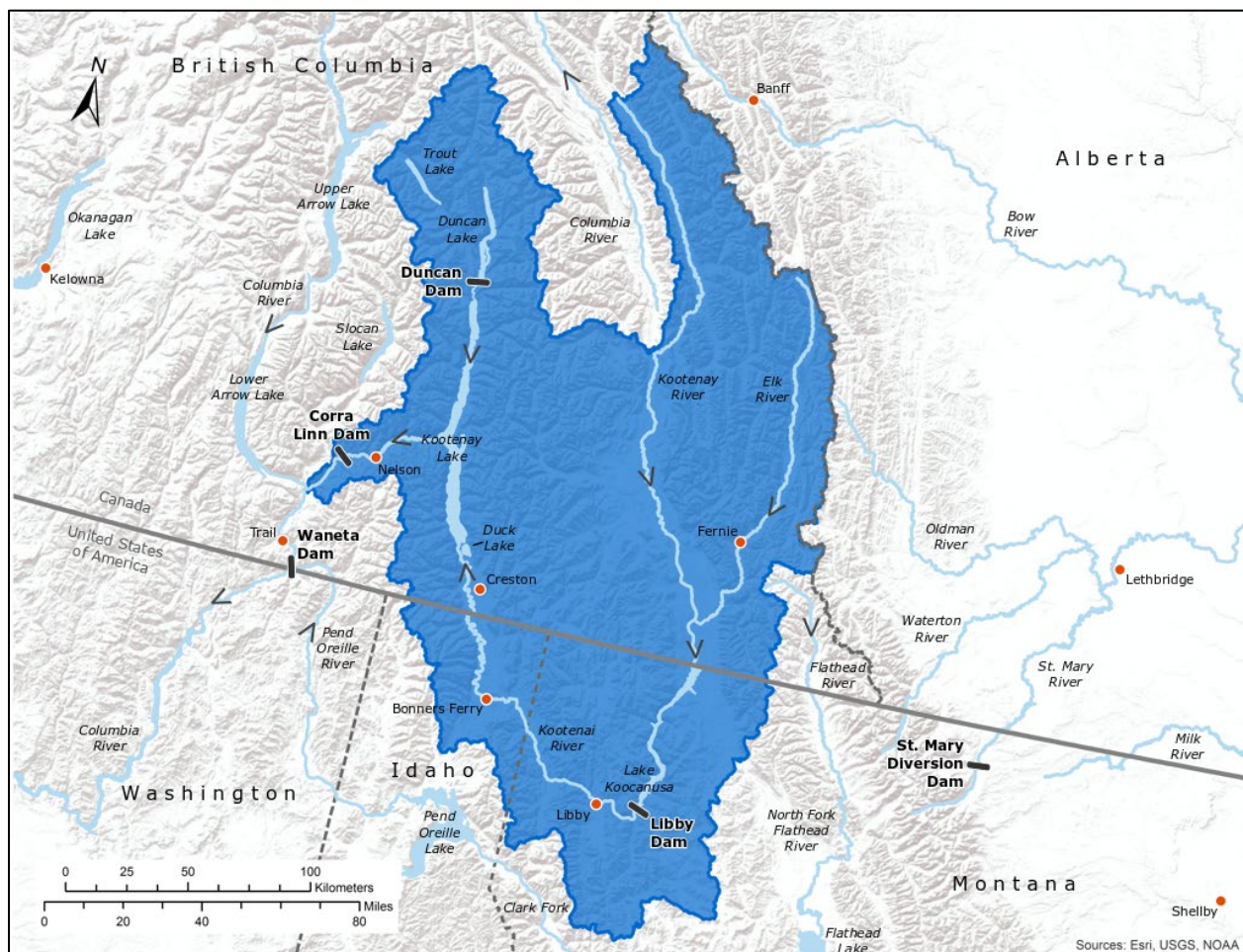


Figure 2-2. Kootenay Lake reservoir watershed including key impoundments (IJC, 2019).

2.4. Lake Elevation History

Gauges located at Kuskonook, Queens Bay, and Nelson (Figure 1-1) monitor the Kootenay reservoir elevation. Since the Libby Dam started operations in 1975, the reservoir elevation has annually fluctuated between 530.0 m and 532.8 m on average (Figure 2-3). The highest lake elevations typically occur during the spring freshet between May and September².

The maximum reservoir elevation recorded since 1975 was 534.5 m, occurring on July 4, 2012 (Figure 2-3). This event coincided with record rain falls within the region (i.e., 2 to 5 times the normal amount across the upper Columbia and Kootenay Basin for the month of June [BC Hydro, March 22, 2013]) and late-snow pack melting. During this event, the Duncan and Libby reservoirs were filled above their normal operating levels (up to 0.4 m) to help manage downstream flood impacts. BC Hydro (March 22, 2013) estimated that Kootenay Lake levels could have been up to 2 m higher without coordinated flood management control by water storage facilities along the Columbia basin.

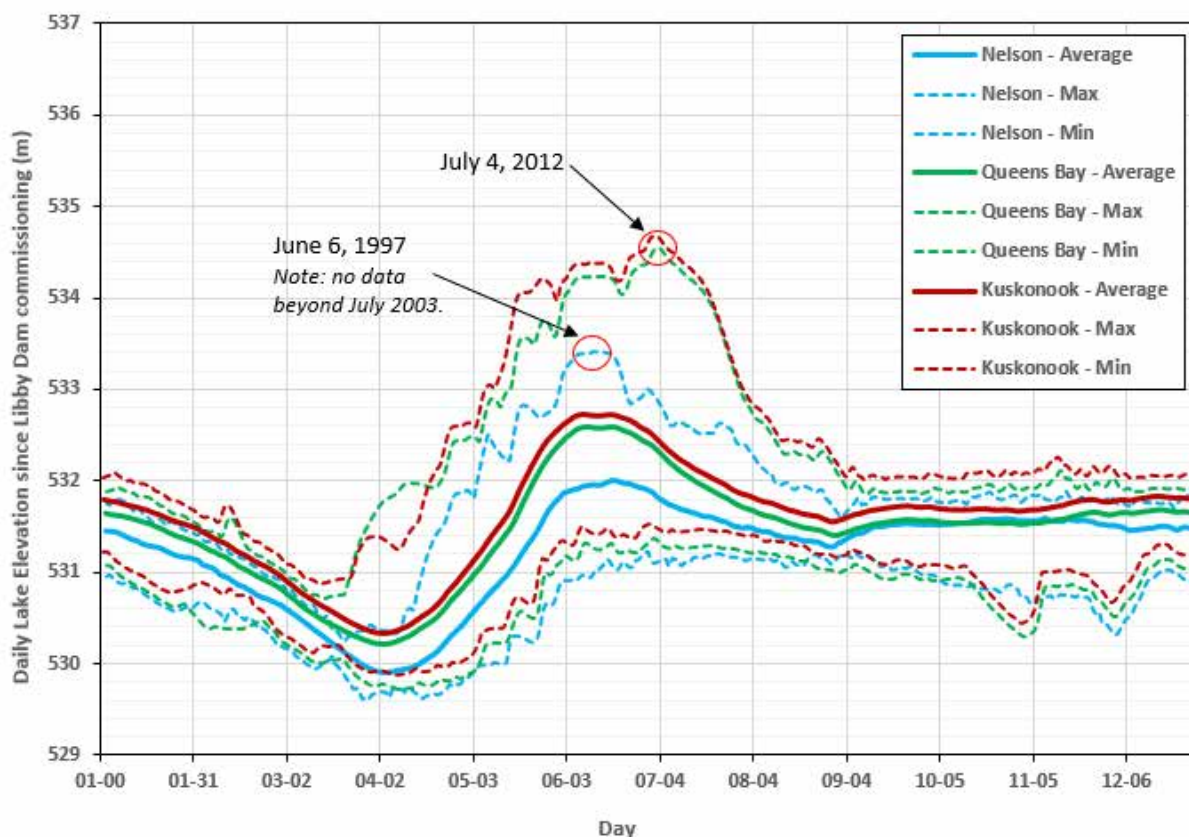


Figure 2-3. Daily Kootenay Lake reservoir elevations at Nelson, Queens Bay, and Kuskonook.

² Lake elevations prior to construction of the Libby Dam in 1975 may not be representative of future conditions and are therefore not reported here, or considered in the max, min and average daily lake elevations in Figure 2-3.

2.5. Previous Work

RDCK has previously completed identification and risk-based prioritization of flood and steep creek hazards within their district (BGC Engineering, March 31, 2019). As part of this study, Kootenay Lake flood hazard was determined to pose a relatively 'High' level of risk in relation to other flood hazards in the district. The basis for this classification included:

1. Consideration of the 535.2 m flood boundary surrounding Kootenay Lake, which was assumed to be a 1:200-year lake level for comparison purposes to other sites.
2. A relatively 'Very High' level of elements at risk within the mapped hazard boundary. This includes over 2000 residents; over \$400 million dollars of land improvements; over 60 businesses; and several lifelines, critical facilities and environmentally sensitive habitats.
3. A relatively 'High' flood depth in relation to other hazard areas subjected to the 1:200-year event, which would influence the relative potential for flood damages.

The assessment by BGC (March 31, 2019) compared relative risk across multiple areas. It did not assess specific flood scenarios or provide estimates of flood consequences. This analysis builds on the work completed by BGC (March 31, 2019) with estimates of economic loss for specific flood scenarios.

3. METHODS

This section summarizes the methods and assumptions used to estimate potential economic losses from Kootenay Lake flood scenarios and generate associated stage-damage curves.

3.1. Hazard Analysis

The objective of the hazard analysis was to select representative Kootenay reservoir flooding scenarios and map their potential impact extents, which form the basis for flood loss estimation.

Table 3-1 lists the lake flooding scenarios considered in this analysis, which are based on prior work carried out by BC Hydro and provided to BGC by RDCK on June 4, 2018 (pers. comm., Tom Dool). BC Hydro modelled ten flood elevations, of which four were selected as representative scenarios for flood loss estimation.

Table 3-1. Lake flooding scenarios considered in this analysis.

Scenario No.	Flood Stage	Justification
1	534.0 m (1752 ft)	Minimum flood scenario considered by BC Hydro. Corresponds with peak reservoir levels during 2018.
2	534.9 m (1755 ft)	Intermediate scenario between minimum and maximum flood scenarios; and 0.4 m above the approximate peak recorded reservoir level (July 4, 2012) since commissioning of the Libby Dam.
3	535.8 m (1758 ft)	Intermediate scenario between minimum and maximum flood scenarios.
4	536.5 m (1760 ft)	Maximum flood scenario considered by BC Hydro and the RDCK Kootenay Lake reservoir Flood Construction Level, below which basements are prohibited (RDCK, 2009).

BGC used an ‘impact line’ approach to define flood extents for each scenario in Table 3-1. Flood Impact Lines are defined as the boundary beyond which land would not be expected to be affected by floods (McDougall, Porter, and Watson, 2015; International Commission on Large Dams (ICOLD), 2002).

Around the Main Lake, BGC assumed the lake fills evenly, so the Flood Impact Line is the contour line generated from LiDAR for a given flood stage (Province of BC, 2017). For the purposes of this analysis, the Flood Impact Line does not take into consideration the potential effects of storm surge or wind or boat-generated waves, and therefore represents a minimum estimate of the lands affected by floods for the flood stages that have been analyzed.

In the West Arm, the lake surface slopes towards Grohman Narrows and cannot be defined by a simple topographic contour line. For this area, BGC interpolated impact lines from a 1-dimensional hydraulic numerical model developed by BC Hydro to investigate effects on Kootenay reservoir levels from potential excavation improvements at Grohman Narrows. BC Hydro’s analysis assumed that Corra Linn Dam is operating at maximum discharge, where the Kootenay reservoir elevation is controlled by flow through Grohman Narrows.

Figure 3-1 shows the location of cross sections developed from the model. BGC notes that BC Hydro’s model calibration focused on the reach at Grohman Narrows but considered observed water levels at Nelson and Queen’s Bay. There are no gauges between Nelson and Queen’s Bay, so the modelled water levels at intermediate locations could not be verified by BC Hydro.



Figure 3-1. Cross sections (green) used for 1-dimensional hydraulic modelling along the West Arm.

Buildings with basements below the floodwater elevation have the potential to suffer damages from groundwater seepage in addition to overland inundation (Natural Resources Canada and Public Safety Canada, 2020). While the scale of study precludes detailed assessment of groundwater seepage as a flood hazard source, sections along the lake perimeter underlain by alluvium (fans) or floodplains were considered relatively more susceptible to groundwater flooding during periods of elevated lake levels. BGC used areas mapped as containing alluvial or fluvial deposits (Ministry of Environment and Climate Change Strategy, 2019; BGC Engineering, March 31, 2019) to identify areas prone to potential groundwater flooding.

Figure 3-2 shows an example of the mapped Flood Impact Lines and building footprints (Section 3.2).

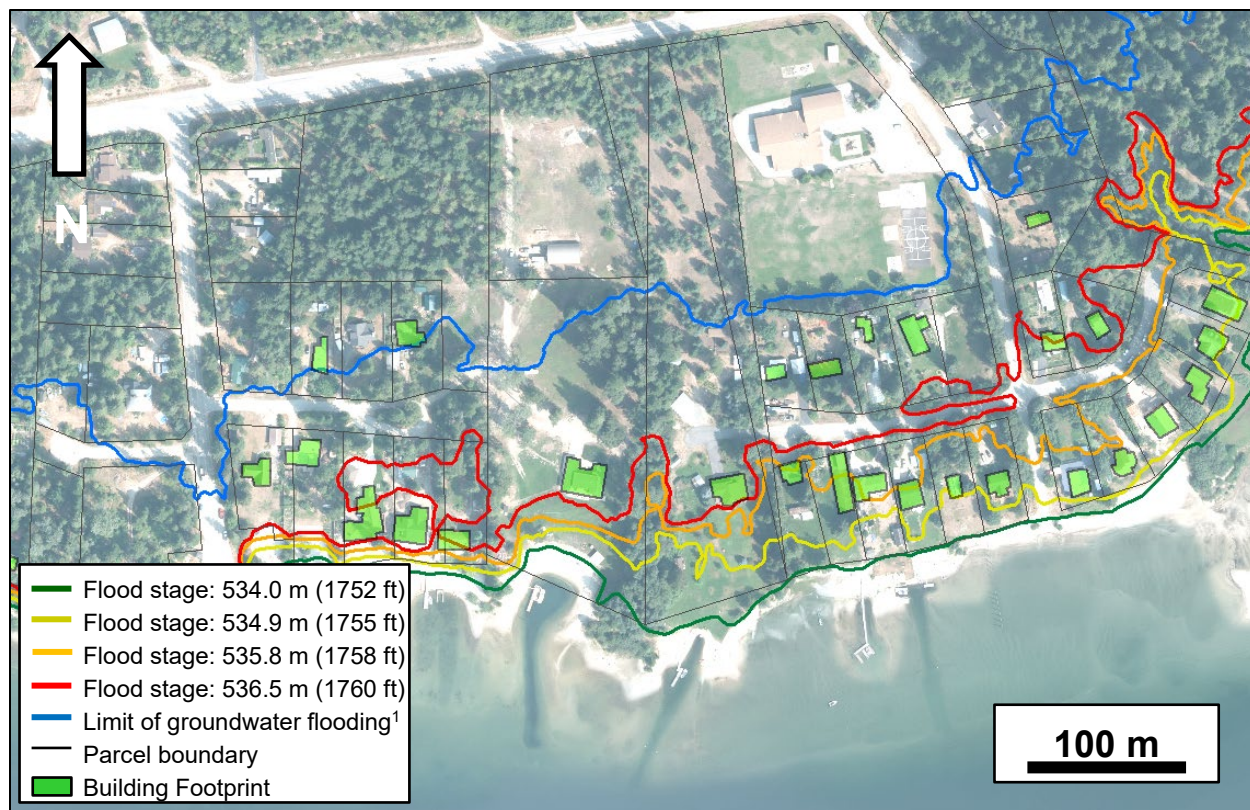


Figure 3-2. Example mapped Flood Impact Lines at Harrop Point and Redfish Rd. Note (1): The blue line delineates the limit of groundwater flooding for the 536.5 m (1760 ft) flood scenario assuming a horizontal water table at the elevation of the lake flood stage and the floor of basements extends at most 2.5 m below ground surface.

3.2. Exposure Analysis

Elements at risk are assets that could be potentially exposed to consequences of geohazard events. This often includes any feature in the built-environment (e.g., buildings, transport infrastructure, utilities), and/or people and vehicles.

The objectives of the exposure analysis are to:

1. Identify elements at risk around the perimeter of Kootenay Lake.
2. Characterize elements in order to estimate their vulnerability to loss.
3. Determine the depth of flooding for each element at risk, for each flood scenario, and including consideration of potential groundwater flooding.

3.2.1. Elements at Risk Identification and Characterization

Table 3-2 summarizes the elements at risk identified and characterized for this study. A geodatabase of elements at risk in RDCK – defined as an ‘exposure model’ – was compiled as part of RDCK’s regional risk prioritization study (BGC, March 31, 2019). BGC used this model to define building improvements and land-use information for economic loss analysis, as well as spatial inventories of lifelines and critical facilities for exposure identification.

BGC mapped and characterized building footprints around the perimeter of Kootenay Lake reservoir as this data was not complete in the regional risk prioritization exposure model. This included the following steps:

1. Review of existing building footprint data, which included footprints received from RDCK (BGC, March 31, 2019) for data gaps.
2. Mapping building footprints using recently acquired LiDAR and orthophotographs (Province of BC, 2017). Building footprint boundaries were delineated using an automated process that extracted rooftops from classified LiDAR point data, then subsequently delineated the rooftop extents as polygons.
3. Quality checking and manual adjustment of the resultant building footprints against orthophotographs. There are uncertainties regarding the building footprint shapes, however BGC considers these as reasonable given the scale of study.
4. Attributing building footprints with information about land-use and building improvements from their accompanying parcels, based on spatial analysis and manual attribution where footprints overlapped parcel boundaries.
5. Attributing the presence of basements and assumed first floor elevation as required to apply flood loss vulnerability functions³. No data about basement or first-floor elevations were available. BGC assumed that buildings below the Kootenay Lake reservoir Flood Construction Level (FCL) of 536.5 m (1760 ft) contained no basements, per RDCK's floodplain management bylaw, with the first floor elevated 0.3 m above the ground surface. All buildings above the FCL were assumed to contain a 2.5 m high basement, with the first floor elevated 1.2 m above ground surface⁴.

³ Flood loss vulnerability functions compare flood depth and potential damage, where the flood depth references the top of the first-floor slab as the baseline elevation (i.e., 0 m).

⁴ Assumed first floor heights are similar to values used in HAZards U.S. (Hazardus), a software program and methodology developed by the U.S. Federal Emergency Management Agency (FEMA) for loss estimation due to several hazards including floods (FEMA, 2009).

Table 3-2. Elements at risk mapped and characterized for economic loss analysis.

Type	Description	Data Source
Building Improvements	Titled and Crown land parcels	ICI Society, 2019 ¹
	Land-use and building improvements information	BC Assessment, 2018
	Building footprints	Derived for this study
Critical Facilities	Emergency Response Services	BGC, March 31, 2019
	Emergency Response Services	BGC, March 31, 2019
	Emergency Response Resources	BGC, March 31, 2019
	Utilities	BGC, March 31, 2019
	Communication	BGC, March 31, 2019
	Medical Facilities	BGC, March 31, 2019
	Transportation (excluding roads)	BGC, March 31, 2019
	Environmental	BGC, March 31, 2019
	Community	BGC, March 31, 2019
Life Lines	Road	ICI Society, 2019
	Highway	ICI Society, 2019
	Railway	ICI Society, 2019
	Petroleum Infrastructure	ICI Society, 2019
	Electrical Infrastructure	ICI Society, 2019
	Communication Infrastructure	ICI Society, 2019
	Water Infrastructure	ICI Society, 2019
	Sanitary Infrastructure	ICI Society, 2019
	Drainage Infrastructure	ICI Society, 2019

Note:

1. ICI Society refers to the Integrated Cadastral Information Society.

3.2.2. Exposure Identification

Exposure identification was carried out to determine which elements at risk would be inundated in each flood scenario.

Elements at risk were considered as inundated if their boundary was at least partially within the respective Flood Impact Line. Buildings that intersected a Flood Impact Line were conservatively assigned the higher flood depth, and the footprint is considered flooded only if the flood depth in that area exceeds 0.3 m to account for the concrete slab foundation.

For buildings assumed to have basements (i.e., above the 536.5 m (1760 ft) FCL) BGC assumed basement flooding due to groundwater infiltration under the following conditions:

1. Buildings are founded on soils identified as alluvial or fluvial deposits (Section 3.1).

2. The floor of the basement extends below the respective flood elevation for each scenario, assuming a basement depth of 1.5 m below ground surface.

Because 536.6 m is the highest flood scenario considered in this study, buildings assumed to have basement flooding are located outside (uphill) of the highest impact line for surface flood inundation.

3.3. Economic Loss Analysis

Economic losses from the flood scenarios were estimated following the Federal Floodplain Mapping Guidelines Series, Draft Federal Guidelines and Database of Flood Vulnerability Functions (Natural Resources Canada and Public Safety Canada, 2020). This included calculating economic losses resulting from direct and indirect damages to inundated properties (Figure 3-3). Damages to utilities and transport infrastructure is not considered in this analysis.

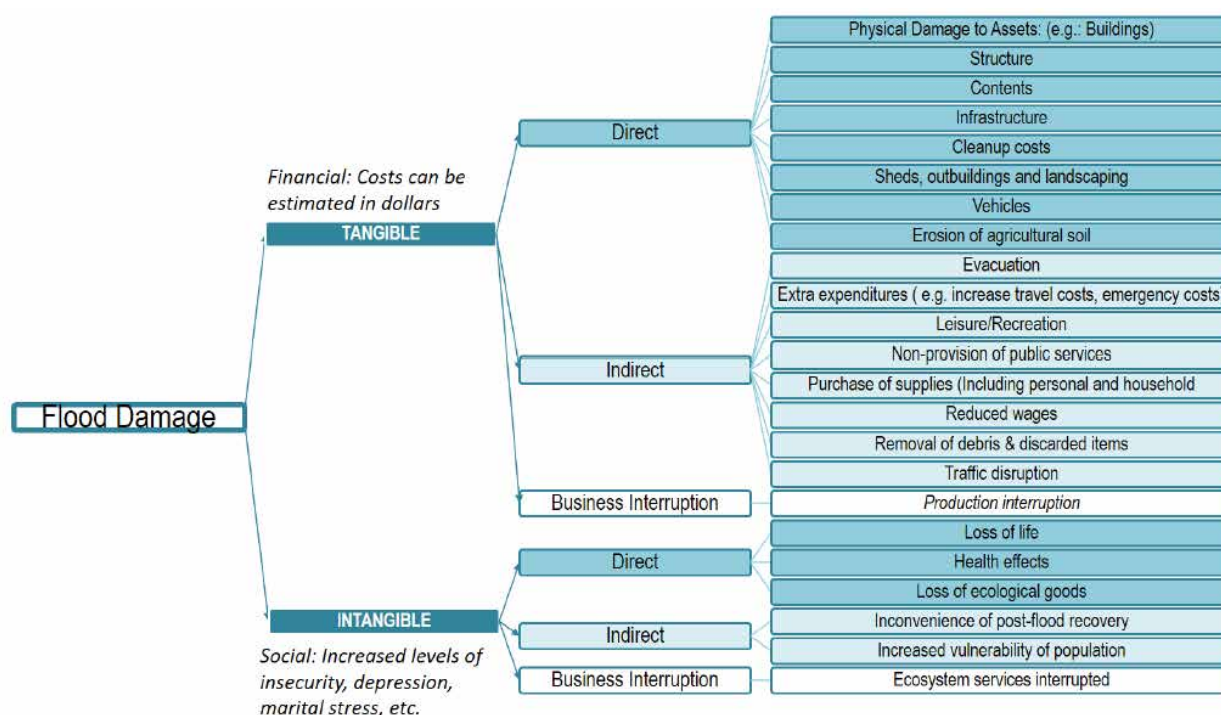


Figure 3-3. Types of flood damages (Natural Resources Canada and Public Safety Canada, 2020).

3.3.1. Direct Building Losses

Direct building losses account for damages to building structures (e.g., floor areas, exterior finishes, types of interior finishes etc.) and internal contents (e.g., furniture, household items).

Direct building damages were only estimated for primary buildings; damages to outbuildings were considered as part of external damages (Section 3.3.2). Buildings with pitched rooves, external patios, back yards, or outdoor parking lots visible in orthophotographs in were considered as primary buildings. If a primary building could not be distinguished, the building nearest the reservoir was conservatively selected. If multiple primary buildings were present (e.g., on a manufactured home park) all buildings were considered.

The following was assumed when estimating direct damages to primary buildings:

1. BGC assumed the interior area of each floor as encompassing about 85% of the total building footprint. This estimate accounts for the proportion of the footprint covered by a typical roof overhang and interior walls.
2. The flood depth is estimated relative to the top of the first-floor slab.
3. If any portion of a building footprint was located within the Flood Impact Line, it was assumed that the entire footprint was flooded.
4. Maximum total economic losses to the building structure were capped at the total improvement value as defined by BC Assessment (2018), and the maximum total economic losses to the building contents were capped at 50% of the improvement value (FEMA, 2009).

Economic losses from direct building damage were estimated using two different sets of vulnerability functions: stage-damage curves recommended by Natural Resources Canada (2020), and The United States Department of Homeland Security, Federal Emergency Management Agency (FEMA, 2009). BGC provides results based on each set of functions, as well as the average, but the range should not be interpreted as formal confidence bounds. Applying multiple stage-damage curves is common practice when estimating flood losses (Rozer et al., 2019), and it provides an improved understanding of the range of potential losses than a single estimate for each scenario and damage type.

Stage-damage curves recommended by Natural Resources Canada (2020) were developed by IBI Group for Alberta Environment and Parks (AEP) following the damaging floods in southwestern Alberta in June 2013 (IBI-Golder, 2015). These curves are based on an inventory of residential and commercial units in southern Alberta that were flooded in June 2013, as well as other Alberta flood events dating back to the early 1980s. Damage costs are estimated as a cost per unit floor area, for a given flood depth, building type, and damage type. To BGC's knowledge, these are the only curves specifically developed in the past two decades to estimate flood damages to residential development in Canada.

Stage-damage curves recommended by FEMA are a compilation of curves developed by United States federal government agencies for country-wide and district scale flood loss analysis (FEMA, 2009). Damage costs are estimated as a percent of the building replacement value for a given flood depth, damage type and building type. Curves recommended by FEMA are widely used for flood loss estimation in North American contexts.

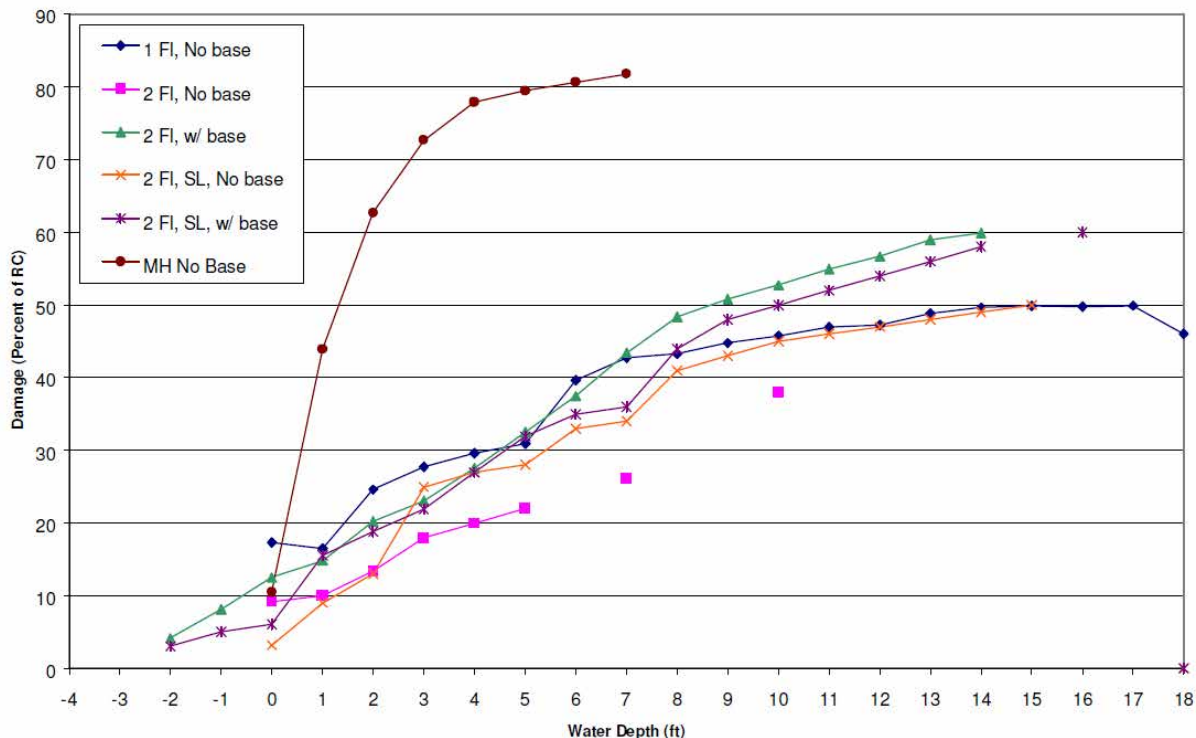


Figure 3-4. Example flood vulnerability curves, developed for loss estimation of single-family residential dwellings (FEMA, 2009). ‘FI’ refers to the number of building floors, ‘SL’ refers to split level, ‘base’ refers to basement, and ‘RC’ refers to replacement cost.

Direct building damages were calculated by: (1) assigning stage-damage curves to each building footprint based on their corresponding building improvement and land-use information (Appendix A); and (2) separately calculating the structure and contents costs for each building using the respective curve and building flood depth.

3.3.2. Direct External Losses

Direct external losses account for damages to goods (e.g., outbuildings, sheds, docks) and property (e.g., sedimentation requiring landscaping and yard-clean up) outside primary buildings.

Nominal values for the cost of external damages are recommended by Natural Resources Canada (2020). BGC estimated direct external damages by classifying each property according to criteria in Table 3-3, then estimated direct damages using the respective nominal damage value. BGC applied the full nominal value if over 50% of the parcel area was within the Flood Impact Line, and a proportion of the full value equal to the percent area of flooding if it was below 50%.

Table 3-3. Baseline nominal values for the cost of external damages to residential property.

Residential Classification	Description	Nominal Damages
AA	Custom construction built during 2000's with superior architectural design. Accounts for the highest reaches of real estate price.	\$ 15,000
A	Relatively large, high-end homes. Reflective of the upper-middle real estate price.	\$ 7,500
B	Average quality units are generally the most numerous in type.	\$ 5,000
C	Older houses, average or below average quality. Represent the lower range of real estate price.	\$ 2,500

3.3.3. Indirect Losses

Indirect losses account for additional costs from evacuation, employment disruption, administrative costs, net loss of normal profit and earning to capital, management and labour, and general inconvenience (Natural Resources Canada and Public Safety Canada, 2020).

Indirect damages can be approximated using a percentage of direct damages (Table 3-4), using values are recommended by Natural Resources Canada (2020).

Table 3-4. Indirect damages as a proportion of direct damages (Natural Resources Canada and Public Safety Canada, 2020).

Land Use Category	Indirect damages as a proportion of direct damages (%)
Agricultural	5 to 10
Residential	10 to 15
Commercial / Industrial	15 to 20
Highways, Bridges, Railroads	15 to 25
Utilities	15 to 20

3.3.4. Future Adjustment and Regional Indexing

Stage-damage curves recommended by Natural Resources Canada (2020) were mainly developed based on conditions outcomes from damaging floods in southwestern Alberta, 2013. BGC updated these damages curves to account for changes in price over time, and regional price differences across markets.

Statistics Canada provides indexes which track the change in price of goods and services over-time and by region (Table 3-5). Using these indexes, adjusted damage estimates were calculated by:

$$\text{Adjusted Damages} = \text{Base Year Damages} \times (\text{Current Index} / \text{Base Year Index})$$

Values for base year indexes were selected to represent Alberta conditions in 2013, while values for current indexes were selected to represent British Columbia conditions in 2019.

Table 3-5. Indexes to adjust stage-damage curves recommended by Natural Resources Canada (2020).

Damage Type	Index Used	Percent Change	Reference
Contents – Residential	Survey of Household Spending	90%	Statistics Canada, Table 11-10-0197-01
Contents – Non-Residential	Consumer Price Index	104%	Statistics Canada, Table 18-10-0005-01
Structure – Residential	New Housing Price Index	110%	Statistics Canada, Table 18-10-0210-01
Structure – Non-Residential	Construction Price Index (non-residential buildings)	102%	Statistics Canada, Table 18-10-0135-01
Regional Price Difference	Inter-city Price Index	95%	Statistics Canada, Table 18-10-0003-01

4. RESULTS

4.1. Flood Hazard Analysis

The hydraulic numerical modelling results shows that along the West Arm reservoir flood elevations drop by approximately 1 m between the eastern end of the West Arm and Sunshine Bay, then minorly decrease between Sunshine Bay and the Grohman Narrows (Figure 4-1). Flood elevations along Kootenay Lake not including the West Arm are likely to be relatively consistent around the reservoir perimeter under non-storm surge flooding conditions.

Flood Impact Lines for each scenario are provided as digital deliverables. They are also displayed on BGC’s web-based map platform Cambio Communities (www.cambiocommunities.ca), which can be found by navigating to the Kootenay Lake Hazard.

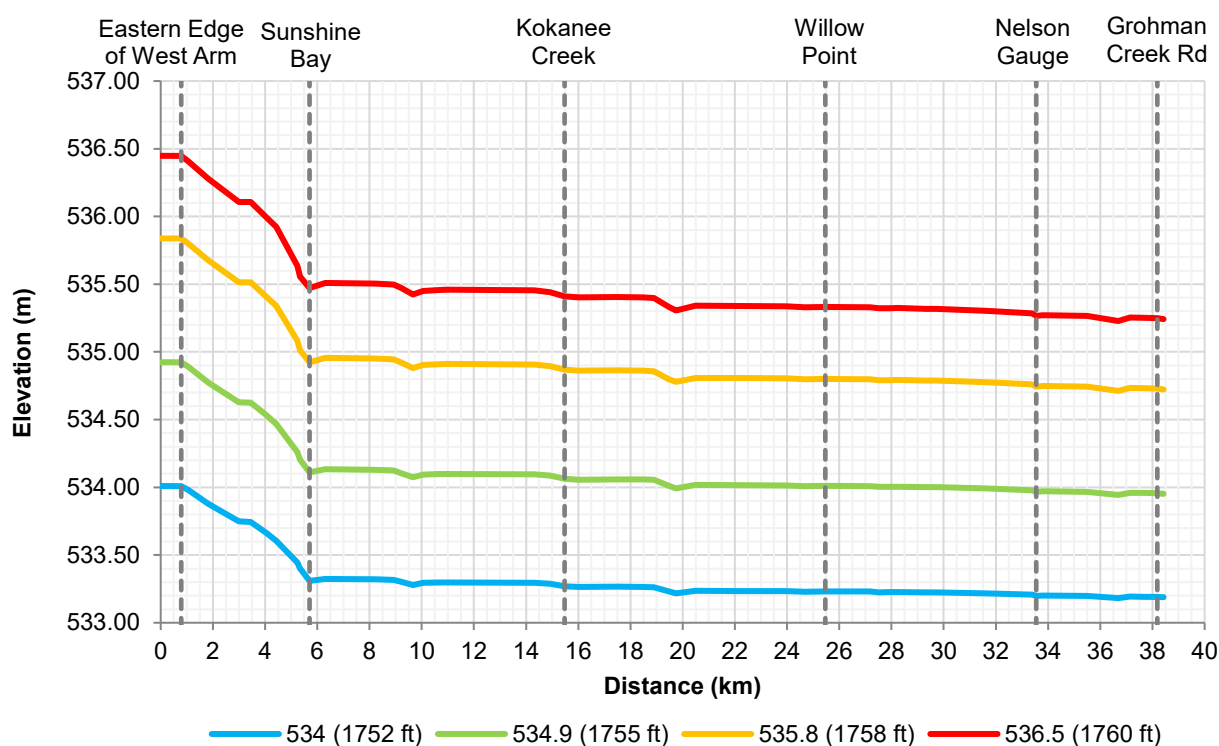


Figure 4-1. Modelled flood elevation along the West Arm for each flood scenario.

4.2. Exposure Analysis

Figure 4-2 summarizes the distribution of buildings and parcels impacted in each flood scenario, grouped by land-use designation. The results indicate that the impacted buildings would primarily be residential units (> 95% of exposed buildings), with over 330 residential buildings being flooded in the 536.5 m (1760 ft) flood scenario.

Calculations of flooded area are based on parcel extents for a given land use (i.e., not building footprints). Most of the flooded area encompasses vacant land of any land-use designation. When considering occupied lands, residential properties account for greatest proportion of flooded area.

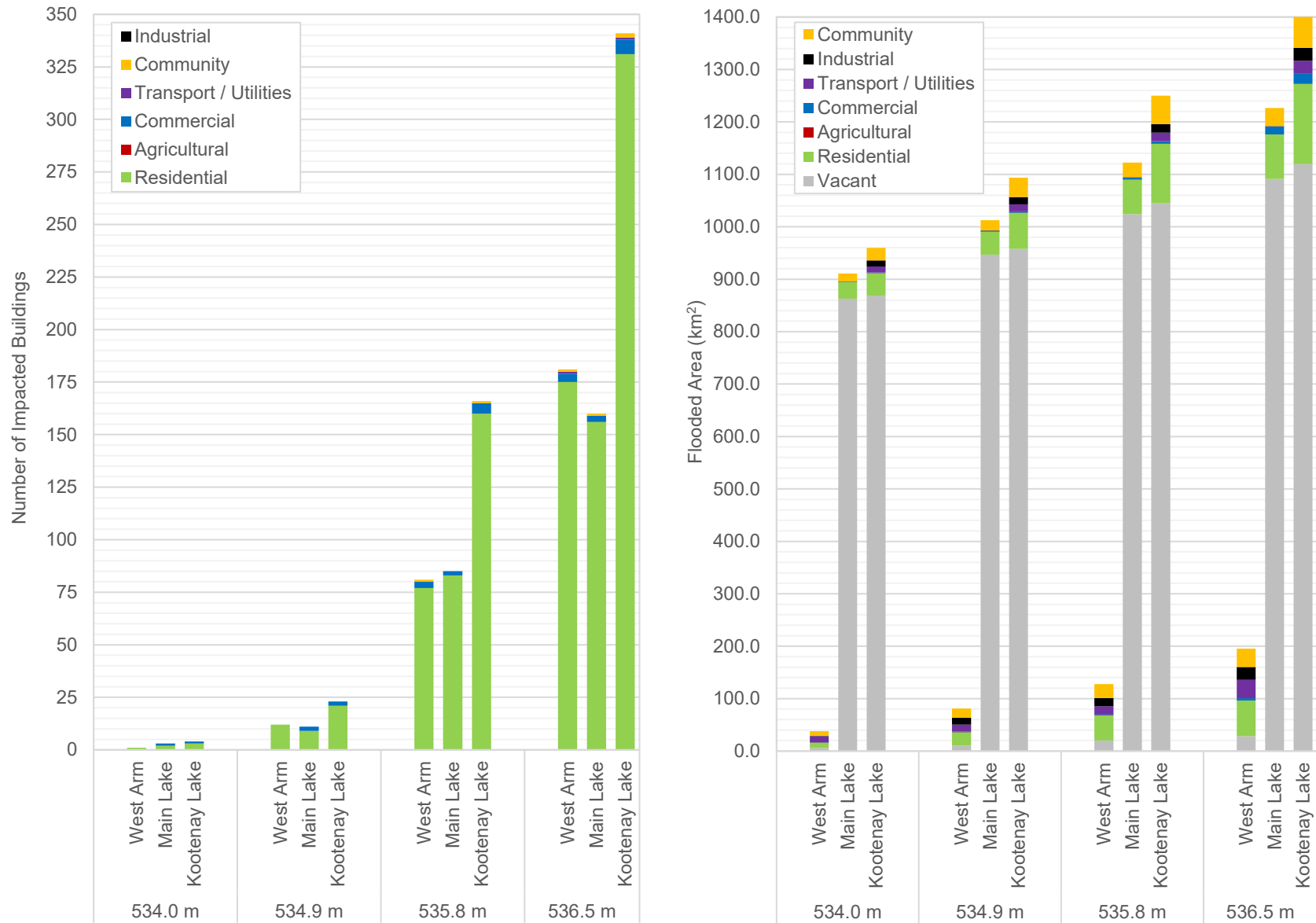


Figure 4-2. Count of exposed buildings grouped by land-use class, and total flood area for each land-use class, including vacant lands.

Table 4-1 summarizes critical facilities and lifelines infrastructure which could be exposed in each of the four flood scenarios. Flood related damages to these elements at risk have not been quantified.

Table 4-1. Critical facilities exposed to flooding in each flood scenario.

Type	Element at Risk	Flood Scenario			
		534.0 m (1752 ft)	534.9 m (1755 ft)	535.8 m (1758 ft)	536.5 m (1760 ft)
Critical Facilities	Nelson airport and ancillary buildings				✓
	RDCK Head Office (Nelson)				✓
	Nelson Ready Mix Concrete				✓
	Kuskanook Harbour and Boat Launch, approach ramp		✓	✓	✓
	Bayshore Resort Marina, approach ramp		✓	✓	✓
	Woodbury Marina, approach ramp			✓	✓
	Riondel Marina, approach ramp		✓	✓	✓
	Harrop Cable Ferry, approach ramp	✓	✓	✓	✓
	Boswell, approach ramp		✓	✓	✓
	Kootenay Bay Public boat launch	✓	✓	✓	✓
Lifelines	Culvert at Redfish and Bryan road				✓
	Regulated dyke at Redfish, Sitcum Creek, Duhamel		✓	✓	✓
	Canadian Pacific Rail Line, between 5 Mile Point and 7 Mile Point along the West Arm, and at south end of lake near the Kootenay River Bridge.	✓	✓	✓	✓

4.3. Flood Loss Analysis

Estimating the economic loss from floods is subject to a high degree of uncertainty due to factors that cannot be captured at the scale of analysis (Section 5.1). The damage values presented below should not be considered as exact figures, but rather as approximations of potential losses

based on the analysis method and types of damage considered. Estimated flood losses are provided in 2019 dollars.

Stage-damage relationships for the Kootenay Lake, the Main Lake, and the West Arm are provided in Appendix B. Estimates of the potential economic losses to properties are shown in Table 4-2 and Figure 4-3.

The results indicate that the cost of flooding increases non-linearly with flood stage, and that there is a relatively large increase in the potential damages per vertical-meter of lake rise for flood elevations exceeding 534.9 m (1755 ft). The lake-elevation of 534.9 m (1755 ft) is 0.4 m above the 2012 flood elevation.

When flood levels are below 534.0 m (1752 ft), external damages account for the highest proportion of economic loss. As the flood stage rises above this level, more primary buildings become impacted and direct structural damages account for the highest proportion of loss.

Table 4-2. Summary of potential economic losses to properties around Kootenay Lake.

Flood Stage (m)	Total Economic Losses ^{1, 2}		
	Natural Resources Canada stage-damage curves	FEMA stage-damage curves	Average
534.0	\$ 900,000	\$ 800,000	\$ 850,000
534.9	\$ 4,000,000	\$ 2,000,000	\$ 3,000,000
535.8	\$ 23,000,000	\$ 13,000,000	\$ 19,000,000
536.5	\$ 53,000,000	\$ 29,000,000	\$ 41,000,000

Note:

1. Flood losses are provided as first-order estimates.
2. Estimated flood losses are provided in 2019 dollars.

Figure 4-4 summarizes the proportion of properties exceeding a given level of economic damage. Most properties (at least 80% between all scenarios considered) experience damages below \$ 5,000, while a small proportion (less than 10% between all scenarios considered) experience damages exceeding \$ 100,000 (Figure 4-4). This indicates a disproportionate amount of economic losses are from a small proportion of the building stock. Properties with the highest modelled losses generally include the highest value residential properties where the primary building is constructed immediately adjacent to the lake front.

Table 4-3 summarizes the areas that could potentially experience the highest concentration of economic loss. Generally, this includes low-lying, developed alluvial fans that encroach the lake, such as Balfour, Proctor, and Long Beach.

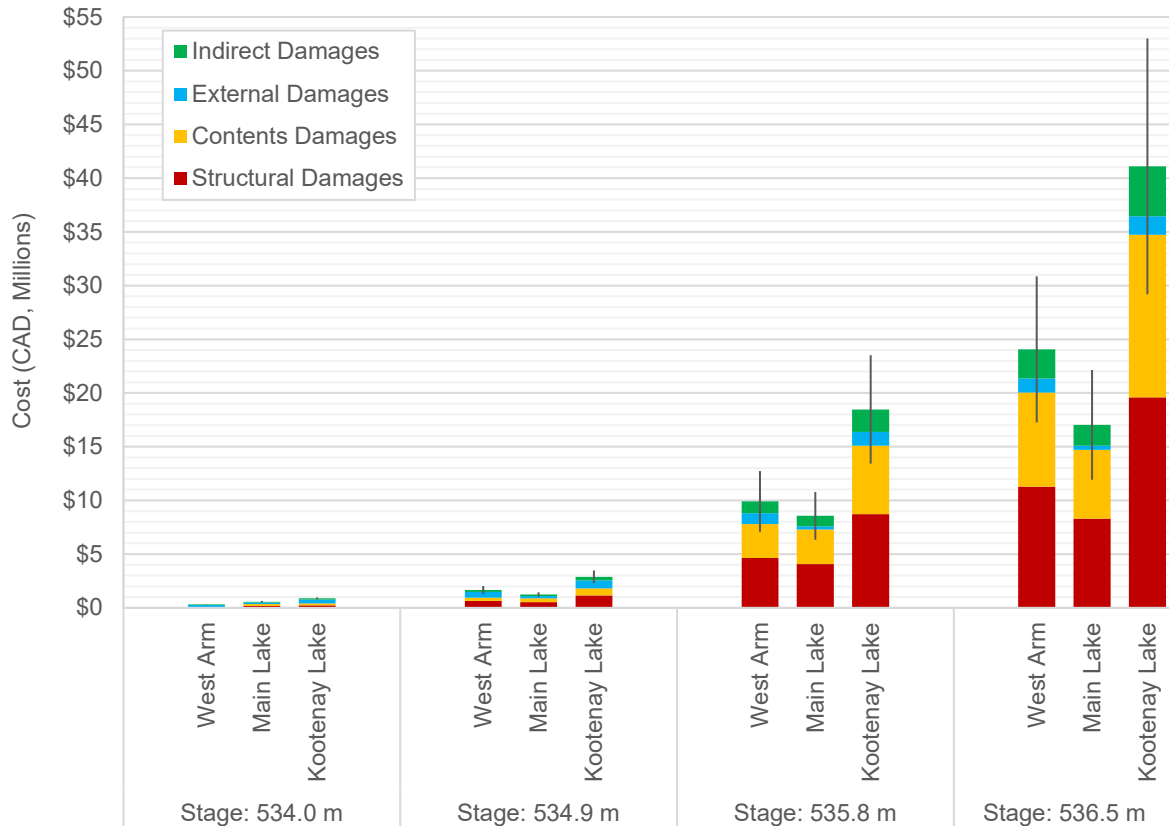


Figure 4-3. Average estimated economic damages for the four Kootenay Lake flood scenarios (which in feet are: 1752', 1755', 1758', 1760'). Vertical bars show estimates using the Natural Resources Canada and FEMA stage-damage curves.

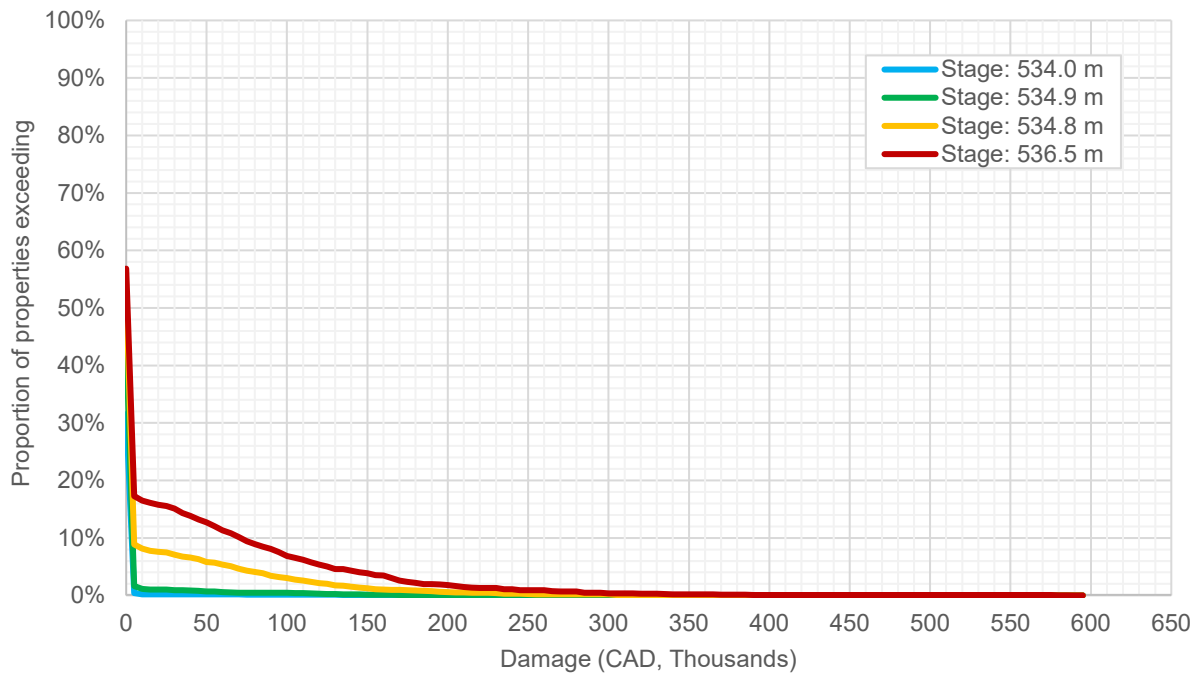


Figure 4-4. Proportion of properties exceeding a given level of damage for each flood scenario.

Table 4-3. Locations with the highest concentrations of economic damages

Location	Lake Region	Estimate of Total Economic Damages			
		Flood Stage: 534.0 m (1752 ft)	Flood Stage: 534.9 m (1755 ft)	Flood Stage: 535.8 m (1758 ft)	Flood Stage: 536.5 m (1760 ft)
Balfour	West Arm	\$10,000 to \$100,000	\$100,000 to \$1,000,000	more than \$2,000,000	more than \$3,000,000
Procter	West Arm	\$10,000 to \$100,000	\$10,000 to \$100,000	more than \$1,000,000	more than \$3,000,000
Long Beach	West Arm	less than \$1,000	\$100,000 to \$1,000,000	more than \$1,000,000	more than \$2,000,000
Redfish	West Arm	\$1,000 to \$10,000	\$10,000 to \$100,000	more than \$1,000,000	more than \$2,000,000
Harrop	West Arm	\$10,000 to \$100,000	\$100,000 to \$1,000,000	\$100,000 to \$1,000,000	more than \$2,000,000
Twins Bay	Main Lake	\$100,000 to \$1,000,000	\$100,000 to \$1,000,000	\$100,000 to \$1,000,000	more than \$1,000,000
Lower 6 Mile Road	West Arm	\$1,000 to \$10,000	\$10,000 to \$100,000	\$100,000 to \$1,000,000	more than \$1,000,000
Heroux Beach	West Arm	\$1,000 to \$10,000	\$1,000 to \$10,000	\$100,000 to \$1,000,000	more than \$1,000,000
Kaslo	Main Lake	less than \$1,000	\$1,000 to \$10,000	\$100,000 to \$1,000,000	more than \$1,000,000
Schroeder Point	Main Lake	less than \$1,000	\$1,000 to \$10,000	\$100,000 to \$1,000,000	more than \$1,000,000
Lardeau	Main Lake	\$10,000 to \$100,000	\$10,000 to \$100,000	\$100,000 to \$1,000,000	\$100,000 to \$1,000,000
Grey Creek	Main Lake	less than \$1,000	\$1,000 to \$10,000	\$100,000 to \$1,000,000	\$100,000 to \$1,000,000
Kootenay Bay	Main Lake	less than \$1,000	\$1,000 to \$10,000	\$100,000 to \$1,000,000	\$100,000 to \$1,000,000

5. DISCUSSION

5.1. Results Limitations

The purpose of this analysis is to estimate potential economic losses from elevated Kootenay Lake levels in order to support risk-reduction decision making. The results are subject to limitations, and decision makers using this information should consider the following:

- Statistically derived flood damage estimates are not appropriate to estimate damages to single buildings because nominally similar buildings can experience different losses during a natural hazard (FEMA, 2009), where losses are strongly sensitive to site-specific factors (Downton and Pielke, 2005; Mertz et al., 2004). While this study can be used to identify locations which would likely contribute strongly to flood exposure, flood damage estimates for single sites should not be relied upon without more detailed assessment.
- Damage estimates become more accurate at higher levels of aggregation (Molinari et al., 2017), as property-scale differences become less apparent (e.g., the analysis may over-estimate damages at one property, but under-estimate it at another). The precision of loss estimates reported in Section 4.3 reflect this factor. More precise estimates of economic losses would require more detailed study.
- The accuracy of loss estimates depends on the distribution of affected buildings. A high percentage of residential buildings generally yields the smallest uncertainties, while a high percentage of industrial buildings yields the largest uncertainties (Mertz et al., 2004).
- Economic loss estimates should not be considered in isolation for decision making. Other qualitative factors including the potential long-term impacts of flooding, non-tangible impacts (e.g., reputation, psychological factors), resilience of a community and the influence of emergency management operations should also be considered.
- This analysis does not consider the probability of a certain lake level, and therefore does not quantify economic risk (i.e. the probability of a economic loss). Even though the results indicate potential economic losses could exceed tens of millions of dollars, the probability that this could occur is unknown. Understanding the probability of loss is critical to understand the potential losses in context of other Kootenay Lake hazards. Estimating the probability of Kootenay Lake flood scenerios would require understanding the operational decision-making process between IJC dam operators in the Kootenay Lake basin during flood conditions.
- The assessment does not account for all sources of economic loss from a potential lake flood. For example, BGC did not consider losses from impacts to transport and utility infrastructure and did not consider impacts related to wind-generated waves. Impacts to transport and utility infrastructure can include direct losses from damage and indirect losses from such facilities going out of service. Wind-generated waves have the potential to uprush lake shorelines by several meters and can inundate additional properties or cause shoreline erosion that can undermine infrastructure and cause impacts (e.g. Baird, 2018). It is currently unclear to BGC the magnitude of potential economic losses from these additional sources of impact. Given this limitation the study results likely underestimate the total potential flood costs.

5.1.1. Hazard Analysis

The Flood Impact Lines are interpolated from 1-dimensional BC Hydro modelling provided to BGC. The methodology and set-up of that model is not assessed in this work. The accuracy of interpolation is controlled in part by the spacing of the cross sections used in the BC Hydro model, which is not uniform and contains gaps. The cross sections are more densely spaced at turns in the reservoir shoreline and in populated areas. Areas with less densely spaced sections may be affected by the interpolation of the model results between cross sections, potentially leading to over- or underestimation of flood extents.

BGC also assumes the Main Lake fills evenly, so the Flood Impact Line for this region is the contour line generated from lidar for a given flood stage. However, the Main Lake dips southward with an approximate < 2 m vertical elevation change over its length.

Despite the above, these uncertainties are reflected in the precision of reported loss estimates. BGC does not expect this uncertainty to change the main conclusions of the analysis.

5.1.2. Exposure Analysis

The mapping and characterization of building footprints leads to uncertainties in the results. Minor inaccuracies in the location and extent of these boundaries, and the assumed first-floor slab elevations, can result in a building being considered flooded or not. Inaccuracies in characterization (i.e. building classifications based on BC Assessment information) can affect the application of vulnerability algorithms, such as in the choice of building type and assumptions about the presence of a basement. Uncertainties from building footprint locations and extents were reduced by mapping the boundaries from the most recently available LiDAR data, followed by a quality assurance check.

BGC assumes that houses constructed below the Kootenay Lake FCL do not contain basements. However, some houses below this elevation likely pre-date adoption of RDCK's first Floodplain Management Bylaw in 1993, and there are likely some homeowners who have converted basement crawlspaces into living areas (personal comm., Eileen Senyk, January 24, 2020). The estimated number of houses with habitable basements assumed in this study is likely low. BGC estimates that if every house was assumed to contain a basement, the results losses could be 1.5 times greater than the current estimates.

BGC also notes that flood hazard exposure (and vulnerability to loss) may exist below the lowermost flood elevation scenario provided to BGC and considered in this assessment.

5.1.3. Loss Analysis

The scope of this analysis is limited to economic losses on each property; damages to transport and utility infrastructure are not considered. Damages to these assets during a flood would increase the total economic losses presented here. Direct losses to these assets could be from clean-up and repairs, while indirect losses would mostly arise from business opportunity costs (e.g., closure of the Nelson Airport, or closure of the CP Railway).

Stage-damage relationships applied in this analysis are subject to several uncertainties. These curves are either synthetically developed (i.e., based on house-hold surveys of the value of goods and property) or are empirically derived from flood loss data. In either case, a single deterministic relationship is developed from highly site-specific information to represent a range of factors that influence the potential for loss at a property. Some of these factors include the inventory and value of goods on a property, the building construction materials and quality, the building dimensions, and access profile of property owners (Wisner et al., 2004). To manage this uncertainty, BGC generated economic loss estimates from two sets of curves, adjusted to local conditions as described in Section 4.3; and limited the precision of reporting to first-order approximations or order of magnitude ranges (Section 5.1).

5.2. Risk Management Implications

The results indicate the following regarding management of Kootenay Lake flood risk:

- The potential economic losses grow non-linearly with flood stage, particularly above the 534.9 m (1755 ft) lake elevation scenario. This non-linear increase in damages with elevated lake levels should be considered when reviewing the costs and benefits of flood regulation options for Kootenay Lake.
- Of the range of building types potentially exposed to flooding on Kootenay Lake, residential properties are likely to experience the highest level of economic damages. RDCK may consider investigating risk management approaches that focus on residential properties to optimize potential risk-reduction efforts.
- Most economic damages are concentrated between a small proportion of properties around Kootenay Lake. RDCK can consider risk management solutions that focus on select properties where losses are anticipated to be highest to optimize risk-reduction efforts.
- The approach ramps or parking lots for several marinas around Kootenay Lake may become inundated when the lake levels exceed the 535.8 m (1758 ft) lake elevation scenario. RDCK could consider emergency management contingencies should these facilities become inoperable.

6. CONCLUSION

Properties along the perimeter of Kootenay Lake have the potential to be inundated by lake flooding. The purpose of this analysis was to quantify the potential economic losses from these geohazards in order to support RDCK with flood risk management decision making. Economic losses to transport and utility infrastructure were not estimated.

Economic losses were estimated using a three-part procedure composed of hazard analysis, exposure analysis, and loss analysis. The hazard analysis included mapping the impact extents of four Kootenay Lake flooding scenarios ranging between flood stages 534.0 m (1752 ft) and 536.5 m (1760 ft). The exposure analysis included mapping and characterizing elements at risk surrounding Kootenay Lake, including the footprint of primary buildings on each parcel. The loss analysis included estimating the potential direct and indirect economic losses at each property and building, based on the property's specific vulnerability characteristics and depth of potential flooding.

The results of the analysis demonstrated that when considering the types of damages assessed, economic losses for each flood stage could be:

- 534.0 m (1752 ft) flood stage: less than \$ 1 million⁵
- 534.9 m (1755 ft) flood stage: between \$ 2 to 4 million
- 535.8 m (1758 ft) flood stage: between \$ 13 to 23 million
- 536.5 m (1760 ft) flood stage: between \$ 29 to 53 million.

Residential properties are expected to suffer the highest proportion of economic losses in Kootenay Lake flooding, and a disproportionate amount of the losses are concentrated to small number of properties distributed around the lake. Developments along low-lying alluvial fans which encroach the lake are expected to experience the highest concentration of losses.

Flood loss estimation is subject to high degrees of uncertainty due to factors that cannot be captured in this analysis. Any decisions made based on the analysis results should consider that: (1) loss estimates for individual buildings can be extremely inaccurate without site-specific assessment; (2) loss estimates are more accurate at higher levels of aggregation; and (3) loss estimates should be considered along-side qualitative impacts such as long-term effects, and intangible damages as economic loss analysis cannot account for the complexity of impacts resulting from flood.

⁵ Estimated flood losses are provided in 2019 dollars.

7. RECOMMENDATIONS

This section briefly summarizes the following for consideration by RDCK:

- *Additional Economic Loss Analysis*: approaches to improve understanding of economic losses from Kootenay Lake flooding and address limitations and uncertainties of the current study.
- *Reservoir Hazard Identification (Impact Lines)*: approaches to characterize a broader range of reservoir geohazards than the elevated lake levels considered in this study.
- *Kootenay Lake Flood Risk Management*: approaches to evaluate actions for reservoir flood risk management in terms of the level of risk reduction gained in relation to effort.
- *Additional Application of Deliverables*: summary of deliverables that have applications beyond the current scope of work.

7.1. Additional Economic Loss Analysis

The accuracy and precision of results in this analysis are subject to limitations and uncertainties (Section 5). BGC understands that RDCK intends to gain a clear understanding of the total potential economic losses from potential flood scenarios in order to inform risk management decision making.

This study does not account for potential economic losses from wind-generated waves during flood conditions. BGC anticipates this may be the studies' largest limitation. Therefore, BGC recommends at a minimum that RDCK carry-out further economic loss analysis that considers the impact of wind-generated waves. This would include a hazard assessment of the wave intensity (e.g. run-up heights and velocity) and inundation extents during flood scenarios, and the associated potential losses from inundation and potential shoreline erosion. BGC recommends this analysis also consider potential impacts to utility and transport infrastructure in addition to property.

Additional scopes of work which RDCK may consider to further improve the economic loss assessment results, ordered by relative importance, include:

- Estimating the potential direct and indirect economic losses from inundation of utility and transport infrastructure in each flood scenario.
- Reducing uncertainties in the building exposure model. This would include improving the understanding of which homes include habitable basements below the current lake FCL specified in RDCKs Floodplain Bylaw and obtaining an improved understanding of the basement and first-floor geometries of houses which could potentially suffer the highest losses. This includes high value properties nearest the lake.
- Considering additional flood impact scenarios. This would include a review of flood scenarios considered in this assessment with RDCK and their stakeholders, then assessing the potential economic loss for any additional credible cases identified. The purpose is to obtain economic loss estimates for the full set of credible cases. This may include assessment of flood elevations lower than those provided to BGC and considered in this assessment, as a check to estimate the minimum flood elevation with credible potential to result in flood damages.

7.2. Reservoir Hazard Identification (Impact Lines)

The current study estimates potential economic damages from inundation of the shoreline by static floodwaters from elevated lake levels. However, high and/or fluctuating lake levels can manifest additional geohazards that were not included in this scope of work. These hazards include:

- Flood inundation
- Shoreline erosion
- Landslides and associated landslide-generated impulse waves
- Groundwater mounding
- Wind- and boat-generated waves
- Storm surge.

Impacts from such events are manifested through a chain of events where the hazard occurs, impacts an element at risk, and causes something of value to suffer a loss. Losses can be measured, for example, as the number of casualties (e.g. displaced persons, injured persons, fatalities), economic value (e.g., capital cost, or life cycle cost), time (e.g., days, weeks, months or years of schedule delay, or of loss of use of some asset or functionality), or ecological value.

Reservoir hazards around RDCKs impoundments can be assessed using an ‘impact line’ approach, which is based on guidelines provided by the International Commission on Large Dams (ICOLD, 2002). It recommends that individual lines be established to delineate the potential types of hazards around a reservoir, and where possible that the position of the lines be linked to a specified likelihood of event occurrence or exceedance. This approach provides for greater transparency and the opportunity for greater flexibility for land use based on hazard or risk-based decision making.

Figure 7-2 provides a schematic illustration of flooding, erosion, stability, and landslide-generated wave impact lines. Each are described further below.

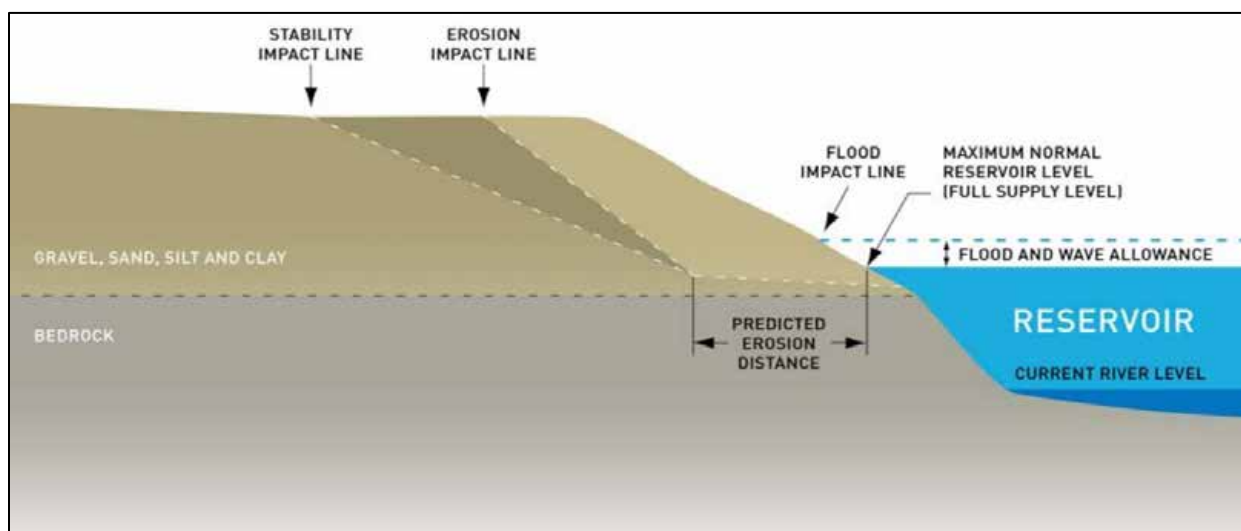


Figure 7-1. Schematic illustration of the Flood, Erosion, and Stability Impact Lines for a typical low bank (top graphic) and high bank (lower graphic) slope (adapted from McDougall, Porter, & Watson, 2015; BC Hydro, 2012).

The *Flood Impact Line* is the boundary beyond which land would not be expected to be affected by floods, wind-generated waves, storm-surges and/or waves caused by boats and small landslides, and groundwater infiltration. Flood Impact Lines can be set to a specified elevation above the Maximum Normal Reservoir Level. They provide an upper envelope on each of the various contributing factors listed above, or for all of them simultaneously. The current study presented in this report presents a Flood Impact Line that includes floods only (surface and basement impacts). An expanded impact assessment framework could include these other sources of inundation.

The *Erosion Impact Line* is the boundary beyond which the top of the slope adjacent to the reservoir would not be expected to regress due to erosion caused by the impoundment and operation of the reservoir over a defined period (e.g., 100 years). It considers both predicted shoreline erosion and the formation of a slope above the reservoir shoreline using appropriate eroded (short term, steep) slope angles for the geological units present around the shoreline.

The *Stability Impact Line* is the boundary beyond which land would not be expected to be affected by landslide events caused by the impoundment and operation of the reservoir. It accounts for the predicted amount of shoreline erosion over a 100-year period of reservoir operation, potential changes in groundwater levels and gradual flattening of slopes above the reservoir shoreline using appropriate ultimate (long term, shallow) slope angles for the geological units present around the shoreline.

The *Landslide-Generated Wave Impact Line* is not shown on Figure 7-2 and may not be appropriate for all areas. It shows a boundary line where it can be determined that waves triggered by landslides entering a reservoir (landslide-generated waves) could temporarily inundate elevations higher than the Flood Impact Line. The inundation of these areas can be modelled numerically to estimate the Impact Line.

Raised reservoir levels can increase the potential for fan-delta avulsions and bank erosion during steep creek geohazard events, i.e., where the coincidence of high lake levels and high creek flows can promote upstream avulsions. The Flood Impact Line approach cannot account for these types of reservoir hazards, and they are best considered as part of detailed steep creek assessments where this hazard is credible.

BC Hydro has adopted the impact line approach for analysis of reservoir geohazards at the Site C reservoir (McDougall, Porter, & Watson, 2015), as well regulation of land use on private property when considering these hazards.

7.3. Kootenay Lake Flood Risk Management

The purpose of this work is to broaden the understanding of potential Kootenay Lake geohazard impacts to support decisions that prevent or reduce economic loss from elevated lake levels. This section summarizes steps to manage reservoir geohazards with the goal of optimizing the level of risk reduction gained in relation to effort. BGC suggests that subsequent work to manage reservoir risk be completed in partnership with those involved with the regulation of Kootenay lake elevations.

Following characterization of reservoir geohazard economic impacts, including those estimated in this study and potentially from the broader range of hazards described in Section 7.2, the next steps include determining the optimal risk management approach (or combination of approaches). The objective is to select management approaches that would reduce risk to 'As Low As Reasonably Practicable' (ALARP), by accounting for the available resources and timelines, and potential risk-reduction.

The objectives of the assessment would be to:

1. Estimate the probability of geohazard scenarios (e.g., lake elevations), if this information isn't already known, to quantify economic risk (i.e., the probability of loss, or the amount of loss that may occur in a specified time period). For example, because Kootenay Lake is partially regulated, this assessment does not consider the probability of a certain lake level, and therefore cannot formally quantify economic risk. Gaining an understanding of economic risk would allow comparison of economic losses to annualized mitigation costs of potential management approaches, providing a clearer comparison of costs and benefits. Estimating the probability of flood scenarios would require understanding the operational decision-making process between IJC dam operators in the Kootenay Lake basin during flood conditions.
2. Review and estimate the costs of geohazard risk management approaches. This would include the range of engineering and land-use approaches available to RDCK and their stakeholders. For example, approaches would include those that could either (1) limit the potential for geohazards occurring, (2) limit the potential for geohazards to impact properties or infrastructure around RDCK, or (3) reduce the vulnerability of elements at risk which could be exposed to geohazards.
3. Use the results of the above two steps to compare the annualized cost and risk-reduction benefit of each management option to select the approach that optimizes RDCK resources against risk-reduction benefit.

7.4. Additional Application of Deliverables

An indirect outcome of this project included the following deliverables that have applications beyond the current scope of work:

- Building footprint identification and characterization, which improves the exposure model that defines elements at risk in RDCK.
- A mapping of stage-damage curves considered in this analysis to BC Assessment manual use codes and primary actual use codes. The stage-damage curve mapping is applicable to flood risk assessment across all areas subject to clear-water flood hazards within the RDCK.

8. CLOSURE

We trust the above satisfies your requirements at this time. Should you have any questions or comments, please do not hesitate to contact us.

Yours sincerely,

BGC ENGINEERING INC.

per:



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APPENDIX A STAGE-DAMAGE CURVE MAPPING

APPENDIX A – STAGE-DAMAGE CURVE MAPPING

This study assesses the potential economic damages from flooding based on the flood intensity (i.e., depth) and building characteristics of elements at risk. In this way, this assessment explicitly considers vulnerability of elements at risk, which is represented by stage-damage curves assigned to each property.

This appendix summarizes the method to relate stage-damage curves to properties around Kootenay Lake. Generally, this included applying a rule-based approach to map a stage-damage curve to each property for each damage type based on building improvement and land-use information.

A.1. BUILDING IMPROVEMENTS

BGC characterized buildings (improvements) at a parcel level of detail based on cadastral data, which define the location and extent of title and crown land parcels, and municipal assessment data, which describe the usage and value of parcels for taxation.

Titled and Crown land parcels in British Columbia were defined using Parcel Map BC (ICI Society, 2019) and joined to 2018 BC Assessment (BCA) data to obtain data on building improvements and land use.

Primary Actual Use and Manual Predominant Use Class (BC Assessment, 2017) was used to define a property building and land-use characteristics. Primary Actual Use Class identifies the primary purpose for which a property is being held or used and is a recorded for each property. Manual Predominant Use Class provides additional information on the state of the property, including the number of story's, quality and use of the primary building.

A.2. STAGE-DAMAGE CURVE MAPPING

Stage-damage curves recommended by Natural Resources Canada (2018) and The United States Department of Homeland Security, Federal Emergency Management Agency (FEMA, 2009) were used to describe vulnerability of properties to flood damage.

Stage-damage curves recommended by Natural Resources Canada (2018) were developed by IBI Group for Alberta Environment and Parks (AEP) following the damaging floods in southwestern Alberta in June 2013 (IBI-Golder, 2015). These curves are based on an inventory of residential and commercial units in southern Alberta that were flooded in June 2013, as well as other Alberta flood events dating back to the early 1980s. Stage-damage curves related a cost per unit floor area to flood depth, for a given damage type and building type. To BGC's knowledge, these are the only curves specifically developed in the past two decades to estimate flood damages to residential development in Canada.

Stage-damage curves recommended by FEMA are a compilation of curves developed by United States federal government agencies for country-wide and district scale flood loss analysis

(FEMA, 2009). Damage costs are estimated as a percent of the building replacement value for a given flood depth, damage type and building type. Curves recommended by FEMA are widely used for flood loss estimation in North American contexts.

Table A-1 and Table A-2 summarizes the rules-based mapping between stage-damage curves and BC Assessment Manual Predominant Use Class and Primary Actual Use, respectively. BGC assigned stage-damage curves for structural and contents damages to each property based on these rules. Curves which relate to Primary Actual Use were applied if no Predominant Manual Use Class was available or if it was attributed as 'Non-Manualized Structure' or 'Miscellaneous'. The assigned building classes for each parcel were then reviewed against the associated improvement value and were manually adjusted if required.

Table A-1. Rules-based mapping between Natural Resources Canada (2020) building classes and BC Assessment use classes.

Building Class ^{1,2}	Use	Description	Mapped Manual Predominant Use Class ²	Mapped Actual Use Class ²
A – 1 A – 2	Residential	Relatively large, high-end homes. Upper-middle range of real estate.	New semicustom (any age or quality); Architect designed (any age or quality).	Assumed any detached residential unit without Manual Predominant Use Class was an average quality unit (Building Class B).
B – 1 B – 2	Residential	Average quality home; most numerous in type.	Recreation home (all ages, substandard and fair); Single Family Dwelling or Duplex (all ages, substandard; after 1930 semi-custom or better quality; after 1960 fair or better quality); Domestic Carport, Garage, General Purpose Outbuilding, Tool Shed (average quality, residential land-use)	Seasonal Dwelling (any), Single Family Dwelling (any), Duplex (any), Row-housing (any)
C – 1 C – 2	Residential	Older houses, average or below average quality. Lower range of real estate.	Recreation home (all ages poor or lower quality); Single Family Dwelling or Duplex (all ages poor or lower quality; before 1930 any quality; after 1930 standard or better quality); Domestic Carport, Garage, General Purpose Outbuilding, Tool Shed (low quality, residential land-use)	Assumed any detached residential unit without Manual Predominant Use Class was an average quality unit (Building Class B).
D	Residential	Mobile homes, without basements.	Manufactured Home (any quality)	Manufactured Home (any)
MA	Residential	Apartment buildings (less than 5 storeys)	Dormitory, Strata Apartment; Seniors Supporting Living	Multi-family (any)
S1	Non-residential	Office/Retail (structure)	Office, Community Shopping Centre, Restaurant, Retail Store, Service Repair Garage, Warehouse Showroom Store	Stores and Service; Stores and Offices
S2	Non-residential	Industrial/Warehouse (structure)	Garage (any), Warehouse (any), Industrial (any), Material Storage, Supermarket, Utility Building, Farm Implement Building, Hangar, Maintenance & Office; General Purpose Shed and Outbuilding (any quality, commercial land-use);	Storage and Warehousing (any); Cement Plant

Building Class ^{1,2}	Use	Description	Mapped Manual Predominant Use Class ²	Mapped Actual Use Class ²
S3	Non-residential	Hotel/Motel (structure)	Hotel (any), Motel (any), Clubhouse	Hotel; Motel and Auto Court;
S5	Non-residential	Institution (structure)	Government Building, Veterinary Hospital; General Purpose Shed and Outbuilding (any quality, community land-use);	Recreational and Cultural Buildings, Parks and Playing Fields, Government Buildings
A1	Non-residential	General Office	Office (any)	Stores and Offices
C6	Non-residential	Retail	Community shopping center, Retail Store (any)	Stores and Service, Shopping Center (any)
E1	Non-residential	Groceries	Supermarket	Food Market
G1	Non-residential	Auto	Service Repair Garage	Service Station (any)
H1	Non-residential	Hotels	Hotel (any), Motel (any), Clubhouse	Hotel; Motel and Auto Court;
I1	Non-residential	Restaurant	Restaurant	Restaurant Only
L1	Non-residential	Warehouse/Industrial	Utility Building; General Purpose Shed and Outbuilding (any quality, non-residential land-use);	Storage and Warehousing (any); Cement Plant
N1	Non-residential	Institution	Government Buildings	Recreational and Cultural Buildings, Parks and Playing Fields, Government Buildings
N2	Non-residential	Hospital	Veterinary Hospital	Hospitals

Notes:

1. The letter and number indicate the number of building storey's. 1 refers to one storey residential building and 2 refers to residential buildings with two or more storey's.
2. Only accounts for predominant manual use classes and primary actual use classes associated with properties around Kootenay Lake, and their mapped stage-damage curve.

Table A-2. Rules-based mapping between Natural Resources Canada (2020) building classes and BC Assessment use classes.

HAZUS Occupancy Class	Building Class ^{1,2}	Description	Mapped Manual Predominant Use Class ²	Mapped Actual Use Class ²
RES1	Basement 1 FL	Detached residential unit with basement (1 storey)	Residential buildings classified as 1 storey; any age or quality.	Assumed any residential unit without Manual Predominant Use Class was two storeys (Basement, 2 FL).
	Basement SL	Detached residential unit with basement (split-level storey)	Residential buildings classified as 1½ storey; any age or quality.	Assumed any residential unit without Manual Predominant Use Class was two storeys (Basement, 2 FL).
	Basement 2 FL	Detached residential unit with basement (2 storey)	Residential buildings classified as 2 or more storey's; any age or quality.	Seasonal Dwelling (any), Single Family Dwelling (any), Duplex (any), Row-housing (any)
	No Basement 1 FL	Detached residential unit without basement (1 storey)	Residential buildings classified as 1 storey; any age or quality.	Assumed any residential unit without Manual Predominant Use Class was two storeys (Basement, 2 FL).
	No Basement SL	Detached residential unit without basement (split-level storey)	Residential buildings classified as 1½ storey; any age or quality.	Assumed any residential unit without Manual Predominant Use Class was two storeys (Basement, 2 FL).
	No Basement 2 FL	Detached residential unit without basement (2 storey)	Residential buildings classified as 2 or more storey's; any age or quality.	Seasonal Dwelling (any), Single Family Dwelling (any), Duplex (any), Row-housing (any)
RES2	MH	Mobile home	Manufactured Home (any quality)	Manufactured Home (any)
RES3	n/a	Mutli-family apartments	Dormitory, Strata Apartment; Seniors Supporting Living	Multi-family (any)

Notes:

1. FL – Floor; SL – Split-level; MH – mobile home.
2. Basements were assumed present in houses above the Kootenay Lake Flood Construction Level (RDCK, 2009).
3. Losses to non-residential buildings were estimated using the Natural Resources Canada curves, given a very small proportion of the total losses were determined to be from non-residential structures.

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APPENDIX B STAGE-DAMAGE CURVES

APPENDIX B – STAGE-DAMAGE CURVES

The following appendix presents stage-damage relationships for Kootenay Lake, the West Arm, and the Main Lake. These relationships are based on estimates of economic losses to properties from four flood scenarios, including:

- Flood Stage: 534.0 m (1752 ft)
- Flood Stage: 534.9 m (1755 ft)
- Flood Stage: 535.8 m (1758 ft)
- Flood Stage: 536.5 m (1760 ft)

The curves represent structural, contents, external, and indirect economic losses estimated using the methods and assumptions summarized in this report. The uncertainty bounds represent the range of values estimated using stage-damage relationships provided by Natural Resource Canada (2020) and FEMA (2009). The middle line is the average of both estimates.

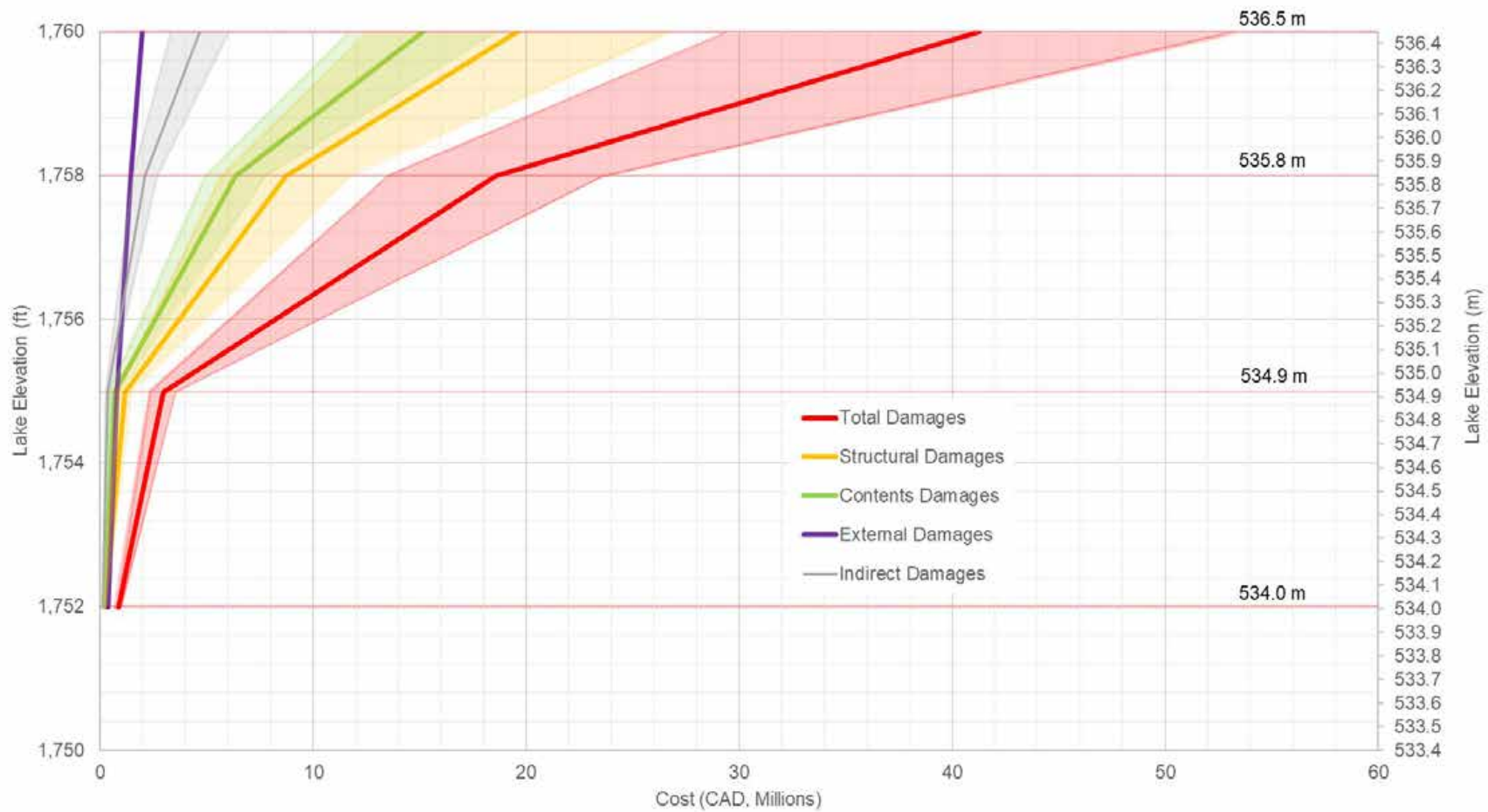


Figure B-1. Stage-damage relationships for economic losses to properties along Kootenay Lake.

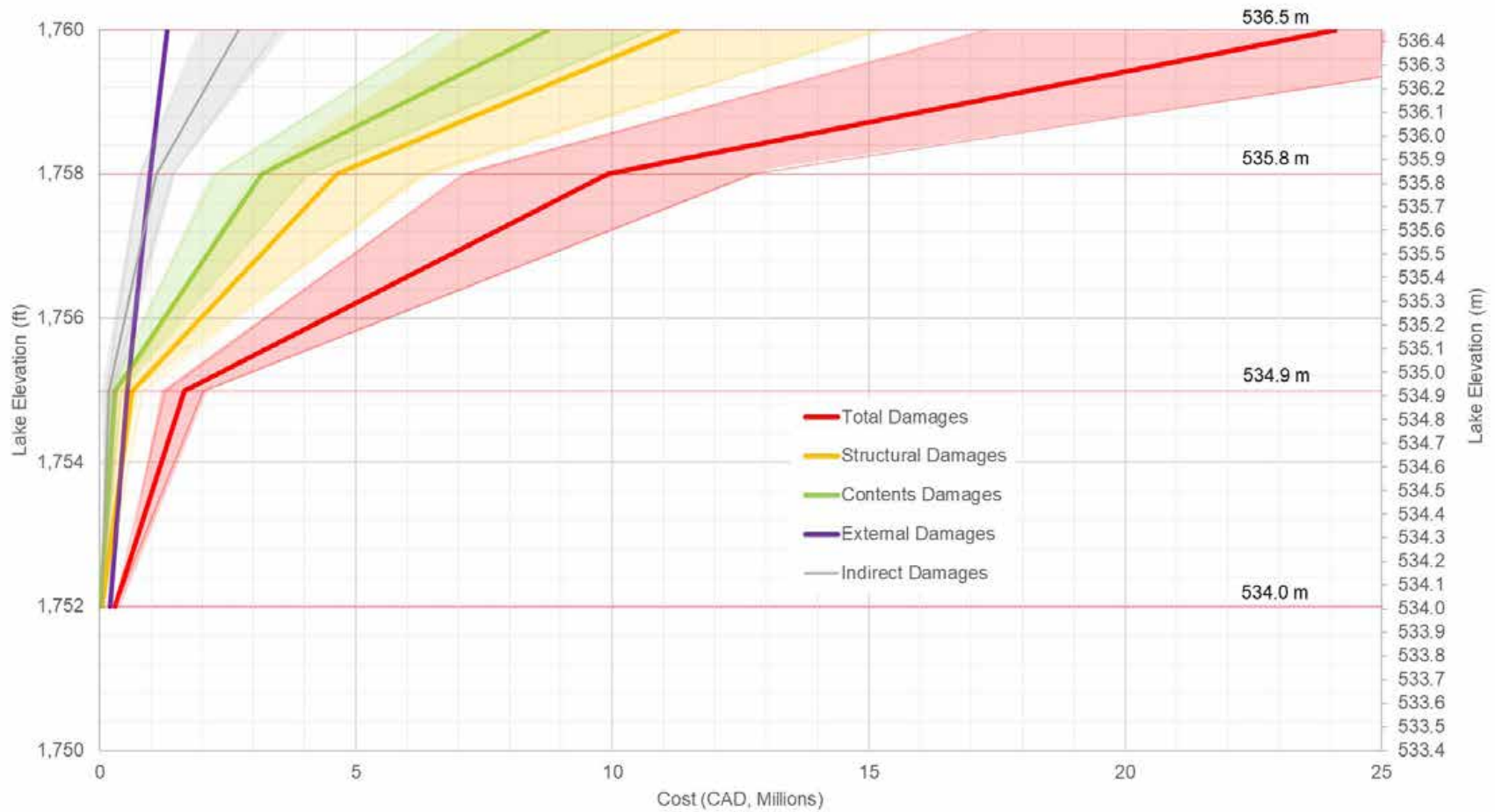


Figure B-2. Stage-damage relationships for economic losses to properties along the West Arm.

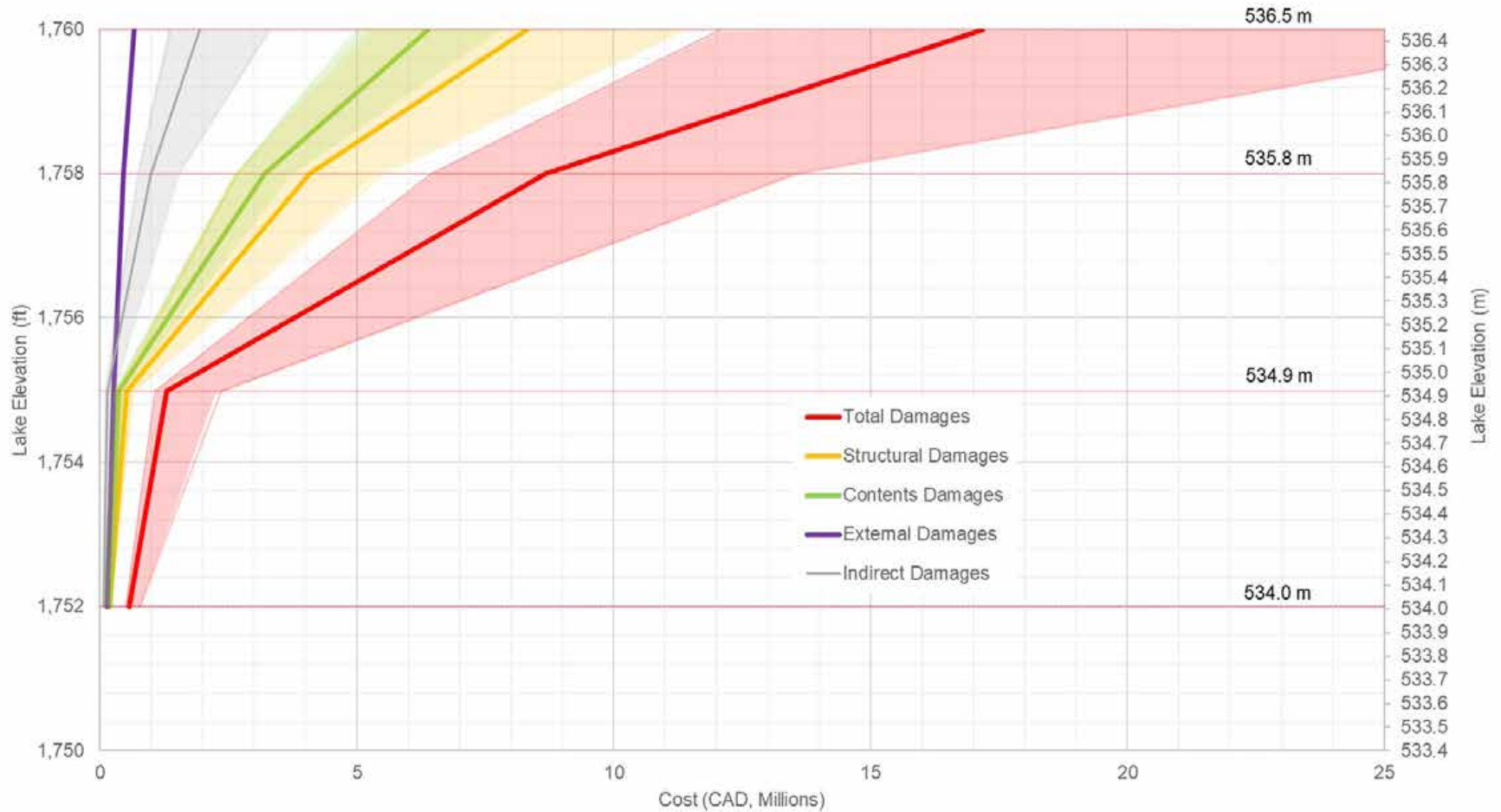
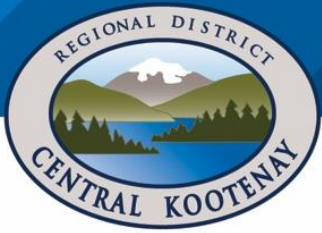


Figure B-3. Stage-damage relationships for economic losses to properties along the Main Lake.



Board Report

Date of Report:	January 31, 2023
Date & Type of Meeting:	February 16, 2023 Regular Open Board Meeting
Author:	Todd Johnston, Environmental Coordinator
Subject:	2023 MOSQUITO CONTROL PROGRAM CONTRACT AND 2022 FINAL SEASON REPORT REPORTING
File:	6030-04
Electoral Area/Municipality	Electoral Areas D

SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to both provide the Board of Directors with the 2022 Annual Report for the Mosquito Control Program delivered in a Portion of Electoral Area D (Meadow Creek area –Service S184) and the Pineridge community (Service S185); and to present the details of a proposal from Morrow Biosciences Ltd., which would significantly modify the current service model and pricing.

SECTION 2: BACKGROUND/ANALYSIS

The RDCK administers and coordinates a Mosquito Control Program (the Program) in a Portion of Electoral Area D (Meadow Creek area) and the Pineridge community south of Kaslo. Most of the Program activity takes place along the north side of Kootenay Lake, Pine Ridge, along the Duncan River, Meadow Creek, and the Marblehead area. The Program uses the methods of Integrated Pest Management to provide mosquito control in an effective, safe, and environmentally responsible manner. Last season, 2022, concludes the 5th year of a five year contract.

Large areas of the mosquito control program are within the Duncan River's and Kootenay Lake's floodplains, and the primary targets of the Program are floodwater mosquito larvae; these mosquitos deposit their eggs on damp substrate that experiences inter-annual flooding.

When freshet or high precipitation events flood these sites, the result are large-scale floodwater mosquito egg hatching.

Morrow Biosciences Ltd. (MBL) technicians monitor these sites for floodwater mosquito larvae to determine the treatment application schedules. Larval mosquitoes in sufficient number are treated by applications of a microbial larvicide product, which contains the active ingredient *Bacillus thuringiensis* var. *israelensis* (Bti). Bti is a target-specific larvicide, meaning that the mid-gut receptors in the mosquito larvae are targeted by a toxin protein in the Bti, which is not toxic to any other species excepting black flies.

Aerial (helicopter) applications are used later in the season when more mosquito eggs are triggered to hatch, and when keeping ahead of larvae production through ground-applied treatments becomes more difficult.

2022 Annual Report

The Program has been delivered by MBL for 22 seasons. MBL prepares year-end reports for the RDCK as part of their contract agreement, which they recently submitted for the 2022 season (See Attachment B).

2022 environmental conditions included higher than normal peaks for both the Duncan River and Kootenay Lake, higher April snowpacks in the West Kootenay Basin and the Upper Columbia Basin (101 and 115 percent of normal, respectively), a delayed freshet, local precipitation accumulation for May and June >40 mm above average, and higher peak river and Lake levels; all of which contribute to mosquito production.

Two aerial (helicopter) pesticide applications campaigns were conducted in June, treating a total area of 673 ha with 2,694 kg of Bti.

Ground-applied treatments in Meadow Creek were applied to 90 ha with 361 kg of Bti; ground-applied treatments in Pine Ridge were applied to 4.4 ha, using 17.5 kg of Bti.

High and sustained Duncan River and Kootenay Lake levels created optimal conditions for floodwater mosquito development in 2022, resulting in more concern calls and emails to the MBL.

On May 13, 2022, RDCK collaborated with MBL in hosting a virtual Town Hall for in-program residents, to review the 2021 season, provide information on the program, and discuss issues and concerns, including treatment alerts and communication processes in general.

MBL Proposal for Mosquito Control Services 2023-2027

On June 16, 2022, RDCK Board of Directors passed the following resolution:

399/22 That the Board direct staff to negotiate a five year direct award contract between RDCK and Morrow BioSciences Ltd. for providing the Mosquito Control Program service in a Portion of Electoral Area D (Meadow Creek area) and the Pineridge community in 2023-2027, and that the results be brought back to the Board of Directors for consideration at the August 18, 2022 Board meeting.

Since the passing of the above resolution, MBL has submitted a proposal (See Appendix B) for the delivery of the 2023-2027 Program, with substantially higher costs and a different model of delivery.

The proposal identifies a need to increase both the frequency and amount of area treated through ground applications of Bti, improve the visibility and interactions between ground crews and the community, and decrease dependence on the use of aerial (helicopter) applications, which in recent years has become less reliable and substantially more expensive.

Certain larger properties in Meadow Creek contain seasonal flood waters which influence the intensity of nuisance mosquito production for other residents in the vicinity; some of these property owners have not allowed access for either aerial or ground Bti treatments, due to a perception of environmental and/or health risks. In addition, there appears to be a growing amount of misinformation circulated within the community about how the Program works and what are realistic expectations for mosquito nuisance reductions in a wetland-influenced community.

Given the conditions described above, MBL has proposed a different model for delivering the program, with a base rate designed to cover additional staffing, and out-of-region support crews to assist with larger treatment applications in a less disruptive manner (than helicopters). Additional ground-application crews should serve to improve the Program optics, and in doing so; invite community input, provide educational opportunities, and promote best practices for homeowners. Improved education and an increased visible Program presence may also encourage voluntary access for treatment on properties owned by people skeptical of Bti use.

The previous base rate was capped at a maximum of 500 Ha of ground and aerial treatments; the proposed base rate would remove that cap and add two ground crew members on an as-needs basis to “front end load” ground-applied treatments, which should offset the amount of aerial applications required. Further, the base rate would cover a portion of additional support crews, pulled from other MBL programs in the province. The proposed base rate will provide more monitoring hours, which should improve strategic applications to higher mosquito production areas. The proposed base rate would also provide compensation for time spent working directly with the community, such as attendance at information sessions, problem solving, and receiving feedback.

The previous base rate, which included aerial treatments, did not fully compensate helicopter costs in 2022, which ran over by \$5,000. Unstable fuel prices and inability to guarantee helicopter availability (especially during wildfire season) has made dependence on this mode of application expensive and unreliable; and is the driver for creating a separate budget line for aerial applications. The proposed Program can not entirely replace aerial applications, which are required later in the season when larval hatching is peaking, however rigorous ground-applied treatments, should reduce dependence on aerial applications.

The use of drones for Bti applications has been in development by MBL for several years. The company owns several commercial drones, has developed their skills in the use of this technology, and has all of the Provincial licensing in place. MBL is however experiencing a bureaucratic obstacle in obtaining licensing from the Federal Government, specifically that pesticide containers must have the correct labels identifying acceptable modes of application use as acceptable; if the label doesn’t specify drone use, the Federal Government will not issue a license for drone applications. MBL is investigating sourcing Bti from other companies which provide the appropriate labelling, and is seeking support in lobbying the federal government to relax these restrictions.

As the service model proposed has substantial changes from the status-quo, MBL has proposed building in a program review at the two year mark to gauge the effectiveness of the new model in reducing nuisance mosquitos and also public support. Although the Board passed a resolution in June of 2022 to direct award a five year contract with MBL, the issuing of a Request for Proposal for this service is worth considering. It is however, also worth acknowledging that the MBL is the longest-operating mosquito control firm in BC with close to 40 years experience; they began the program in Meadow Creek and Pine Ridge in 2000. Over the past 22 years MBL has developed relationships, and gained region-specific understanding of the geography, history, climate and ecosystems necessary for developing an effective mosquito control program in Meadow Creek and Pine Ridge. It is not likely that a new contractor would be able to immediately pick up where MBL left off; a change to the service provider would likely result a diminished program, at least for the first few years.

SECTION 3: DETAILED ANALYSIS

3.1 Financial Considerations – Cost and Resource Allocations:

Included in Financial Plan:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Financial Plan Amendment:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Debt Bylaw Required:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Public/Gov’t Approvals Required:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Mosquito Control Program funding is included in the Environmental Services 2023 budget considerations. The proposed Program costs, for the five year contract (2023-2027) are significantly higher than those in the previous contract, and as such need to be examined in determining whether to direct award as originally directed or issue a Request for Proposals.

Area D Base Rates - \$69,000/year

The Base Rate for the 2023-2027 contract would see a \$19,621 increase, with an estimated 2% increase for inflation each successive year of the contract. The previous contract included up to 500 Ha of both ground and helicopter treatments whereas the new base rate would not include helicopter expenses. The proposed contract would however cover all primary field technicians, specifically the current full time technician plus additional part time support technician from a neighbouring program for larval sampling, ground applications, and the guiding and ground support for helicopter aerial applications; and additional field and admin support from both an experienced Nelson-based technician, and the owner of MBL.

Helicopter Rates - \$15,000/year (Cost + 18%)

The intention of the proposed pricing is to dedicate more resources towards intensive ground-applied treatments to minimize helicopter use, and ideally keep costs below the budgeted amount. It is not a given that \$15,000 will be spent each year on helicopters, and should a particularly challenging season require more than \$15,000 in aerial applications, it is hoped that surpluses will be available for carry-over. The 18% is to cover the extra staff, (outside of those covered in the Base Rate); three field staff are required for aerial supports. It is worth noting that in the 2022 season, radical fluctuations in helicopter costs resulted in excessive aerial treatment costs for MBL, creating a ~\$5,000 deficit for the company, which were subsidized with community grants from the Area D Director.

Bti Costs (Cost + 12%)

The costs for Operating Supplies is anticipated to remain close to what we have historically paid, with 2% adjustments for inflation.

Additional Crews - \$38/Ha, capped at \$5,000

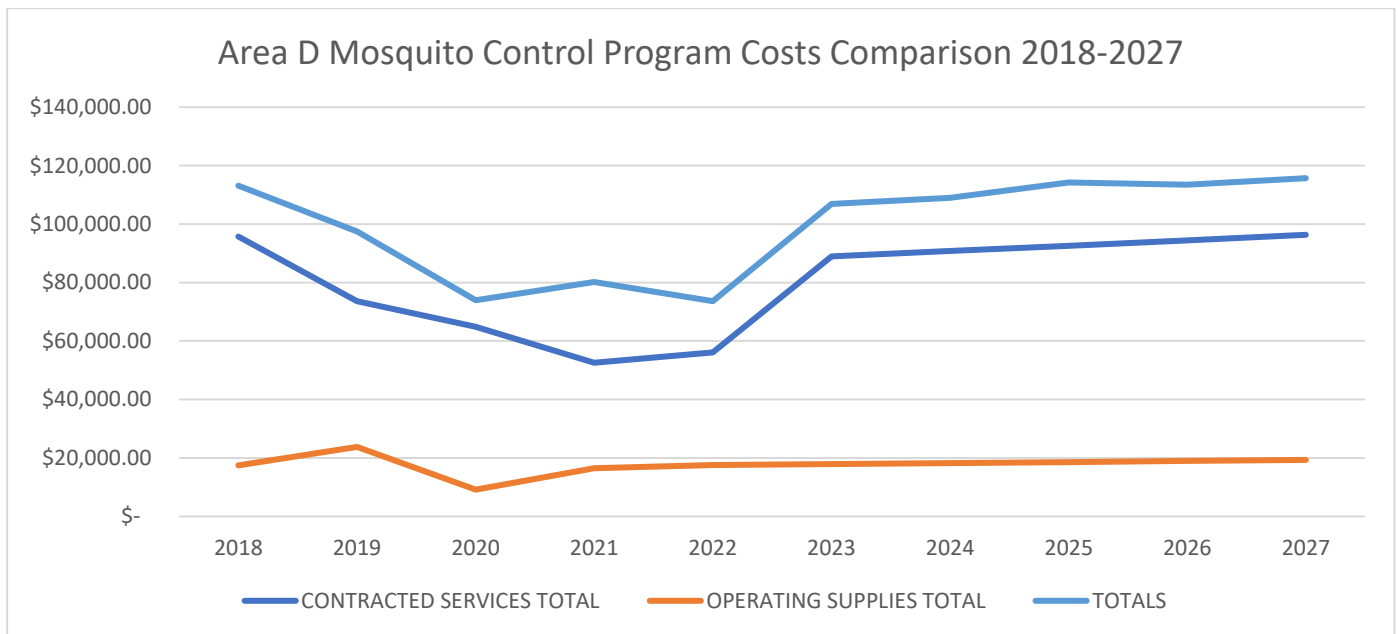
MBL proposes bringing in experienced crews from other regions, under the guidance of the company owner, to “front end load” ground applications early in the season and minimize helicopter dependence. Moving support ground crews from other MBL programs is typically easier and quicker to arrange than helicopters. MBL has highly trained and experienced field staff who mobilize to different regions as required; East Kootenay ground crews would provide the majority of additional coverage. The proposed base rate should cover most of these costs, however this proposed budget item of \$5,000 is intended to cover any overages experienced in higher demand seasons. Additional resources spent on larval treatments is an overall more efficient approach, as it typically reduces required aerial treatments.

The table and chart below provides a comparison summary between the 2018-2022 actual costs and the estimated 2023-2027 costs for Area D, based on the attached proposal from MBL.

2023 Mosquito Control Program Contract Renewal and Annual Reporting
RDCK Board– February 16, 2023

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Base Contracted Services	\$95,720	\$73,652	\$64,830	\$52,567	\$56,098	\$69,000	\$70,380	\$71,788	\$73,223	\$74,688
Additional Crews						\$ 5,000	\$ 5,100	\$ 5,202	\$ 5,306	\$ 5,412
Helicopters						\$15,000	\$15,300	\$15,606	\$15,918	\$16,236
Contracted Services Total	\$95,720	\$73,652	\$64,830	\$52,567	\$56,098	\$89,000	\$90,780	\$92,596	\$94,448	\$96,336
Operating Supplies Total	\$17,450	\$23,779	\$9,158	\$16,447	\$17,535	\$17,886	\$18,243	\$18,608	\$18,980	\$19,360
PMP				\$2,625				\$3,000		
Consulting				\$8,564						
TOTALS	\$113,170	\$97,431	\$73,988	\$80,203	\$73,633	\$106,866	\$109,023	\$114,204	\$113,428	\$115,697
5% Contingency						\$112,230	\$114,475	\$119,914	\$119,099	\$121,481.35

Grand Total of Five Year Contract, including 5% contingency = \$587,199, not including GST.



There are no proposed changes to the Pine Ridge Mosquito Control Program. The table below summarizes the proposed program costs, which starts with a 2% increase of the base rate paid in 2022, and successive 2% increases for each year of the contract.

	2023	2024	2025	2026	2027
Base Contracted Services	\$9,648	\$9,841	\$10,038	\$10,239	\$10,444
Base Price with 5% Contingency	\$10,131	\$10,333	\$10,540	\$10,751	\$10,966

3.2 Legislative Considerations (Applicable Policies and/or Bylaws):

Mosquito Control Services are provided by Morrow BioSciences Ltd. in accordance with the Ministry of Environment approved Pest Management Plan (PMP 2021-2026).

3.3 Environmental Considerations

N/A

3.4 Social Considerations:

N/A

3.5 Economic Considerations:

The proposed increased costs would make the program more expensive for Area D residents, however some of the price increases could be offset through grant dollars provided by the Area D Director.

3.6 Communication Considerations:

Virtual Town Hall Meeting will be offered to the affected residents in May of 2023 to discuss the MCP program, its challenges, strategies for the 2023 season, and receive feedback from the communities. There have been discussions with two long-term Area D local business operators who are supportive of the program, and have expressed their willingness to play a role in improving communication between the community and the service contractor through advocating for better cooperation with property owners, addressing misinformation, and providing feedback to the contractor on potential treatment areas identified by locals.

3.7 Staffing/Departmental Workplace Considerations:

N/A

3.8 Board Strategic Plan/Priorities Considerations:

Efforts to improve this service address the following strategic objectives of the RDCK Board:

- To Excel in Governance and Service Delivery
- To Strengthen our Relationships with our Community Partners
- To Adapt to Our Changing Climate and Mitigate Greenhouse Gas Emissions

SECTION 4: OPTIONS & PROS / CONS

Option 1: That the Board direct Staff to direct award a five year contract, between RDCK and Morrow BioSciences Ltd. for providing the Mosquito Control Program service in a Portion of Electoral Area D (Meadow Creek area, Service S184) and the Pineridge community (Service S185) between 2023-2027, not to exceed a total of \$587,199 (S184) and \$52,720 (S185) including 5% contingency and excluding GST, for the duration of the contract.

PROS:

- Morrow BioSciences Ltd. (MBL) have 21 years experience delivering mosquito control programs to many regions in the province, and have developed a specialized niche in delivering this service;
- MBL have demonstrated an ability to work effectively with RDCK Staff and provide quick responses in an unpredictable and quick-changing environment;
- The previous contract between RDCK and MBL was proving to be financially unsustainable for MBL, and did not include all of the actual costs;
- MBL have the relationships established within the community, local employees and own the proper equipment;
- MBL has begun a community engagement process with experienced locals to integrate historical knowledge in to current service delivery, improve community education, and encourage community;
- The increased contract costs would provide compensation for contractor time spent working directly with the community;
- MBL are based in the Kootenays (Rossland).

CONS:

- Putting the contract out to tender may result in a less expensive contract.

Option 2: That the Board direct Staff to issue a Request for Proposal for a five year contract for providing the Mosquito Control Program service in a Portion of Electoral Area D (Meadow Creek area, Service S184) and the Pineridge community (Service S185) between 2023-2027.

PROS:

- A competitive bid may present some cost-effective options for delivering the program.

CONS:

- Staff are not aware of another local company with experience and the assets to deliver a mosquito control program;
- A company based out of a larger urban area will not have the established relationships with the affected community;
- Issuing an RFP is a labour intensive process, which may not result in any viable competitors

SECTION 5: RECOMMENDATIONS

That the Board direct staff to prepare a five year contract, between RDCK and Morrow BioSciences Ltd. for providing the Mosquito Control Program service in a Portion of Electoral Area D (Meadow Creek area, Service S184) and the Pineridge community (Service S185) between 2023-2027, not to exceed a total of \$587,199 (S184) and \$52,720 (S185) including 5% contingency and excluding GST, for the duration of the contract.

Respectfully submitted,
Todd Johnston – Environmental Coordinator

CONCURRENCE

General Manager of Environmental Services – Uli Wolf
Chief Administrative Officer – Stuart Horn

Approved
Approved

ATTACHMENTS:

Attachment A: Morrow BioScience Ltd. Mosquito Control Program Proposal for 2023-2027 contract.
Attachment B: Morrow BioScience Ltd. Mosquito Control 2022 Year-End Report

Attention Todd Johnston,

We appreciate the offer of an additional 5 years of working in Meadow Creek. However, we would like to propose some changes to address challenges we've been facing with this program.

Morrow BioScience Ltd. (MBL) has been managing the mosquito control program at the north end of Kootenay Lake (Meadow Creek, Cooper Creek, Duncan) for many years. Increasing costs in insurance costs, helicopter rates, mileage rates, and pesticide costs, among many others, have pushed the operational costs higher each year.

MBL has also seen a higher level of misinformation guiding the decisions of residents. This is not a phenomenon that is specific to this program, unfortunately it is ubiquitous throughout all of our regions. The staff time required to address the misinformation has increased significantly.

Finally, climate change has accelerated, and combined with other factors has led to a much less predictable and chaotic hydrological regime. Where, historically, we could more-or-less count on, and plan for, a more predictable freshet, we are less able to do so. This increases our risk exposure when considering pre-season planning for pesticide supply and workforce levels.

To this end, the challenges and required effort has increased dramatically. In order to bring our efforts in line with the current program requirements, MBL offers this updated proposal.

MBL acknowledges that this represents a significant cost increase. However, in order to adjust to the current conditions and provide residents with the level of service expected, we feel that this is a proposal that considers the efforts required.

We have summarized, below in the table, the cost implications of our recommended changes. One very important factor to note is that, within a fairly short time frame, drones will come on line. This will help offset the treatment costs by reducing pesticide requirements and associated helicopter costs. We are currently waiting for the Province to determine what Pesticide Applicator Certification is to be required for conducting treatments by drone.

Please do not hesitate to reach out if clarification is required.

Sincerely,

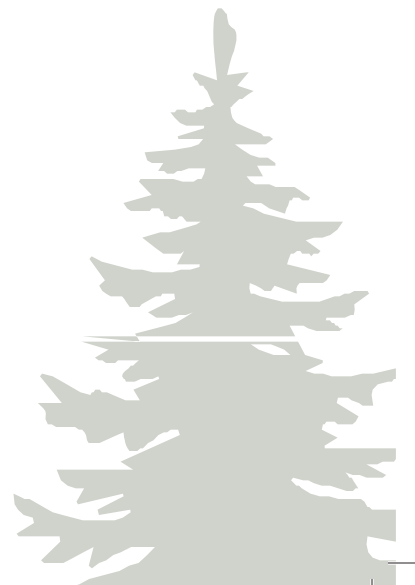
Dirk Lewis,
Owner, Morrow BioScience Ltd.
dirk@morrowbioscience.com
604.317.1413

	Proposed Contract	Comments
Base Rate Area D	\$69,000	Covers all primary field technicians (1 full time plus a part time and additional field and admin support from Phillip L. and Dirk L.). Does not cover helicopter costs.
Additional Crews	\$38/Ha; recommended anticipating a cap at \$5K	Experienced crews brought in from other programs under Dirk's guidance. Additional treatments to Terry/Phillip with intention of "front end loading" to minimize dependence on helicopters. More boots on the ground = higher visibility and in-person conversations with locals.
Ground Treatments	\$38/ha	Covers all treatments conducted by local staff.
Helicopters	Cost + 18%; recommended anticipating a cap at \$15K	Intention to minimize helicopter GHGs, disruption and maximize cheaper ground applications. No longer billed at a \$/ha rate. Will make planning and logistics simpler and more transparent.
BTI costs	Cost + 12%	Bti costs delivered for all treatment activities (ground and aerial)

**Regional District of Central Kootenay
Meadow Creek and Pine Ridge
Mosquito Control Program
2022 Year-End Report**



Prepared by: Morrow BioScience Ltd.
info@morrowbioscience.com
1-877-986-3363



Executive Summary

Morrow BioScience Ltd. (MBL) has now completed the fifth year of a five-year contract term as mosquito control contractors for the Meadow Creek and Pine Ridge program within the Regional District of Central Kootenay (RDCK). The mosquito control program reduces floodwater and snowmelt mosquito abundance within the program purview. Most control activity takes place along the Duncan River foreshore (below the Lardeau), along the Kootenay Lake foreshore, and at associated seepage sites.

In April, immediately preceding the mosquito monitoring season, the snowpack in the West Kootenay and Upper Columbia basins was higher than normal. The snowpack was augmented in April and May, with cooler-than-average temperatures leading to a freshet delay of 2-4 weeks. In late-May, a strong ridge of high-pressure within contributing basins largely initiated the greatest input of the 2022 freshet. Significant and consistent precipitation in May and June resulted in further amplified Duncan River and Kootenay Lake levels. Both variables contributed to the Duncan River peak on 6 June (3.265 m) and the Kootenay Lake peak on 15 June at 533.885 m. The 2022 Duncan River and Kootenay Lake peaks were the highest since 2018. The Duncan River peak was attenuated by the Duncan Dam. Despite this attenuation, high and sustained Duncan River and Kootenay Lake levels resulted in a compounded number of floodwater mosquito eggs that were triggered to hatch at peak levels. Thus, environmental conditions were optimal for floodwater mosquito development in 2022.

The total mosquito habitat treated by ground was approximately 95 ha. The total floodwater mosquito habitat treated by air was 673 ha (10, 29 June). More aerial treatments took place in 2022 due to extensive and ground-access challenged mosquito development sites at the head of the Kootenay Lake. At all known sites, efficacy was assessed as high. However, high river and lake levels can create micro-sites within debris and seepage areas which are difficult to identify and may have gone untreated. Additional reconnaissance around the confluence of the Duncan River and Kootenay Lake should be conducted in high-water years. Increased program inclusion consent from residents may allow for additional floodwater mosquito development area to be treated. A real-time monitoring and treatment data dashboard was provided to the RDCK program manager. When operational, the dashboard enabled the program manager to view up-to-date treatment information and ensure quality control.

The total concern call and email volume from residents was eight (six calls, two emails), which is a relatively high number for the program area. The timeline for annoyance reports coincides with the adult mosquito dispersal timeline following peak River and Lake levels. In the future, a stronger ground-based treatment program may help alleviate smaller pockets of larval mosquito development in high-water years. Additionally, direct communication with residents may help reduce container mosquito habitats around homes. These direct communications may include a door-knocking campaign to distribute information packets, a mail-out campaign facilitated by the RDCK, a field tour led by MBL biologists for residents to better understand potential mosquito habitat sites, and/or early-season attendance at the Lardeau Valley Sunday Market.

MBL staff were able to participate in a RDCK-facilitated open house pertaining to the mosquito program on 4 May. MBL staff discussed program objectives, a summary of the 2021 season and a projection of the 2022 season. The BCCDC has not reported human cases of West Nile virus or Zika virus yet. West Nile virus data are expected from the province in mid-December and will be provided to the RDCK Program Manager.

Season Highlights

- The 2022 peak Duncan River level at the gauge below the Lardeau occurred on 6 June at 3.265 m.
- The 2022 Duncan River peak was approximately 0.35 m higher than the 2021 peak and 0.37 m higher than the 2020 peak.
- The 2022 peak Kootenay Lake level at the Queens Bay gauge occurred on 15 June at 533.885 m.
- The 2022 Kootenay Lake peak was approximately 1.28 m higher than the 2021 peak and 0.46 m higher than the 2020 peak.
- On 1 April, the snowpack in the West Kootenay Basin and the Upper Columbia Basin were 101 and 115 percent of normal, respectively.
- La Nina weather patterns augmented the snowpack in contributing basins through May.
- The freshet was delayed by 2-4 weeks.
- Local precipitation accumulation for May and June combined was >40 mm above average.
- Peak River and Lake levels exceeded those since 2018.
- A compounded number of mosquito eggs left to hatch, the late freshet, and sustained high water levels led to high larval abundance in 2022.
- Two aerial campaigns were required within the Meadow Creek and Pine Ridge mosquito program purview.
- Floodwater mosquito habitat associated with the Duncan River and Kootenay Lake was aerially treated on 10 and 29 June.
- Total area treated by air was 673 ha (2,694 kg granular Aquabac®)
- Ground treatments at floodwater mosquito development sites in Meadow Creek were applied to 90 ha (361 kg granular Aquabac®)
- Ground treatments at snowmelt and permanent-water mosquito development sites in Pine Ridge were applied to 4.4 ha (17.5 kg).
- A total of 6 concern calls were received to the Mosquito Hotline in 2022.
- A total of 2 concern emails were received by MBL.
- Calls were received from 29 June – 14 July.
- The timeline for annoyance reports coincides with the adult mosquito dispersal timeline following peak River and Lake levels.
- MBL staff presented at the 2022 Town Hall event hosted by the RDCK on 4 May.
- The BCCDC has yet to provide an update on West Nile virus cases in the province, but a report is expected in mid-December. Relatively low levels of WNV activity were reported in Washington State and Idaho State following a cooler-than-normal spring and early summer.

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Appendix I. 2022 treatment data (kg, ha) by site and date for all ground (A) and aerial (B) treatments

Introduction

Morrow BioScience Ltd. (MBL) is the longest-operating mosquito control firm in British Columbia, having conducted mosquito control in this province for nearly four decades. MBL has been the mosquito control providers for Meadow Creek and Pine Ridge within the Regional District of Central Kootenay (RDCK) since 2000. In 2018, MBL started a renewed five (5) year contract; this season – 2022 – is the final year of the contract.

The considerable mosquito habitat, program reach, interannual regional river and lake peak variations, and influence of the Duncan Dam makes the Meadow Creek and Pine Ridge mosquito control program complex. However, throughout over two decades, MBL staff has acquired thorough knowledge of the program regarding site locations and effective treatment timing. In addition to the knowledge base, numerous improvements have been made to the program since its inception, including intensive site survey along Duncan River and Kootenay Lake floodplains, identification of new mosquito development sites, the addition of a real-time data collection and review portal, increased public engagement both through social media and in-person events, and improved environmental awareness through annual carbon offset purchases. MBL's goal is to continue to provide effective mosquito control to the Meadow Creek and Pine Ridge residents, while remaining socially and environmentally responsible.

Carbon Offsets

The spatial reach of the Meadow Creek and Pine Ridge mosquito control program is such that driving is an inevitable requirement. The accumulated mileage over the course of 2022 was approximately 11,200 km (ground transportation only).

As an estimation, the driving requirements for this program result in the production of approximately 2.54 tonnes of CO₂ emissions. To offset this addition of CO₂ to the environment, MBL has committed to purchasing carbon offsets. In fulfillment of this commitment, carbon offsets are purchased through the Neighbours United – formerly West West Kootenay EcoSociety¹. When the carbon offsets are purchased, a proof of purchase and certificate from the offset provider will be delivered to the RDCK.

Methodology

As large areas of the mosquito control program are within the Duncan River's and Kootenay Lake's floodplains, the primary targets of the Meadow Creek and Pine Ridge mosquito control program are floodwater mosquito larvae. Female floodwater mosquitoes (e.g., *Aedes vexans*, *Ae. sticticus*) deposit their eggs on damp substrate that experiences interannual flooding. Within the program purview, floodwater mosquito development sites

¹ <https://neighboursunited.org>
www.morrowbioscience.com

primarily exist along the flooding corridor of the Lower Duncan River and Kootenay Lake, including associated seepage sites. When water floods these sites, due to the freshet and/or significant localized precipitation, the result is large-scale floodwater mosquito egg hatching. If more than one season has passed between high-water years, then high river and lake levels may trigger a compounded number of mosquito eggs to hatch, resulting in a compounded number of mosquito larvae. While study results vary, Breeland and Pickard (1967) estimate that *Aedes vexans* eggs can remain viable for up to four (4) years while they await environmental hatching cues.

MBL field technicians began monitoring floodwater mosquito development sites within the program purview prior to consistently increasing regional Duncan River and Kootenay Lake levels. Consequently, the 2022 mosquito-monitoring season started in mid-April as regional temperatures began to slowly increase and the local snow started to show signs of melting. At the height of the mosquito season, MBL staff may monitor highly productive sites multiple times a week. Adaptive management techniques allow MBL staff to most accurately time treatments, if necessary. Prescribed monitoring methods increase the risk of missing optimal treatment windows due to potential accelerated mosquito development rates with rising temperatures (Read and Moon 1996). Hence, as regional river levels, lake levels, and ambient temperatures begin to rise consistently, monitoring efforts increase accordingly.



Image 1. Standard dip (350 ml) with 3rd and 4th instar floodwater mosquito larvae.

Larval mosquitoes in sufficient number (i.e., >4/dip; Image 1) are treated by applications of a microbial larvicide product, Aquabac®. This product has the active ingredient *Bacillus thuringiensis* var. *israelensis* (Bti). In 2022, only the granular formulations of Aquabac® was used, which is carried on a corncob mixture. The mode of action is relatively simple and with a high degree of target species specificity. Receptors within the mid-gut region of the mosquito larvae are compatible with the toxin proteins that are produced alongside each bacterial spore. After the mosquito larvae ingest the toxin protein, disruption of the larval mid-gut cells occurs. This event causes damage to the wall of the gut and quickly leads to larval death (Boisvert and Boisvert 2000).

As the season progresses and more mosquito eggs are triggered to hatch, it becomes increasingly difficult to treat sites in a timely manner by ground due to access challenges and concurrent site activation. At this point, a helicopter is used to

conduct aerial treatments. Aerial treatment campaigns use the same pesticide as ground applications, although typically with a higher application rate to permeate canopy cover.

Treatments are timed to target the 3rd and 4th larval instars. If treatments are applied too early, the larvae will not have reached their highest feeding rate yet and may not ingest the Bti spore. If applied too late, the larvae molt into pupae (i.e., non-feeding stage). Both circumstances may result in the development of adult mosquitoes. Additionally, by waiting until mosquito larvae are in the 3rd and early 4th instar stages, early instar larvae are available as food sources in the ecosystem.

Sites are treated when a standard dip (350ml) collects >4 late instar (3rd or 4th instar) larvae per dip. When flooding commences and ambient temperatures rise, many dips easily exceed this threshold. Larval densities within the range of 200-500 per dip are commonly detected (Image 1). All sites are checked within one or two days of the initial treatment to ensure treatment efficacy. If necessary, touch-up treatments are conducted.

Environmental Conditions

The three primary environmental conditions that affect Duncan River and Kootenay Lake levels throughout the mosquito season (i.e., April – August) are: 1) ambient temperature in the West Kootenay Basin and Upper Columbia Basin, contributing to the Duncan River and Kootenay Lake, 2) snowpack in the West Kootenay Basin and Upper Columbia Basin, and 3) local precipitation. Local ambient temperature is also of interest due primarily to the effect local ambient temperature can have on mosquito egg hatching and development rates. As such, all noted conditions are tracked throughout the season.

Snowpack

Floodwater mosquito abundance within Meadow Creek is primarily governed by regional Duncan River (Below Lardeau River gauge; 08NH118) and Kootenay Lake (Queens Bay gauge; 08NH064) water levels. In turn, the water levels of those systems are largely determined by the freshet released from the West Kootenay Basin and, to a lesser degree, the Upper Columbia Basin. When snowpack exceeds 100 percent of normal immediately prior to the springtime snowmelt, higher-than-average Duncan River and Kootenay Lake levels are expected during the mosquito season. Duncan Dam freshet attenuation dampens and alters the normal Duncan River level trend.

On April 1, immediately preceding the 2022 Meadow Creek and Pine Ridge mosquito monitoring season, the snowpack within the West Kootenay Basin and Upper Columbia Basin was 101 and 115 percent of normal, respectively². The greater-than-normal snowpack was likely a result of the impacts of the La Nina weather pattern that was in place during the spring of 2022. As is consistent with La Nina weather patterns in British Columbia, unstable weather within influential basins throughout April and most of May resulted in considerable snowpack augmentation through the spring. Throughout most of the province, unstable conditions coincided with cooler-than-average ambient temperatures across the province in April and the majority of May, which led to a delayed freshet. A

² <https://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/river-forecast/2022.pdf>

short-lived ridge of high pressure in early May resulted in the initial pulse of the freshet in most provincial rivers. Subsequent weather patterns slowed the freshet and further augmented snowpack until late-May.

Snow survey stations throughout the West Kootenay Basin and Upper Columbia Basin provide a more refined perspective of regional snowmelt trends. The East Creek snow survey station (ID: 2D08P) reflects weather trends in the West Kootenay Basin and serves as a representative site for the regional snowmelt trajectory of high-elevation snowpack (2,030 m; Figure 1). Notably, snowpack increased through April. Low and some middle elevation snowpack melted in early-May. This point of regional low-elevation snowpack reduction is reflected in the spike in Duncan River levels. Snowpack augmentation at the East Creek snow survey station continued through late-May (Figure 1). The trend in visible snowpack reduction started in late-May, approximately 3 weeks later than normal (Figure 1). Warmer weather in the first half of June resulted in the consistent depletion of most middle and high elevation snowpack in the East Creek snow survey station³. This trend is consistent with other high elevation snow survey station data throughout the influential basins.

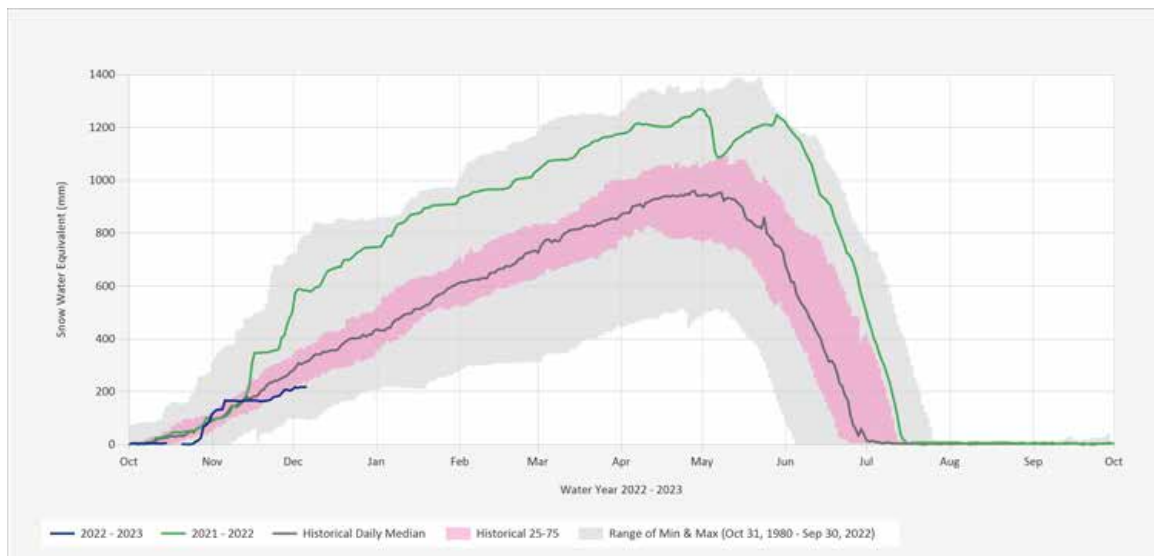


Figure 1. Snow Water Equivalent (SWE; mm) data from the East Creek snow survey (station ID: 2D08P) within the West Kootenay Basin (2021-2022 data represented by green line).

In normal years, by 15 June most of the snowpack has melted within Duncan River and Kootenay Lake-associated basins. However, despite warming ambient temperatures in those basins during early June, snowpack was still relatively high through mid-June. The 15 June snow basin indices for the West Kootenay and Upper Columbia basins were 215 and 212 percent of normal, respectively⁴. These relatively high values reflect the abnormality of snow remaining in those basins in mid-June. Warming ambient temperatures within influential snow basins continued through June and July, leading to the depletion of snowpack by mid-July.

³ <https://governmentofbc.maps.arcgis.com/apps/webappviewer/index.html?id=c15768bf73494f5da04b1aac6793bd2e>

Generally, the snowpack remained within the West Kootenay and Upper Columbia basins for approximately 2-3 weeks longer than normal. The late-season input of water to the Duncan River and Kootenay Lake impacted the length and intensity of the mosquito control season within Meadow Creek and Pine Ridge. The 2022 Duncan River freshet was set apart in two ways: 1) the greater than average snowpack within associated basins and 2) the prolonged snowmelt. Both features led to higher-than-normal and sustained Duncan River levels through late-July, when increased mosquito egg hatching cues were more abundant within the program purview. Of note, this sustained high water level occurred despite Duncan Dam attenuation, although the natural peak of the Duncan River would've been considerably higher in mid-June without the attenuation.

Local Precipitation

Substantial temporally and spatially concentrated precipitation accumulation may elevate Duncan River levels and increase seepage site levels. Tracking local precipitation accumulation can aid MBL field staff in determining how long mosquito development sites may require management. The Nelson Rixen Creek weather station (ID: 114EMDM) provides weather information allowing for interannual comparison of environmental conditions. This comparison facilitates some level of prediction regarding larval mosquito hatching and treatment timing requirements. When more than average precipitation is received within peak hatching months, seepage site levels may be created, be higher or sustained for longer. All scenarios may lead to additional floodwater mosquito egg hatches.

Precipitation received to the Nelson Rixen Creek weather station in April was lower-than-average (Figure 2). It is unlikely that local precipitation impacted target mosquito development in April due to a relatively low input and the lack of additional hatching cues. Local precipitation in May and in June was higher-than-average in 2022. The high precipitation values noted in May and June are consistent with the low-pressure systems typical of La Nina weather patterns in the southern part of the province. Together, the precipitation received in May and June was approximately 40 mm higher than the average sum of the two months. Given that a considerable amount of precipitation was received during the Duncan River freshet, it is likely that precipitation augmented river levels above those that would have been observed due to the freshet alone.

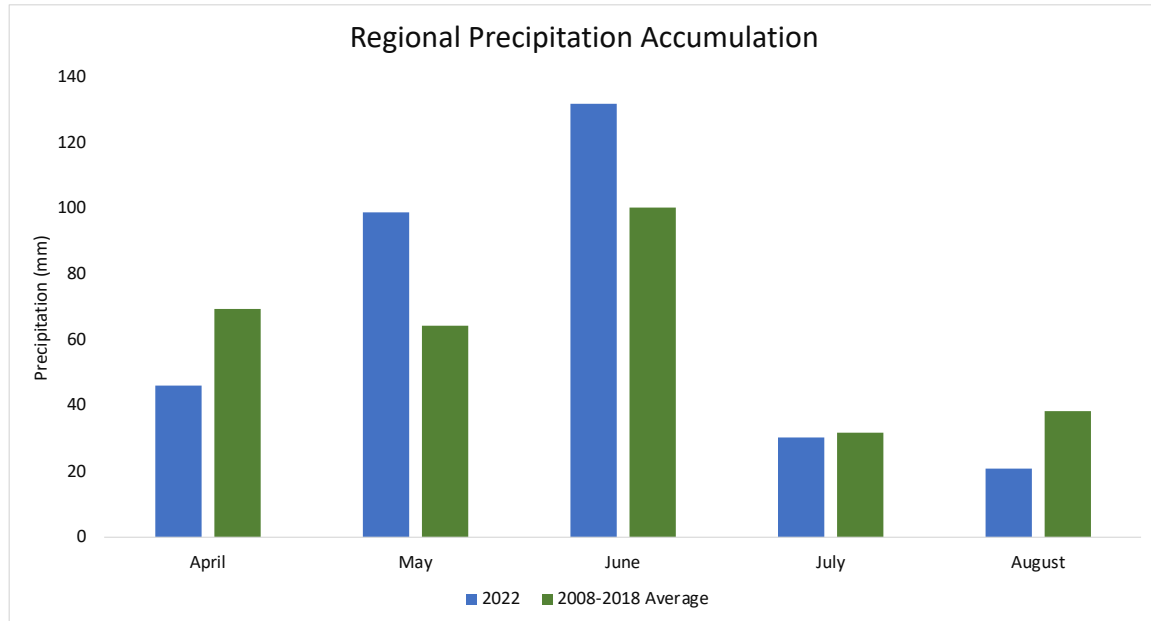


Figure 2. Precipitation values (rainfall and snow accumulation; mm) recorded at the Nelson Rixen Creek weather gauge (ID: 114EMDM) for 01 April – 31 August 2022 (blue) and average station precipitation values (2008-2018; green).

Relatively little precipitation accumulated in July at the Nelson Rixen Creek weather station (Figure 2). The recorded amount of precipitation in July 2022 was only slightly lower than the station's July average. However, a measurable rain event occurred over 3 and 4 July which likely sustained seepage sites associated with the Duncan River and Kootenay Lake beyond normal.

August precipitation was also lower than average (Figure 2). Thus, it is unlikely that precipitation received to the region in the latter half of July through August augmented mosquito development sites. Of note, precipitation received in August was of little consequence to the Duncan River and Kootenay Lake levels and associated mosquito development sites. At that point in the season the univoltine floodwater mosquito species had already hatched. However, it's possible that precipitation received in July and August created habitat for container mosquito species to reproduce. Thus, adult mosquito presence toward the end of the season was likely due to mosquito development from these sites, not floodwater mosquito species in certain areas.

Ambient Temperature

Local ambient temperature and ambient temperature within the Duncan River-associated basins are important variables to track. Local ambient temperature fluctuations from April through August can affect mosquito egg hatching, larval development rates, adult dispersal, and adult survival within Meadow Creek and Pine Ridge mosquito development habitat. Within contributing snow basins, ambient temperature dictates the commencement and often the intensity of the freshet, which directly impacts floodwater mosquito development habitat.

West Kootenay and Upper Columbia Basin Temperatures

The 2022 mosquito monitoring season began in April with below-average ambient temperatures within most basins contributing to the Duncan River. The weather in April was unstable across much of the province⁴, with ambient temperatures ranging from 4.5°C - 1.5°C below average. Similarly, ambient temperatures across the province in May were 3°C – 0.5°C below average⁵.

Although two short-lived, high-pressure systems occurred in early May and toward the end of May, temperatures remained relatively low and didn't result in the normal extent of snowmelt. The first significant spike in ambient temperature occurred in late-May⁶. The spike caused low and some middle-elevation snowmelt within the Duncan River watershed and the consistent rise of the Duncan River and Kootenay Lake levels. Following the brief spike in ambient temperature, the weather within contributing basins returned to an unstable state for most of June. However, the fluctuating ambient temperatures were sufficient to lead to the slow release of remaining middle-elevation snowmelt, which resulted in the 2022 peak for both the Duncan River and Kootenay Lake on 6 and 15 June, respectively.

A strong high-pressure ridge was in place over most of the province during the last week of June. This warming stint led to the depletion of high-elevation snowpack within the basins affecting the Duncan River. Ambient temperatures continued to rise through July and August. However, after the depletion of the Duncan River-associated snowpack, ambient temperatures within those basins does not typically impact floodwater mosquito habitat within the program purview. Ambient temperature data are consistent with 2022 automated snow station data depicting snowmelt points correlating with regional ambient temperature spikes⁷.

Local temperatures

Local ambient temperature is a predictive tool when gauging floodwater egg hatch commencement. If the ground proximate to the Duncan River and Kootenay Lake contains floodwater mosquito eggs and if hatching conditions are present (i.e., low dissolved oxygen, higher ambient temperatures), then floodwater mosquito egg hatching will commence (Mohammad and Chadee 2011). Local ambient temperature data are acquired from the Nelson Rixen Creek weather station (ID: 114EMDM).

To illustrate the effect of ambient temperature on floodwater mosquito egg hatching events, Trpis and Horsfall (1969) exposed submerged eggs of a common univoltine floodwater mosquito species, *Aedes sticticus*, to various constant air temperatures and recorded hatching success. Results revealed that eggs began to hatch at 8°C, although larval development was slow and survivorship was low. Eggs held at 21°C provided the optimal

⁴ https://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/river-forecast/2022_may1.pdf

⁵ https://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/river-forecast/2022_june1.pdf

⁶ https://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/river-forecast/2022_june15.pdf

⁷ <https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-science-data/water-data-tools/snow-survey-data/automated-snow-weather-station-data>

temperature, of the five temperatures tested, for hatching and larval development (Figure 3). While *Ae. sticticus* is not the sole floodwater species present in the Meadow Creek and Pine Ridge areas, it serves as a representative species for our purposes and provides general developmental benchmarks.

Local ambient temperature also impacts snowmelt mosquitoes. Snowmelt mosquito eggs hatch earlier than floodwater mosquito eggs. Certain snowmelt mosquito species begin to hatch at a water temperature of approximately 4°C and can complete development to adult emergence at 10°C (Kardatzke 1979, Clements 1992). Thus, snowmelt mosquito eggs laid along the mountain bench area were triggered to hatch in April as sites began to show initial melting (Figure 3). Of note, Figure 3 shows ambient temperature, not water temperature. The delay in realized water temperature is likely a few days in relatively small, shallow sites, such as the majority of snowmelt-influenced sites found in along the mountain benches in Meadow Creek.

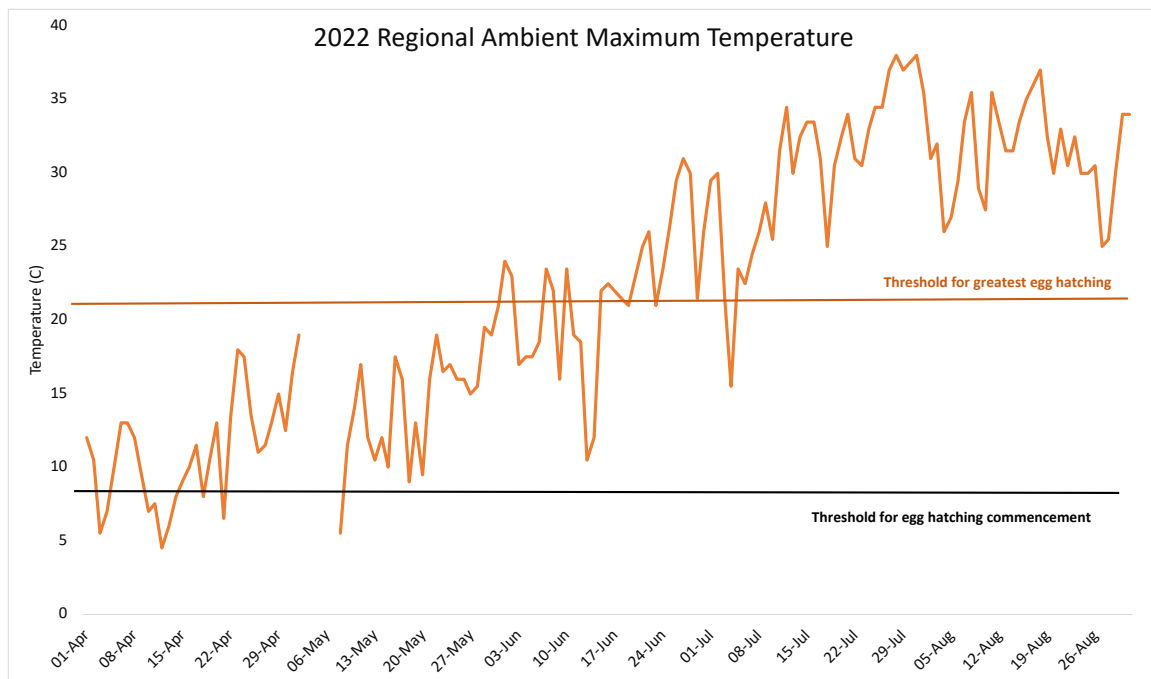


Figure 3. Maximum daily ambient temperatures (C) as recorded at the Nelson Rixen Weather Station (ID: 114EMDM) 01 April – 31 August 2022. Lower black line illustrates threshold at which *Ae. sticticus* eggs can commence hatching; upper orange line illustrates threshold at which most *Ae. sticticus* eggs hatch.

Within the program purview the 2022 season began with lower-than-average ambient temperatures for April. The monthly average for April (10.7 °C) was 3.1°C lower than the historical station average for April (i.e., 13.8°C). Given that April temperatures frequently dropped below the lower temperature bound for successful floodwater mosquito egg hatching, floodwater mosquito eggs within the program purview were not likely triggered to hatch within April if exposed to flooding conditions (Figure 3). If mosquito eggs were exposed to water during this month, the larval development at cooler temperatures would have been slow and survivorship likely low (Trpis and Horsfall 1969).

Local ambient temperatures in May were relatively warmer and within the temperature range for favorable larval development conditions for target mosquito species (Figure 3). The average maximum daily temperature for May was 14.8°C, approximately 6°C lower than the historical station average. Mosquito egg hatching and larval development rates increased within May, although larval development was still notably slower than normal for that point in the season. Appropriately, larval mosquito treatments increased in mid-May as local ambient temperatures approached the upper bounds of temperatures associated with higher floodwater mosquito hatching success rates (Figure 3).

Ambient temperatures in June were higher than May temperatures and provided sufficient hatching cues for all floodwater mosquito eggs exposed to water. Ambient temperatures in early-June were closer to normal, followed by a cooler weather system in mid-June. Although local ambient temperatures cooled in mid-June, other environmental conditions combined with fair temperature cues allowed for large-scale mosquito hatching events. A stint of warm weather occurred in late June and into early July, which contributed additional strong mosquito hatching cues. This stint of warm weather also corresponded with high Duncan River and Kootenay Lake levels. When river and lake levels are high during periods of higher heat, the result is large-scale mosquito egg hatching events and increased larval development rates. Therefore, because considerable floodwater development sites were still high in late-June and early July, the need to treat mosquito larvae during those times was directly associated with ambient temperature.

As predicted by the Temperature and Precipitation Probabilistic Forecasts for Canada, July and August ambient temperatures were higher than average. Local daily maximum ambient temperatures were 2°C and 3°C above normal for July and August, respectively. Because the freshet was delayed by 2-4 weeks, there was still considerable floodwater mosquito habitat and activity through July. Warming weather coupled with sufficient habitat farther into the summer meant that floodwater mosquito treatments were required for longer than normal in 2022. High ambient temperatures, such as those noted in later July and August, increase the lifecycle of adult mosquitoes (Ciota et al. 2014). Thus, any mosquitoes that successfully emerged would have had a reduced lifespan with the heightened ambient temperatures into late August (Figure 3).

While not a target of the Meadow Creek and Pine Ridge mosquito control program, container mosquito abundance typically increases in July and August. Container mosquito habitats near residential homes can be created throughout warmer summer months whenever is allowed to collect somewhere and is accompanied by high ambient temperatures. MBL technicians regularly inform residents that container-bred mosquitoes can be reduced around homes by ensuring that conducive environments (i.e., bird baths, kiddie pools, flowerpot holders, etc.) are either free of water or refreshed frequently.

River and Lake Levels

Within the Meadow Creek area, floodwater mosquito development sites primarily exist along the flooding corridor of the Duncan River (Below Lardeau River gauge, ID: 08NH118) and Kootenay Lake (Queens Bay gauge, ID:08NH064), including associated seepage sites. The presence of cool water is a hatching cue and, thus, tracking regional river and lake levels provides predictive capabilities with regards to floodwater mosquito hatching and larval development.

The Duncan River levels increased in early-May due to the first small pulse of the freshet from the West Kootenay Basin and, to a lesser extent, from the Upper Columbia Basin. Snowpack augmentation occurred until late-May, resulting in low input to the regional River and Lake systems. However, a spike in ambient temperature in late-May coupled with significant regional precipitation occurred in May and June resulted in high Duncan River and Kootenay Lake levels beginning in late-May. The continued provincial warming trend into early-June led to the Duncan River peak on 6 June (3.265 m) and the Kootenay Lake peak on 15 June at 533.885 m (Figure 4). Of note, it is likely that the Duncan Dam attenuated Duncan River water such that the noted River peak was artificially low. The Duncan Dam did not release any water from 11 June – 13 July (Figure 4).

The West Kootenay Basin and Upper Columbia Basin snowpack was depleted over a month later than the noted peaks of both the Duncan River and Kootenay Lake. Thus, the continual input from the regional snowmelt was contributing to relatively high-water levels after the peaks, sustaining those water levels for longer than normal. High regional precipitation through 4 July also prolonged floodwater mosquito development site occurrence and may have expanded seepage sites. The Duncan Dam released a considerable amount of water beginning on 13 July, with fluctuating releases occurring through August. These pulses of water to the Duncan River also led to extended high-water of the Duncan River through August.

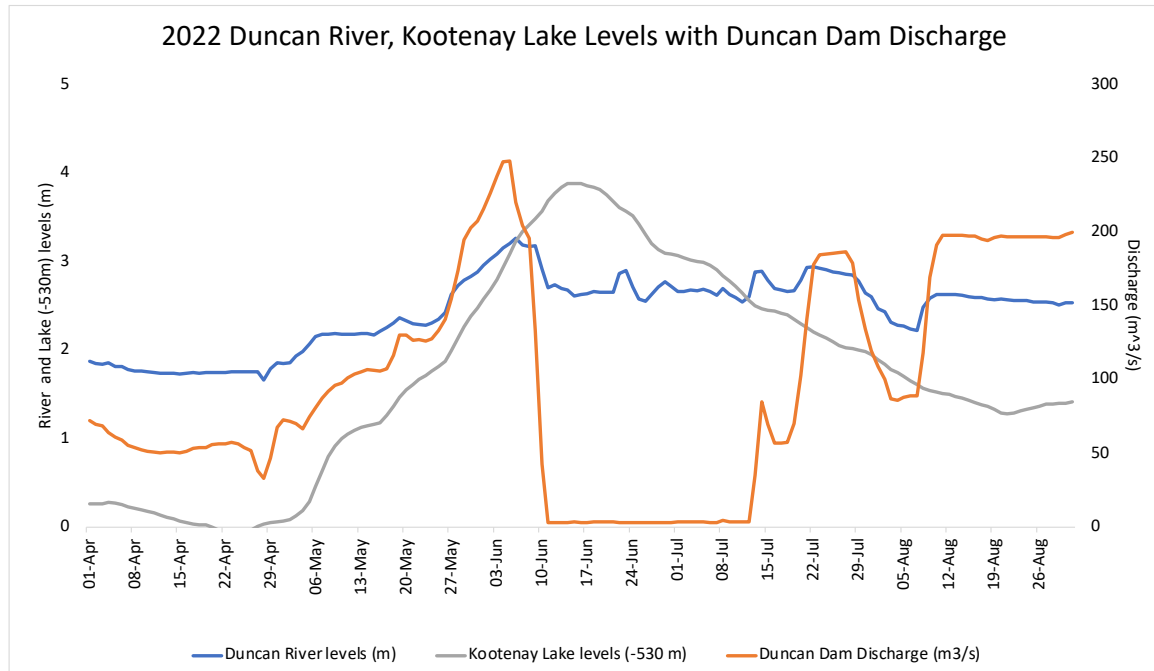


Figure 4. 2022 water levels (m) as recorded for the Duncan River (Below Lardeau gauge, 08NH118; Blue) and Kootenay Lake (Queens Bay gauge, 08NH064; grey). Note that 530 is subtracted from Kootenay Lake levels for ease of trend comparison. Duncan Dam (DDM – Duncan) average daily discharge (m³/s) as reported by BCHydro. All data reported from 1 April – 31 August 2022.

Regional River and Lake peaks relative to those of recent seasons is a predictive variable that may help explain an associated year's larval abundance. If the current year's regional River or Lake levels far exceed those of the preceding season, mosquito eggs laid between the high-water mark of both years could have remained dormant until current-year flood waters trigger their hatching. Figure 5 shows the Duncan River's levels since 2020. Figure 6 shows Kootenay Lake levels since 2020. The 2022 season was considered a high-water year. The 2022 peak of the local Duncan River was 0.35 m higher than the 2021 peak and 0.37 m higher than the 2020 peak (Figure 5). Similarly, the 2022 peak of the local Kootenay Lake was approximately 1.28 m higher than the 2021 peak and 0.46 m higher than the 2020 peak (Figure 6). Duncan River and Kootenay Lake peaks had not been as high since 2018. Given the relative peak water levels between 2020, 2021, and 2022 it is likely that the 2022 peak Duncan River and Kootenay Lake levels triggered dormant eggs to hatch. As such, a higher-than-average larval abundance was noted in 2022.

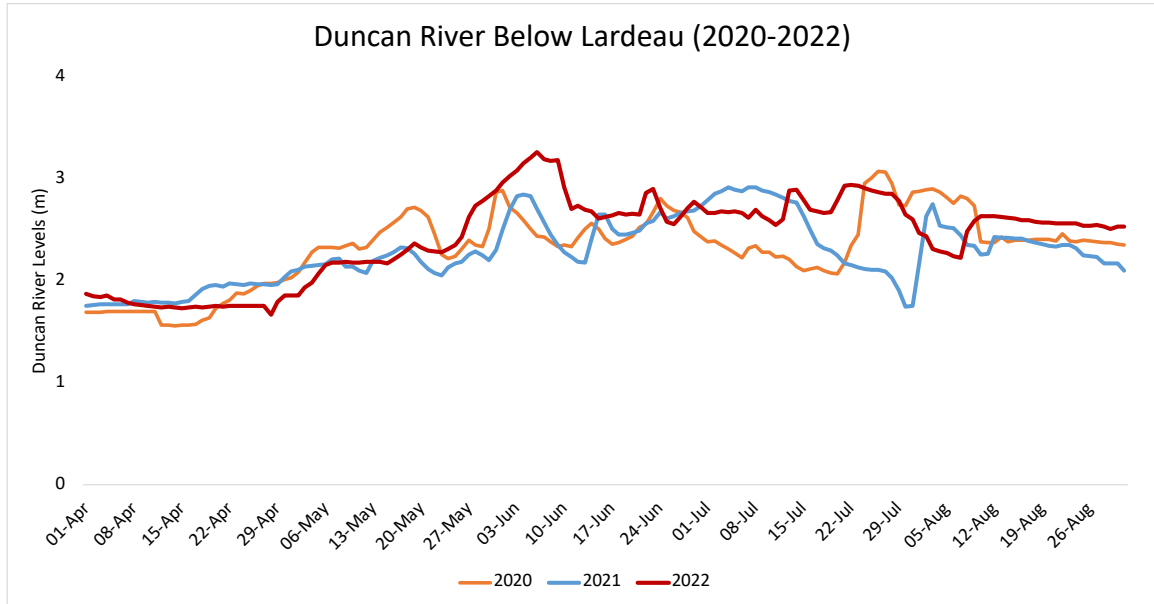


Figure 5. 2022 river levels (m) as recorded at the Duncan River (Below Lardeau gauge, 08NH118; red) with recent River levels, as reported by the River Forecast Centre (01 April – 31 August).

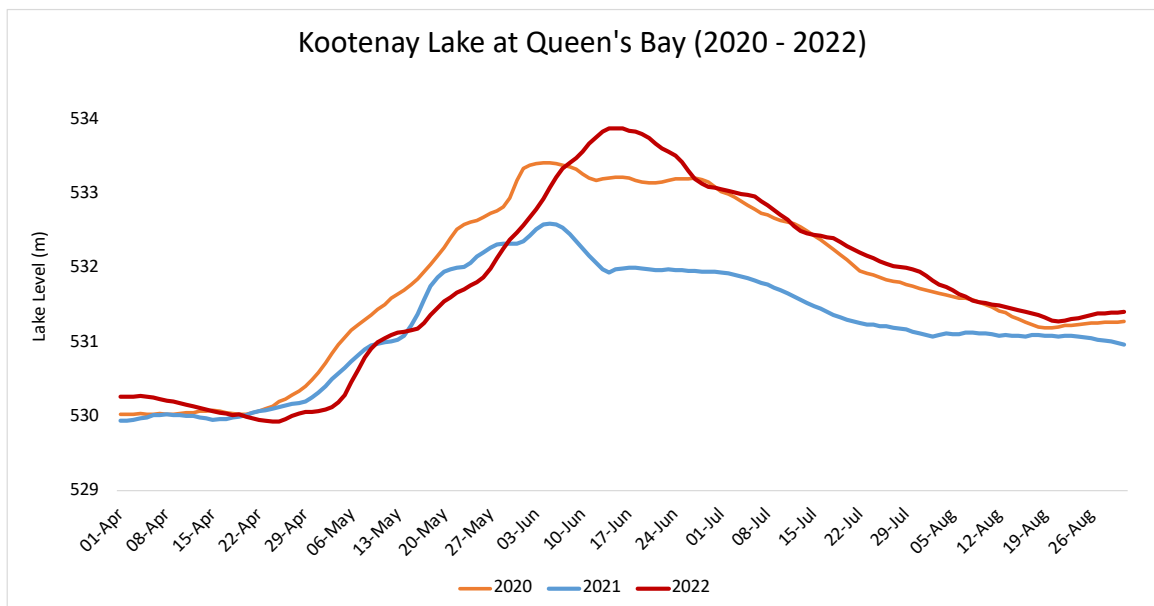


Figure 6. 2022 Kootenay Lake levels (m) as recorded at Queens Bay gauge (08NH064; red) with recent Lake levels, as reported by the River Forecast Centre (01 April – 31 August).

In the prime floodwater mosquito development period (i.e., April – June), both the Duncan River and Kootenay Lake rose at normal daily rates. When the water levels rise in this manner, floodwater mosquito eggs laid on substrates at various levels have optimal environmental hatching cues. When River and Lake levels rise at high rates in the early portion of the season, the typically cool, highly oxygenated water moving through the system makes it more challenging for mosquito eggs to hatch.

By mid-July 2022, the West Kootenay Basin and Upper Columbia Basin were largely depleted of snow⁸. This depletion corresponds with a slow decline in the Kootenay Lake water levels into mid-August (Figures 4, 6). Duncan River levels decreased slowly into August following the continuous discharge from the Duncan Dam (Figures 4, 5).

Larval Control

Monitoring within the Meadow Creek and Pine Ridge program began in mid-April, primarily at snowmelt sites in Pine Ridge. Floodwater sites were monitored beginning approximately a week later than snowmelt sites. Although most of the floodwater mosquito development sites are not active until the Duncan River (below Lardeau) levels and Kootenay Lake levels exceed winter levels, sites were monitored beginning in April to evaluate site conditions and catch the leading edge of any potential hatching events that resulted from the considerable precipitation received in April. The relatively warmer ambient temperatures coincided with increased monitoring and larval mosquito treatments in mid-May.

Unfortunately, the real-time data collection platform used by MBL was not working correctly for this program until July. This challenge and other technological issues led to relatively few electronic data records being collected. Hand-written records were kept and are included in Appendix I. The areas with highest recorded larval abundance and associated treatment needs sites are located along the Duncan River, Meadow Creek, and Marblehead areas.

Higher and sustained Duncan River and Kootenay Lake levels resulted in the need for more treatments in 2022. A total of approximately 768 ha (3,072 kg) were treated within the Meadow Creek and Pine Ridge mosquito control program in 2022. For comparison, MBL has treated approximately 100 fewer hectares in 2022 than in 2021. No known sites were missed in ground-based or aerial treatment efforts although it is possible that there is unidentified floodwater mosquito habitat in high-water years at the head of the lake. Additional reconnaissance at the head of Kootenay Lake and ground-based treatments should occur in future high-water years.

Ground Application Summary

Floodwater mosquito development sites within Meadow Creek and Pine Ridge are visited on a weekly basis unless conditions required more frequent monitoring (i.e., peak Duncan River and Kootenay Lake levels, ambient temperatures > 20°C, large precipitation event). Sites are treated when a standard dip (350ml) collects 5 or more late instar (3rd or 4th instar) larvae per dip. All sites are checked within two days of the initial treatment to ensure high treatment efficacy. If necessary, touch-up treatments are conducted.

The first snowmelt mosquito development site was treated in Meadow Creek by ground on 5 May (Figure 7). Snowmelt development site treatments were clustered between 5 – 13.

⁸ <http://bcrcf.env.gov.bc.ca/data/asp/realtime/>

Floodwater mosquito habitat required treatment beginning on 24 May. Floodwater sites were treated in response to consistently increasing Kootenay Lake and Duncan River levels. Due to the prolonged high-water state in 2022, smaller scale treatments continued until 25 July (Figures 7). Ground treatments in Pine Ridge took place between 15 and 31 May (Figure 8). Ground treatments in Pine Ridge were more associated with the ambient temperatures creating snowmelt mosquito habitats in mid-May and at permanent water mosquito development sites in late-May. All known sites were wet this season.

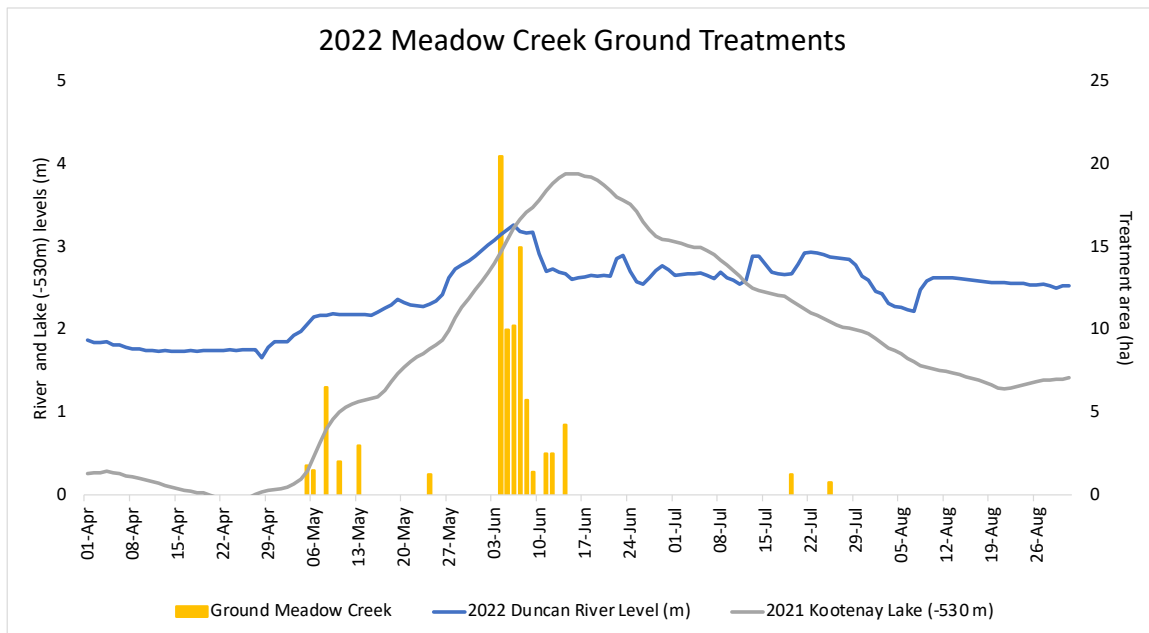


Figure 7. Duncan River levels (m; Below Lardeau gauge) and Kootenay Lake (m; Queens Bay gauge) with total mosquito development area treated by ground (ha) from 1 April – 31 August 2022 for Meadow Creek. Note ground treatments (ha) are recorded on the alternate y-axis.

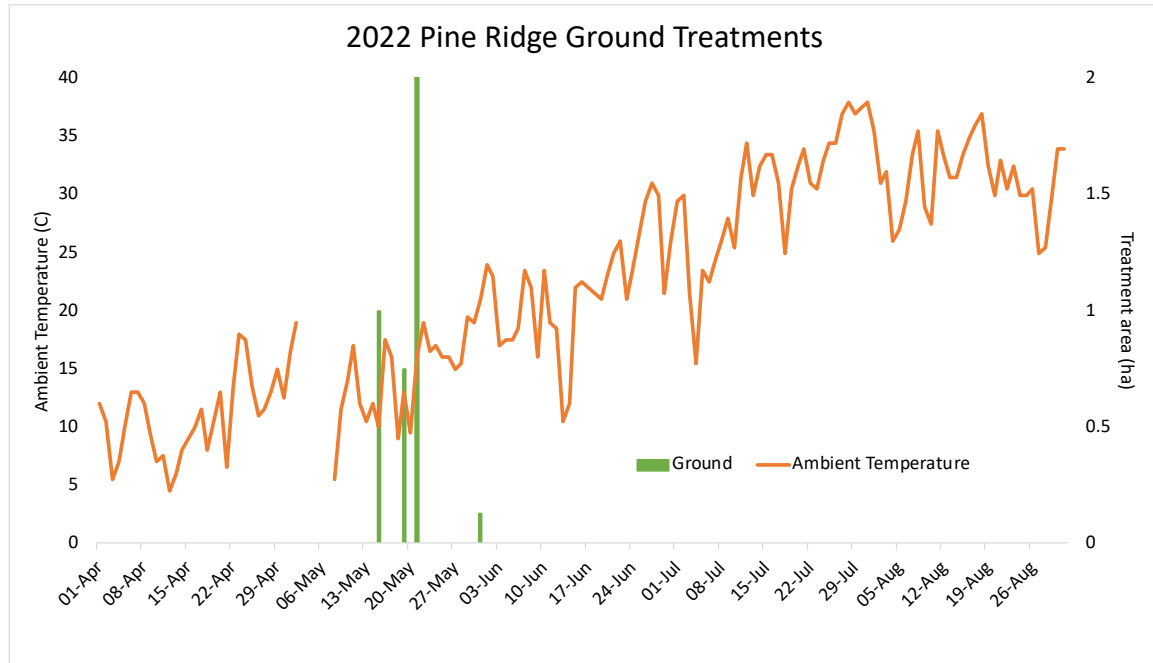


Figure 8. Daily high ambient temperature (C°; Nelson Rixen weather station) with total mosquito development area treated by ground (ha) from 1 April – 31 August 2022 for Pine Ridge. Note ground treatments (ha) are recorded on the alternate y-axis.

Aquabac® (a.i., *Bacillus thuringiensis* var. *israelensis* (BTI)) is the product used for all larval mosquito treatments conducted by MBL. Bti has high target specificity and achieves 95% - 100% efficacy in typical field conditions (Aquabac® Mosquito Biolarvicide - Technical Bulletin). Within the Meadow Creek and Pine Ridge's highly organic water conditions at floodwater sites, MBL staff note an average field efficacy rate of approximately 85%-90%. The granular formulation was used in 2022. Certain sites in the Meadow Creek and Pine Ridge require a ground application rate of 6 kg/ha, although the majority require 4 kg/ha.

The total area treated by ground in Meadow Creek was approximately 90.1 ha (360.5 kg) and the total area treated in Pine Ridge was approximately 4.3 ha (17.5 kg) (Tables 1, 2). For a high-water year, this total is relatively low. Numerous properties have opted out of the mosquito control program. This means that fewer areas are available to treat and the untreated areas may result in increased adult floodwater mosquito production. A lower ground-based treatment total in Meadow Creek is also due to the high and sustained Duncan River and Kootenay Lake levels making ground-based site access more challenging. If sites are inaccessible by ground, they are included in aerial treatment campaigns. Real-time data associated with each treatment are available through MBL's client-registered, real-time program portal.

Table 1. 2022 treated area (ha) by method (i.e., ground vs. aerial) and month from April – August for Meadow Creek.

	April	May	June	July	August
Ground (ha)	0	16.0	72.1	2.0	0
Aerial (ha)	0	0	673.4	0	0
TOTAL	0	16.0	745.5	2.0	0

Treatments in Pine Ridge are relatively low in comparison to those required in Meadow Creek. The reduction in floodwater mosquito habitat and lower number of snowmelt mosquito development sites creates a reduced need for treatment. This season resulted in an average treatment requirement; Pine Ridge treatments in most years amount to approximately 4 ha (Table 2). No known sites were missed and no new sites were identified in Pine Ridge.

Table 2. 2022 treated area (ha) by method (i.e., ground vs. aerial) and month from April – August for Pine Ridge.

	April	May	June	July	August
Ground (ha)	0	4.4	0	0	0
Aerial (ha)	0	0	0	0	0
TOTAL	0	4.4	0	0	0

Aerial Application Summary

Floodwater mosquito development sites are treated by air when multiple large-scale sites become active at once and/or when site-access by ground is unsafe. Two aerial campaigns were required within the Meadow Creek area in 2022. Treatments took place on 10 and 29 June (Figure 9). For comparison, one aerial campaign was conducted in 2021. The difference in required aerial treatment events signifies the relatively higher abundance of floodwater mosquito larvae within the region in 2022. The high mosquito larval abundance was due to a compounded mosquito eggs abundance triggered to hatch with high, sustained Duncan River and Kootenay Lake levels.

Aerial treatments were conducted using granular Aquabac®. Aerial treatments were applied at an average rate of approximately 4 kg/ha. A total of 673 ha was treated by air, equating to a total of approximately 2,694 kg of Aquabac® used. The total area treated in 2022 was approximately 230 ha more than that treated in 2021. Figure 9 shows the aerial treatment events (green) along with Duncan River and Kootenay Lake levels, as aerial treatment events primarily target floodwater habitat.

Aerial treatment events ideally take place immediately after the Duncan River and Kootenay Lake have peaked because the Bti is able to reach mosquito larvae before they disperse with rising water. As it is difficult to determine exactly when the peak will occur, aerial treatments often bookend a peak. Additionally, when the Duncan River and Kootenay Lake are sustained at high water levels, more floodwater mosquito eggs may have time and abundant environmental cues to hatch. Aerial treatments took place immediately following the Duncan River peak and prior to the Kootenay Lake peak (10 June) and following the Kootenay Lake peak (29 June; Figure 9). MBL staff were able to accompany the helicopter pilot again in 2022, which aids in identification and treatment of inconspicuous mosquito development areas. However, high river levels can create micro-sites within debris and seepage areas which are difficult to identify and may have gone untreated. Treatments successfully controlled targeted floodwater mosquito larvae at all known locations. Appendix I shows more specific information about site, treatment timing, and extent of treatment.

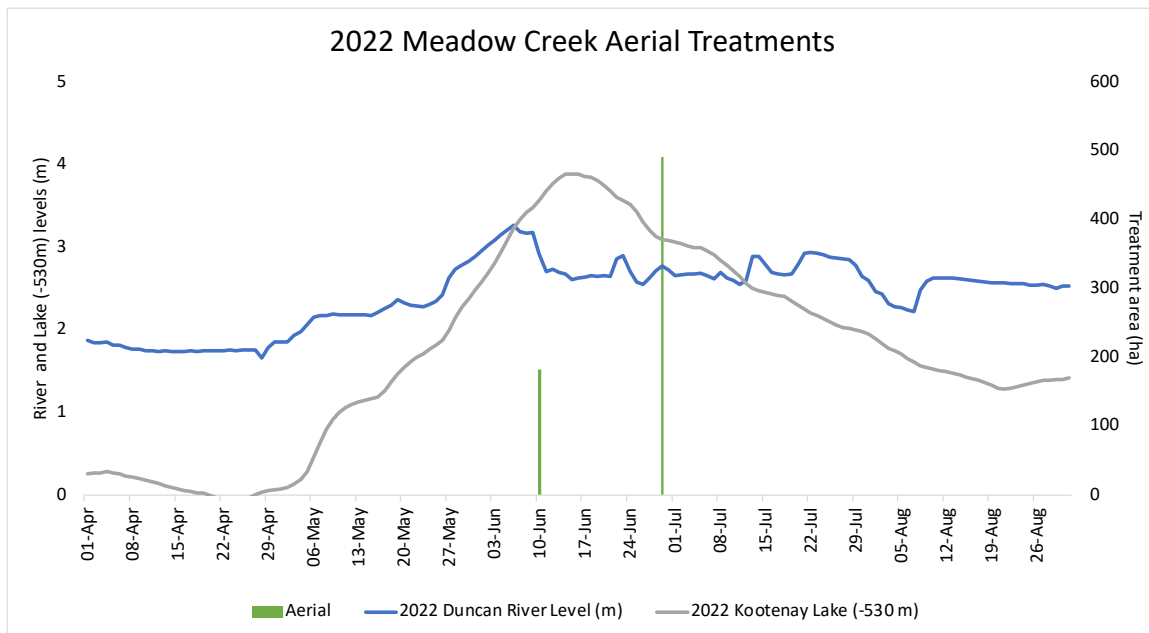


Figure 9. Aerial application events (green lines; ha) with Duncan River levels (blue line; m) and Kootenay Lake levels (grey line; m) from 1 April through 31 August 2022. Note treatment values (ha) are on the alternate y-axis.

Public Relations

Maintaining positive public relations continues to be a high priority for MBL. Public relations occur on several levels: in-person communication with members of the public, the mosquito hotline, presentations to stake holders, email correspondence, and social media presence. MBL continues to look for new areas to expand this aspect of our program.

Phone Calls and Emails

Meadow Creek and Pine Ridge residents have multiple venues to communicate with MBL. MBL's Mosquito Hotline (877-986-3363) and email form are outlined prominently on the contact tab of the MBL website (www.morrowbioscience.com). Additionally, the RDCK has developed a web page devoted to mosquito control updates and providing RDCK-based contact information⁹. All calls and emails received from the RDCK are forwarded to MBL staff for follow-up. Residents may also voice concern with MBL staff through social media platforms.

A total of seven (7) calls and two (2) annoyance-based emails were received to the Mosquito Hotline/MBL email contact form from the Meadow Creek and Pine Ridge areas in 2022. Of those, one call received in April was classified as an inquiry-based call; the resident was requesting information about the 2022 plan for mosquito control. All other calls and emails were classified as concern-based and received from 29 June – 14 July. Residential concerns noted high presence of adult mosquitoes. The timeline for annoyance reports coincides with the adult mosquito dispersal timeline following peak River and Lake levels. Additional reconnaissance was conducted at certain properties to assess potential new mosquito development habitat based on residential input, but no new sites were found. All calls and emails were returned within 24 hours of receipt if contact information was provided.

The total number of calls and emails received in 2022 was high for the Meadow Creek and Pine Ridge program. The high number of concern calls and emails is due to the compounded number of mosquito eggs that hatched in 2022 from high and sustained Duncan River and Kootenay Lake levels in the warmer part of the season. In the early portion of the season, it typically takes 2-3 weeks for mosquitoes to emerge and disperse following hatching events associated with peak river levels. When rivers rise at slow rates in the warmer part of the season, as occurred beginning in late-May this year, mosquitoes may emerge and disperse prior to peak levels. Thus, the potential timeline for mosquito emergence and dispersal in 2022 likely ranged from early-June through late-July. Accordingly, hotline calls and emails were concentrated between late-June and mid-July.

MBL remains committed to continuing reconnaissance efforts to identify floodwater mosquito development sites, adaptive site management, and expanding in-house knowledge of sites. Expanding public engagement reach may also result in the identification of new sites and reduction of mosquito larvae in the region. Through these efforts, MBL aims to further reduce adult mosquito nuisance within the Meadow Creek and Pine Ridge mosquito control program purview.

Direct Communications

Direct communication between MBL staff and the public can occur in many situations. The most common direct interfacing with the public occurs when technicians are in the field. While conducting site visits, MBL technicians are often asked questions by residents. These encounters provide an excellent opportunity for public relations. An important outcome of these interactions can be the identification of new sites.

⁹ <https://rdck.ca/EN/main/services/environmental-initiatives/mosquito-control-program.html>

Who We Are

Morrow BioScience Ltd. (MBL) is the longest established mosquito management firm in British Columbia - we have been managing mosquitoes for over 30 years! Our team is comprised of biologists, field technicians, and GIS specialists. Our goal is to provide clients and residents with excellent mosquito control.

What We Do

Using an integrated pest management approach, MBL conducts larval mosquito control for floodwater mosquitoes. Control products and techniques utilized by MBL are designed for high efficacy and to have the least possible impact on the ecosystem.

Our Methodology

- Floodwater mosquito development sites are consistently monitored for larvae from April – August.
- If larvae are found in high enough numbers and in the correct larval stages (3rd – 4th instar), the site is treated.
- Sites are treated with Aquabac® - a bacterial larvicide.
- Sites may be treated using a backpack blower, by hand, or by helicopter.
- Post-treatment monitoring occurs to ensure the treatment was successful.

Larval Control Products

5/8 Mesh 10/14 Mesh

- Aquabac® is used for larval mosquito control.
- The active ingredient in Aquabac® is a natural, soil-borne bacterium called *Bacillus thuringiensis israelensis* (Bti).
- The carrier for Bti is corn cob granules.
- When ingested by mosquito larvae, the Bti quickly effects the mosquito's gut, causing larval death.
- The granules come in a variety of sizes to target different mosquito development areas.
- This product is relatively target-specific, with few non-target effects.
- The field efficacy for Aquabac® is usually 80-90%.

Image 2. MBL education outreach pamphlet.

MBL contact information is disseminated when field technicians have direct communication with the public. Contact information for MBL includes the website address, an email, phone number, and social media sites (Twitter, Facebook, Instagram). Additionally, MBL staff may provide residents with an outreach pamphlet (Image 2). The pamphlet includes information about the larval control product used, mosquito biology, and personal protective tips.

Public Engagement

MBL maintains a presence on social media with a Facebook account (facebook.com/morrowbioscience), Twitter account (@MoBioScience), and Instagram account (morrowbioscience), which are regularly updated. There are five goals for MBL's social media presence: 1) provide timely and up-to-date information regarding conditions pertinent to mosquito production, 2) relay MBL's current efforts to control mosquitoes, 3) inform the public about MBL's efforts at environmental sustainability, 4) provide the community with opportunities to get involved with related public events, and 5) offer a platform for mosquito-related discussion amongst program residents and the MBL team.

Facebook remains the primary avenue for MBL to disseminate mosquito-related information on social media. Regular updates on mosquito abundance began in early April. The total number of followers on the MBL Facebook page was 384 in November 2022. This number has increased by over 40 since November 2021.

In addition to social media, the MBL website (www.morrowbioscience.com) was launched in 2015 and redesigned in 2021 (Image 3). This site was developed to allow clients and the public to have access to information about MBL’s background, activities, outreach, and company. To further support residents in contract areas, the homepage includes visible tabs for resources and the contact information. The ‘Contact’ tab allows users to directly send a message to MBL. Additionally, there are links to MBL’s Facebook account and Twitter feed, so residents have access to real-time updates on MBL’s activities.



Image 3. Morrow BioScience Ltd. homepage (www.morrowbioscience.com)

The website highlights two sets of FAQs focused on (1) mosquito biology and disease transmission, and (2) the active ingredient used in control efforts (*Bacillus thuringiensis* var. *israelensis*). MBL has added new blogs discussing relevant education outreach topics. Information dedicated specifically to mosquitoes and COVID-19 (published in May 2020) remains available on the website.

Education Outreach

A 2022 Town Hall presentation for residents in both Meadow Creek and Pine Ridge was facilitated by the RDCK on 4 May. MBL staff virtually attended and presented a summary of 2021 mosquito management efforts, challenges, and successes. The presentation also included a discussion about the early-season snowpack and larval mosquito abundance going into the 2022 season. Although attendance was not high, the presentation was well-received. No interviews were requested regarding the Meadow Creek and Pine Ridge mosquito program in 2022. However, the MBL Operations Manager and Lead Biologist provided interviews to the following news outlets:

- BC CTV (20 June)
- Global TV (12 July)
- City TV (13 July)
- CBC (14 July)
- CBC – Early Edition (18 August)

While these interviews were requested on behalf of mosquito control programs run by MBL on the coast, the interviews included tips for residents to reduce mosquito habitat around homes and how to increase personal protective measures. These recommendations are applicable to all program residents. If opportunities arise, MBL staff ensure that the RDCK mosquito program manager is consulted prior to agreeing to an interview. Every effort will be made to accommodate interviews which assist in raising awareness about mosquito control efforts and personal protective measures.

West Nile virus Summary

Although floodwater mosquito species in Canada are not the main West Nile virus (WNV) vectors, it is important to remain current in regional mosquito-related diseases. Along with its partners, Health Canada compiles on-going provincially reported surveillance data of WNV cases in humans, animals, and mosquito pools between 1 January and 29 September. As of 8 October, no human case of WNV were reported to Health Canada from British Columbia¹⁰. Similarly, no horse or bird cases were reported from British Columbia within 2022. Of note, previous reports were not published until mid-December, so it is likely that surveillance did occur in 2022 and will be published shortly. An update will be sent to the RDCK program manager once 2022 provincial WNV surveillance data are received. Also of note, mosquito pool surveillance data are not reported to Health Canada from British Columbia and it is possible that other information was not reported by the BCCDC to Health Canada.

As Washington State and Idaho State share a border with British Columbia, it is important to follow WNV activity in those areas, as well. As of 30 October, no in-state cases of WNV were reported in Washington State¹¹. Six mosquito pools tested positive for WNV. No horses/other mammals or birds tested positive in 2022. Of note, cooler ambient temperatures from May – early July contributed to a lower number of degree days during 2022, which likely contributed to lower incidence of WNV activity.

As of 30 October, 16 human WNV cases were identified in Idaho¹². Additionally, multiple mosquito pools and animals tested positive for WNV. All cases were identified within counties in the southern and southwestern portion of Idaho.

Zika virus Summary

No information regarding Canadian Zika cases has been reported by the Public Health Agency of Canada since 2017 and Health Canada will no longer be updating case counts¹³. HealthLinkBC reports that no Zika cases have originated in Canada due to presumed lack

¹⁰ <https://www.canada.ca/en/public-health/services/publications/diseases-conditions/west-nile-virus-surveillance/2021/week-37-38-september-13-26.html>

¹¹ <http://www.doh.wa.gov/DataandStatisticalReports/DiseasesandChronicConditions/WestNileVirus>

¹² <https://www.cdc.gov/westnile/statsmaps/preliminarymapsdata2022/index.html>

¹³ https://www.canada.ca/en/public-health/services/diseases/zika-virus/health-professionals.html#_Surveillance_in_Canada

of vector mosquito species¹⁴. There have been human Zika cases reported in Canada prior to 2022, although those were determined to have been acquired while traveling.

According to Peach (2018), the primary Zika mosquito vectors (i.e., *Aedes aegypti*, *Ae. albopictus*) are not found in British Columbia. *Ae. albopictus* has been found on east coast, but tested negative for Zika. There is currently a low risk for Zika virus to circulate within British Columbia.

2023 Program Recommendations

- Ground-based treatments should increase in future high-water years.
- Hire an additional staff member to assist with treatments and outreach efforts.
- Ensure the electronic data entry program is working throughout the season by conducting early and frequent QA/QC evaluations.
- Increase community engagement through door-knocking campaigns, mail-out campaigns, field tour, and/or attendance at the Lardeau Valley Sunday Market.
- Notify the Ministry of Environment of the RDCK intent to treat mosquitoes in 2023 under the RDCK Pest Management Plan. Notification should take place 2 months before the start of the season (the end of February at the latest).
- It is important to attach copies of all the mosquito development site maps with the Notice of Intent to Treat (NIT).

¹⁴ <https://www.healthlinkbc.ca/health-feature/zika-virus>

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Appendix I - 2022 Meadow Creek, Pine Ridge mosquito larvicide treatment data (kg, ha) by site and date for all ground (A) and aerial (B) treatments

III-A: Ground Treatments

Treatment Date	Site Code	Site Name	Amount Treated (Kg)	Area Treated (Ha)
2022-05-06	RDCK-MC-039	Jules and linda	7	1.75
2022-05-07	RDCK-MC006	Marblehead 1	5	1.25
2022-05-07	RDCK-MC-042	Edwards Roads	1	0.25
2022-05-08	RDCK-MC-047	Km 3 pond	12	3
2022-05-08	RDCK-MC-052	Duncan Road	14	3.5
2022-05-10		TNT Cooper Creek east side	8	2
2022-05-13	RDCK-MC-007	Hamill Creek Park	12	3
2022-05-15	RDCK-PR-007	Pine Ridge Swamp #1	4	1
2022-05-19	RDCK-PR-007	Pine Ridge Swamp #1	3	0.75
2022-05-21	RDCK-PR-015		10	2.5
2022-05-24		Dunlops	5	1.25
2022-05-31	RDCK-PR-015		0.5	0.125
2022-06-04	RDCK-MC-001	Nature Trust	12	3
2022-06-04	RDCK-MC-019	90 Acre Swamp	20	5
2022-06-04	RDCK-MC-031	Wes	50	12.5
2022-06-05	RDCK-MC-067	Head of the lake pond 1	40	10
2022-06-06	RDCK_MC001	Mcpm	6	1.5
2022-06-06	RDCK-MC-012	Gravel Pit	5	1.25
2022-06-06	RDCK-MC-016	Halleran	30	7.5
2022-06-07	RDCK-MC-040	End of the lake	30	7.5
2022-06-07	RDCK-MC-044	TNT	30	7.5
2022-06-08	RDCK-MC-063	Jacobs slough	15	3.75
2022-06-08	RDCK-MC-007	Hamill Creek Park	8	2
2022-06-09		Sonja's channel	0.5	0.125
2022-06-09	RDCK-MC-030	Fiona's	5	1.25
2022-06-11	RDCK-MC-031	Wes	10	2.5
2022-06-12	RDCK-MC-030	Fiona's	10	2.5
2022-06-14	RDCK-MC-016	Halleran	17	4.25
2022-07-19		Cooper creek rd ditch	5	1.25
2022-07-25		Cooper creek rd ditch	2	0.5
2022-07-25		Cooper creek rd ditch	1	0.25

Appendix I - 2022 Meadow Creek, Pine Ridge mosquito larvicide treatment data (kg, ha) by site and date for all ground (A) and aerial (B) treatments

III-B: Aerial Treatments

Date Treated	Sites	Amount Treated (Kg)	Area Treated (Ha)
2022-06-10	Halleran Wetland, Wes's Wetland, TNT south and north, lot 8895, Mainlands, Cooper Creek Rd. sites 1, 2, and 3, Gratz property, Pig Farm	728	182
2022-06-29	Wes ,Fiona's,McKinney,Jacobs back western slough,Side channel,Floods into Trees,Gravel Pit,,Lablonc,Meadow Creek Cedar,Sonja's channel,Gillian's early channel; Halleran,Manon ,Adrian's,HCT site 2 ,HCT,90 Acre Swamp,Mainland,Nature Trust; Gillian's ,Start of Channel,Another channel across the road from the first channel ,Nature Trust,In Field,TNT,Elk Island SW,Site 38B,Site 38A,Head of the lake pond 1,SW island,,Elk Island north,Woston,Argenta slough ,Argenta slough	1965.6	491.4



Quarterly Report

Q4 2022

Corporate Administration

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DEVELOPMENT AND COMMUNITY SUSTAINABILITY SERVICES (PLANNING, BUILDING AND COMMUNITY SUSTAINABILITY)							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas Of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Review Noise Bylaw 2440, 2015	2022-09-22	GM Development and Community Sustainability	Part of RDCK Core Services	Area A,Area B,Area C,Area E,Area F,Area G,Area H,Area I,Area J,Area K	Not Started	2023-12-31	A review of the Noise bylaw is underway with the intention of aligning changes with concerns raised by elected officials and public to support bylaw enforcement staff to address noise complaints which sometimes can be difficult under the current bylaw.
Engage RDCK Indigenous Nations on Opportunities for Partnership	2020-10-19	GM Development and Community Sustainability	Part of RDCK Core Services	Entire RDCK	40% to 60% complete	2023-12-01	The initial direction by the Board was to engage with Yaqaan Nukiy of the Ktunaxa Nation to develop a protocol agreement. That work is still underway. Since then the RDCK initiated the Anti-Racism, Equity, Justice and Inter-Cultural Training to address action 57 of the Truth and Reconciliation Commission Calls to Action. Community Services and Development and Community Sustainability staff have built several partnership on common initiatives with yaqaan nukiy including KLP formed in 2010. Staff, Board Chair and CAO continue to develop relations with Sylix-ONA, Secwepemc, Colville-Sinixt.
Dog Control - Area A, B, C	2020-10-10	GM Development and Community Sustainability	Part of RDCK Core Services	Area A,Area B,Area C	20% to 40% complete	2023-12-09	The Creston Valley Directors are seeking to address "aggressive dogs" in Areas A, B and C. Since this resolution was passed new Directors are in place for Area B and C. Further discussion on this service with directors is pending. If the current model for dog control service provided in 5 service areas is not desired then a review of options has to be researched by staff following a meeting with the Directors in the Creston Valley. A meeting will be scheduled in April.
Expansion of Kootenay Conservation Program	2021-09-23	GM Development and Community Sustainability	Part of RDCK Core Services	Area C,Area F,Area G,Area H	60%- 80% complete	2023-12-20	The Local Conservation Fund was established in 2014 in the RDCK. It offers grant funding collected through a \$15 parcel tax to local professionals in the conservation field and supports local conservation efforts. The service participants include Area A, D, E and H and will soon consider adding Area F through an Alternative Approval Process. Areas C and G along with Slocan Valley Municipalities have also expressed an interest in joining. Kootenay Conservation Program is the contractor that supports this service and before further expansion funding and capacity has to be considered.
Kootenay Boundary Farm Advisory	2017-03-31	GM Development and	Food security and Agriculture	Entire RDCK,Multi Regional	80%- 99% complete	2024-06-01	By 2012 the RDEK, RDKB, RDCK completed their Agricultural Areas Plans. A common recommendation in the plans was for extension services to farmers, previously provided by the Ministry of Agriculture. KBFA formed in 2017 and is funded by the CBT and 3 RD who participate on a steering committee made up of elected officials

DEVELOPMENT AND COMMUNITY SUSTAINABILITY SERVICES (PLANNING, BUILDING AND COMMUNITY SUSTAINABILITY)							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas Of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
		Community Sustainability					and staff. The service is delivered under contract by Rachael Roussin and Keefer Ecological by engaging farmers, providing one on one support, learning events and expertise. New extension service by MofAg may lead to changes with KBFA to be determined.
Building Officials Training Program	2018-11-15	Mgr. Building	Part of RDCK Core Services	Village of Salmo,Village of Kaslo,Village of Slocan,Village of Nakusp,Village of Silverton,Village of New Denver,All Electoral Areas	60%- 80% complete	2023-04-30	Senior Building Official-Training and Development, along with Manager are developing training plans with staff, however heavy workload in operational areas of the business have impacted the delivery schedule for the Building Officials Training Program
Building Services Policy Review	2018-01-01	Mgr. Building	Part of RDCK Core Services	Entire RDCK	20% to 40% complete	2023-04-30	Some progress made on policy update and creation, however full policy review is delayed until staffing capacity is increased. Priority Policies to update include: Lapsed Building Permit Policy 400-01-07; Expired Building Permit Policy 400-01-02; Building Inspection Service - Process for Lack of Valid Permit 400-01-5; Building Permits for Manufactured Homes 400-01-07.
Converting Historical Building Permits to Digital format	2018-03-31	Mgr. Building	Part of RDCK Core Services	Area A,Area B,Area C,Area D,Area E,Area F,Area G,Area H,Area I,Area J,Area K	40% to 60% complete	2022-12-31	Seek to find funding to digitize all microfiche building records. Accessing a microfiche at a reasonable cost is proving to be a challenge. June 2021 - Continue search for grant funding and/or temporary staffing (KCDS or similar) to implement planned project. Board approved funding, vendor selection and procurement Q4 2022
Update Building Inspection Service Agreement with Municipalities	2018-10-01	Mgr. Building	Coordinated Service Delivery	Village of Salmo,Village of Kaslo,Village of Slocan,Village of Nakusp,Village of Silverton,Village of New Denver	20% to 40% complete	2022-02-28	Current service agreements are not consistent for all six municipalities, and require additional specifications and technical detail . The agreements also must align better with the Building Act. Update of the agreement template is on hold pending the addition of more building inspection staff. Q1 2023 meetings planned with RDCK GM D&CS, MB and Village CAO's

DEVELOPMENT AND COMMUNITY SUSTAINABILITY SERVICES (PLANNING, BUILDING AND COMMUNITY SUSTAINABILITY)							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas Of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
SES - Low Carbon Transportation - Corporate Fleet	2020-08-20	Mgr. Community Sustainability	Coordinated Service Delivery	Entire RDCK	1% to 20% complete	2023-11-30	<p>Current: Developing fleet inventory; enhanced vehicle fuel consumption data collection with new reporting procedure; Application completed for Basin Charge Up Funding for a subsidy for a EV fleet vehicle.</p> <p>Next Steps: Apply for CleanBC EV funding and CEA for RDCK Fleet strategy; Investigate workplace charger for Head office.</p> <p>Barriers: Distributed nature of fleet management (no overall fleet manager); Limited data and tracking of vehicles; technology options and availability.</p>
SES - Better Corporate Building Policy	2020-08-20	Mgr. Community Sustainability	Coordinated Service Delivery	Entire RDCK	40% to 60% complete	2023-06-30	<p>Current: Better Corporate Building Policy in place; Developing program to educate / train building managers and project managers on policy.</p> <p>Next Steps: Outlay education / training workshops to building managers and project managers; Support staff on implementation of Policy.</p> <p>Barriers: Staff time (building and project managers) and availability.</p>
SES - GHG Reduction Feasibility for RDCK Facilities Project	2022-05-01	Mgr. Community Sustainability	Coordinated Service Delivery	Entire RDCK	1% to 20% complete	2023-10-31	<p>Current: Report to Board at February meeting seeking approval to apply to FCM/GMF GHG Reduction Pathway Feasibility Study grant; Completing data input for facility energy monitoring software (Portfolio Manager), required to inform this project.</p> <p>Next: If approved at board level, submit application to FCM/GMF.</p> <p>Barriers: Time & staff capacity.</p>
SES - Demand Management - Community - REEP for Homes Project	2020-08-20	Mgr. Community Sustainability	Coordinated Service Delivery	Entire RDCK	60%- 80% complete	2023-06-30	<p>Current: Developing Regional Energy Efficiency Program (REEP) 2.0 with partner City of Nelson and with grant funding application (FCM / Community Efficiency Financing); Working on strengthening Home Performance Contractor Network (HPCN) by supporting contractor outreach and training initiatives; Providing support to RDCK building department in rolling out communications for upcoming transition to Energy Code Step 3 for homes.</p> <p>Next Steps: Finalize grant application to FCM.</p> <p>Barriers: Lack of contractors that are eligible for HPCN registration.</p>
ERIE Creek Flood Prevention - Service Investigation	2021-03-18	Mgr. Community Sustainability	Not aligned with a Strategic Priority	Area G	Not Started	2023-04-30	<p>An investigation into creating a service for flood mitigation in the Salmo/Erie Creek area. The findings from the NDMP 3 project will provide financial details to inform this investigation. The RDCK does not currently have a flood mitigation service, nor does it own any flood mitigation infrastructure.</p> <p>Current: NDMP3 is progressing with mitigation options for the Salmo/Erie systems.</p>

DEVELOPMENT AND COMMUNITY SUSTAINABILITY SERVICES (PLANNING, BUILDING AND COMMUNITY SUSTAINABILITY)							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas Of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
							These findings will be presented to Board during a workshop in early Q1 '23. Next: Complete service case analysis once financial information from NDMP is available.
RDCK Climate Actions - Plan & Implementation development	2019-08-08	Mgr. Community Sustainability	Coordinated Service Delivery	Entire RDCK	80%- 99% complete	2023-04-21	Current Status: Draft will be brought to Board in February to Board receipt followed by engagement and request to adopt in April 2023. Possible Barriers: None at this time 259/22 That the RDCK Board approve the budget of up to \$80,000 for the development of the 2023-26 Climate Action Plan and associated four (4) year Communication and Engagement Strategy, and that these funds be drawn from the Climate Action Revenue Incentive Program (CARIP) reserve in General Administration
Phase 2 - Geothermal GIS Study	2022-02-17	Mgr. Community Sustainability	Not aligned with a Strategic Priority	Area A,Entire RDCK	100% complete	2003-01-01	A project funded via CSLAC to study and identify areas on the East Shore that could support deep geothermal development. Phase 1 looked at the whole area. Phase 2 is focusing on using all existing data to identify likely areas to target for drilling test holes - this would be completed by private industry interested in developing the resource. Current Status: Phase 2 work now complete, reporting to CSLAC in February Next Steps: None at this time Possible Barriers: None at this time
Slocan Lake and River Partnership Initiation	2022-02-17	Mgr. Community Sustainability	Water Protection and Advocacy	Area H,Village of Slocan,Village of Silverton,Village of New Denver	1% to 20% complete	2023-10-31	A project to support the development of a partnership to conserve, protect, and restore habitat; provide education; build relationships; and guide development on Slocan Lake and River. Current Status: A Steering Committee met in November define draft terms and scope of work, will meet again in February Next Steps: Host Steering Committee meeting and determine next steps Possible Barriers: None at this time
Watershed Governance Initiative Phase 3 - Relationships,	2018-12-13	Mgr. Community Sustainability	Water Protection and Advocacy	Entire RDCK	20% to 40% complete	2022-10-07	A project to understand RDCK's role in protecting watersheds in the region. Current : Phase 3 focused on continued relationship building, mapping, and water monitoring. WGI GIS assistant hired to Mar 2023, meeting with Yaqan Nukiy re WSP, Duck Creek and Service Case Analysis for Drinking Water and Watershed Protection service.

DEVELOPMENT AND COMMUNITY SUSTAINABILITY SERVICES (PLANNING, BUILDING AND COMMUNITY SUSTAINABILITY)							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas Of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Mapping, Water Monitoring							Next Steps: Continue mapping work for communities, working with Yaqan Nukiy, pursue Duck Creek cumulative impacts study Possible Barriers: None at this time
Regional Invasive Species Strategy - Implementation Plan Proposal	2021-06-14	Mgr. Community Sustainability	Coordinated Service Delivery	Entire RDCK	60%- 80% complete	2022-09-10	Current Status: Board has reviewed and approved management plan developed for RDCK properties. And has approved implementation of the Strategy: Option 1 (\$15,000) and PILOT the Good Neighbour program (\$12,000) of the Regional Invasive Species Strategy for the 2023; Possible barriers: Budget approval in March
2023 Wildfire Mitigation and FireSmart Program	2023-01-01	Mgr. Community Sustainability	Wildfire Management	Entire RDCK	1% to 20% complete	2023-12-01	Current Status: Awaiting funding approval from UBCM-CRI & CBT-CBWRI for Lightship Application Next Steps: Procure GIS technician for Lightship application, Hire seasonal FireSmart Team, Implement training and program deliverables to residents, Extend contract for Regional Roundtable facilitators, Procure consultant to deliver 10 Community Wildfire Resiliency Plans and a regional scale prioritization, Build / continue Community FireSmart Resiliency Committees throughout RD, Barriers: Timing of funding approval
Bayview Community Fuel Treatment	2023-01-01	Mgr. Community Sustainability	Wildfire Management	Area K	1% to 20% complete	2023-06-30	Current Status: CBT is re-evaluating project with RDCK as legal entity for Bayview Community Next Steps: Receive funding approval, approve contribution agreements with CBT and consultant, execute contract with consultant Barriers: Funding approval
Operational Fuel Treatments - Selous, Queens Bay, Woodbury	2016-08-01	Mgr. Community Sustainability	Wildfire Management	All Electoral Areas	80%- 99% complete	2023-10-31	Current status: Selous: Machine fuel modification completed. 80% Hand treatments completed, remaining starting Spring '23; QB : Project completed as of Nov '22; Woodbury: Project completed by CLWRR program as of Fall '22. Next Milestones: Prescribed burning in Selous planned spring '23 possibly fall '23. Possible Barriers: Adequate burning conditions.
National Disaster Mitigation Program 3 - Preliminary Flood Mitigation Designs	2021-02-18	Mgr. Community Sustainability	Not aligned with a Strategic Priority	All Electoral Areas	40% to 60% complete	2022-04-30	This is a project to investigate mitigation options at 3 sites in the RDCK. The findings will provide RDCK-specific details on what the costs/impacts of creating a flood mitigation service might be. Current: P5 - March 13. P1 - Review of 16 high risk areas from S2 NDMP.

DEVELOPMENT AND COMMUNITY SUSTAINABILITY SERVICES (PLANNING, BUILDING AND COMMUNITY SUSTAINABILITY)							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas Of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
							P2 - Shortlist sites based on viable options P3 - Mitigation concept development P4 - Prelim design and costing P5 - Workshops with Board
Campground Bylaw Review	2018-04-19	Mgr. Planning	Not aligned with a Strategic Priority	All Electoral Areas	1% to 20% complete	2023-08-25	Initiative began to investigate regulatory options for park model trailers within the RDCK, but has expanded to consider ways to better regulate developments where multiple RV sites are created. This is especially relevant in the proliferation of shared interest developments in unzoned areas where there is concern for health and safety of these developments. Resolution 36/20 establishes policy regarding CSA Z241 Park Model Trailers. September 2022 - Staff have begun researching utility of the existing Manufactured Home Park Bylaw to address the issues this initiative seeks to address.
Housing Action Plan	2021-05-20	Mgr. Planning	Part of RDCK Core Services	All Electoral Areas	1% to 20% complete	2023-05-31	Project follows on completion of Housing Needs Assessment for RDCK and member municipalities in 2020 and direction from Board to undertake a Housing Action Plan. Kickoff meeting with staff held July 7, 2022. Board Workshop hosted Jan. 17, 2023. Housing Action plan report and presentation to Board anticipated in April 2023.
Area D Community Planning	2022-02-17	Mgr. Planning	Part of RDCK Core Services	Area D	Not Started	2023-07-21	Project follows up on completed work in 2022 wherein land use planning discussions held (virtually) for most communities in Area D. Feb 2022 Resolution 149/22 directed staff to continue the next phase of community planning for Area D in 2022 with a specific focus on the Kaslo Corridor; Woodbury; Schroeder Creek; Mirror Lake (including Amundsen Road); and the Allen subdivision, and other communities interested in zoning. Direction from Board needed to prioritize Planning Services work plan items.
Playmor Junction Zoning Bylaw	2020-02-20	Mgr. Planning	Part of RDCK Core Services	Area H	Not Started	2023-12-29	In February 2020 the Board passed resolution 121/20, which directs staff to include the development of a zoning bylaw for Playmor Junction Area to their work plan. Subsequent direction from the Director was to suspend further work on the project until early 2023. Staff to work with Area Director to map out scope and timing of project.
Area H North OCP Review	2020-04-16	Mgr. Planning	Part of RDCK Core Services	Area H	1% to 20% complete	2023-07-28	In April 2020, the Board passed resolution 279/20, which directs staff to include the review of the Area H North Official Community Plan, with the potential of having a Comprehensive Land Use bylaw, in their work plan. April/May 2022 - Staff

DEVELOPMENT AND COMMUNITY SUSTAINABILITY SERVICES (PLANNING, BUILDING AND COMMUNITY SUSTAINABILITY)							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas Of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
							completed open houses in New Denver and Hills. Anticipating re-activating project in 2023, as directed.
Agricultural Policy Review - Phase 2	2019-03-25	Mgr. Planning	Food security and Agriculture	Entire RDCK	40% to 60% complete	2023-03-31	Project follows previous agriculture policy changes implemented to address regulatory changes in Provincial legislation. This phase focuses on recent changes to the Agricultural Land Reserve Act and Regulations such as those affecting additional residences on ALR land, for example. Changes made to bylaws for Areas A, B, and C recently adopted. Bylaw amendments for F,I,J,K given 1st and 2nd reading and pending public hearings.
Area E OCP Expansion	2020-05-21	Mgr. Planning	Part of RDCK Core Services	Area E	20% to 40% complete	2022-12-31	In 2020 through resolution 375/20 the Board directed planning staff to expand the Electoral Area E Official Community Plan to include the south border of the City of Nelson to Ymir Road. This project should be re-evaluated in terms of Board priorities for Planning Services to determine if still desired and if so when. Results from previous survey results were polarized and further engagement would be needed prior to pursuing further. Board resolution 363/22 to explore land use planning in other parts of Area E indicates that work of higher priority.
Area E Community Planning	2022-05-19	Mgr. Planning	Part of RDCK Core Services	Area E	Not Started	2023-06-30	In 2022 through resolution 363/22 the Board directed staff to continue the next phase of community consultation for Area E as a follow up to the “Open Houses on Land Use Planning” Project completed earlier in the year. This work would be focused where survey results indicated that there is strong interest in pursuing land use planning or more. Information about land use planning was desired, with a specific focus on the following unincorporated communities: Redfish Creek to Liard Creek (Including Grandview); Longbeach; Harrop; and Proctor.
Subdivision Servicing Bylaw Review	2020-05-21	Mgr. Planning	Part of RDCK Core Services	Entire RDCK	20% to 40% complete	2023-07-31	Board resolution 369/20 from May 2020 directs staff to undertake a review of the RDCK Subdivision Bylaw to improve administrative process and efficiency, and seek solutions for recurring challenges such as ensuring adequate servicing and access. Next steps: Summarize progress to date to accompany workplan, and initiate internal engagement. Review of staff resources currently required to confirm Subdivision Bylaw requirements with applicants. Staff unable to undertake project activities due to staffing challenges and precedence of other active projects.

DEVELOPMENT AND COMMUNITY SUSTAINABILITY SERVICES (PLANNING, BUILDING AND COMMUNITY SUSTAINABILITY)							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas Of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Kootenay Lake Watercourse DPA Project	2020-04-16	Mgr. Planning	Part of RDCK Core Services	Area A,Area D,Area E,Area F	80%- 99% complete	2023-03-31	Project initiated from discussions at the Kootenay Lake Partnership table, recognizing that the RDCK has development permit authorities under the Local Government Act that are not being fully utilized to protect sensitive habitat around Kootenay Lake. Next steps: Planned engagement activities completed December 2022. Currently compiling feedback into public engagement summary, which will be presented to Board upon completion with recommendation for how to proceed.
Area J OCP Review	2021-07-07	Mgr. Planning	Part of RDCK Core Services	Area J	Not Started	2022-12-31	Area J to have its own OCP. Project is in the queue for after the completion of Area I's OCP. Regional planning ongoing.
Area I OCP Review	2016-01-26	Mgr. Planning	Part of RDCK Core Services	Area I	60%- 80% complete	2023-07-31	Staff have met with Area I Director and APC to determine updates needed to draft OCP and amended work plan. Updates to draft plan being made in advance of re-launch and renewed community engagement in Fall/Winter 2022 and Winter/Spring 2023. Staff report for Board endorsement of early and ongoing OCP consultation scheduled for December 2022 Open meeting. Meeting with Area I APHC tentatively scheduled for end of October 2022.

ENVIRONMENTAL SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Organics program development	2018-01-01	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	60%- 80% complete	2023-06-30	Creston and Ootischenia facility completed. Central facility awaiting components for commissioning in Q1/Q2. Grohman organics transfer design complete with construction to proceed in Q1. Castlegar and RDKB plan to initiate curbside collection for Central feedstock in Q3.
Nelson Landfill Closure	2017-02-16	Mgr. Resource Recovery	Waste Management and Alternatives	Central RR Subregion	1% to 20% complete	2023-12-31	Staff met with City staff in January to discuss next steps. The City has requested additional information from CP to support the completion of the DSI. Once the DSI is completed, we can approach the province to discuss remediation works.
Creston Landfill Phase 1E closure works	2022-06-01	Mgr. Resource Recovery	Waste Management and Alternatives	East RR Subregion	100% complete	2022-11-30	Project is complete.
Creston Hydrogeological Assessment	2021-10-01	Mgr. Resource Recovery	Waste Management and Alternatives	East RR Subregion	1% to 20% complete	2023-11-30	Draft RFP near completion, staff intend to request MOE hydrogeologist reviews scope related to liner exemption. Procurement for consulting service to proceed in Q1.
Creston Landfill Phase 1C/D, Berm	2017-10-18	Mgr. Resource Recovery	Waste Management and Alternatives	East RR Subregion	1% to 20% complete	2023-10-31	ON HOLD. Due to delay in LKB land transfer. Budgeted to complete design in 2022 and construction in 2023.
Ootischenia Landfill Design and Operation plan update	2017-04-13	Mgr. Resource Recovery	Waste Management and Alternatives	Central RR Subregion, West RR Subregion	1% to 20% complete	2023-12-31	No development in Q4. Need to pursue lands application in advance. Expected to proceed under new RFSO for Eng Services in 2023.
Central TS Washroom/ Changeroom/ Lunchroom	2021-03-18	Mgr. Resource Recovery	Waste Management and Alternatives	Central RR Subregion	80%- 99% complete	2023-02-28	Project works completed, awaiting on well commissioning. Expect to be fully operational in Q1.

ENVIRONMENTAL SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Field staff building assessment	2022-09-01	Mgr. Resource Recovery	Not aligned with a Strategic Priority	Entire RDCK	60%- 80% complete	2023-02-28	Staff continuing to collect details and complete assessments to support cost estimates/recommendations for field staff buildings. Locations will be assessed for hot and cold temperature conditions and may include improvements such as shade, fans, A/C, heat pumps and solar power, etc.
Landfilling diversion initiatives - mattresses and C&D	2021-03-18	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	1% to 20% complete	2023-04-30	No change in Q4. New staff attending C&D waste webinar in Q1. Mattress diversion on hold until new EPR program initiated, with consultation in 2023, expected launch 24/25.
Balfour Wood Chip Pile Relocation	2020-05-01	Mgr. Resource Recovery	Waste Management and Alternatives	Central RR Subregion	40% to 60% complete	2023-08-31	Internal fleet are continuing to transport chips as drivers/equipment is available and storage areas at Central are accessible.
Creston Septage Facility	2018-06-01	Mgr. Resource Recovery	Waste Management and Alternatives	East RR Subregion	1% to 20% complete	2024-12-31	Construction project ON HOLD Awaiting RRP approval for Long Term borrowing for works to proceed. Draft 2023 Financial Plan shows budget to proceed with design in 2023 (\$125K).
Creston Eco-Depot	2018-10-10	Mgr. Resource Recovery	Waste Management and Alternatives	East RR Subregion	1% to 20% complete	2023-06-30	No change in Q4.
Legacy Landfill Closure Plan Assessments	2020-03-01	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	1% to 20% complete	2023-12-31	No change in Q4. Intend to initiate procurement of landfill assessments under Eng Services Standing Offer. RRP identifies 10 sites in total.
Septage Management Options for Central and West subregions	2019-06-19	Mgr. Resource Recovery	Waste Management and Alternatives	Central RR Subregion, West RR Subregion	20% to 40% complete	2023-12-31	No change in Q4. Staff have proposed completing assessment/design/piloting at Central facility in draft 2023 Financial Plan.

ENVIRONMENTAL SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Ootischenia landfill lands acquisition	2018-01-01	Mgr. Resource Recovery	Waste Management and Alternatives	Central RR Subregion, West RR Subregion	1% to 20% complete	2023-12-31	Staff will be engaging with the Ministry on preparing a land application in Q1. Awaiting confirmation of removal of LKB objection to lands acquisition.
Regional RR Facility surveillance upgrades	2018-03-15	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	80%- 99% complete	2023-09-30	No change in Q4. Comprehensive program for surveillance monitoring and maintenance required in 2023.
HB Tailings Facility Remediation and Closure	2016-08-18	Mgr. Resource Recovery	Not aligned with a Strategic Priority	Central RR Subregion	80%- 99% complete	2024-12-31	Independent Tailings Review Board inspected site in Q4, staff and Engineer or Record reviewing ITRB report in Q1. Asbuilts and project completion documentation is underway. Entering 2 years of active care with increased monitoring and compliance with permit requirements.
Collaboration with City of Nelson on organics program	2019-01-01	Mgr. Resource Recovery	Waste Management and Alternatives	City of Nelson	80%- 99% complete	2023-12-31	Expect findings of Selkirk college & City organics material management study in Q1. Nelson and RDCK staff meet semi monthly to share information on diversion program advancement. Staff began participating in City's Advisory committee on their organics diversion program. Letter for City sent in early Q3 to request intentions to participate in RDCK's organics program to allow for planning & program implementation to proceed efficiently, no response to date.
Scale Software upgrade	2022-01-01	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	60%- 80% complete	2023-04-30	Implementation planning, installation and testing occurred in Q4 and continuing into Q1. Staff training to begin in Q1 with phased launch occurring through Q1.
Rural curbside service investigation and consultation	2021-09-01	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	20% to 40% complete	2023-06-30	Public consultation to occur in Q1/Q2. Results to be returned to JRRC in May/June. Staff directed to plan for Assent Voting should the consultation demonstrate public acceptance on the proposed service.
Drone survey equipment & landfill software	2022-01-01	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	80%- 99% complete	2023-06-30	On-going training. Able to survey most RR sites, OOT/CRE are near airports and require an advanced status to be completed by GIS tech in Q2.

ENVIRONMENTAL SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
RR Facility washroom installation project	2018-12-12	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	60%- 80% complete	2024-12-31	On hold until 2024. Completed ROS, CEN, OOT, CRE, NAK. Remaining sites awaiting site developments works (Slocan), hydrotech assessment (CBay) or planned for coming years.
Regional finished compost sales and distribution planning	2022-10-01	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	1% to 20% complete	2023-06-30	No change in Q4. Staff directed to commence planning for in-house sales and distribution of Class A compost with 20% reserved for municipal RDCKB partners that provide feedstock and 0.5% free for non-profit organizations that supply local food. Staff to engage with partners to assess preferences and gauge interest from agriculture sector.
Assess at home composting technology for electoral areas and municipalities not yet part of Phase 1 curbside program	2022-10-01	Mgr. Resource Recovery	Waste Management and Alternatives	Entire RDCK	100% complete	2023-06-30	Staff completed assessment and brought report to Dec JRRC. With the outcomes of the assessment, Board directed staff to take no further action investigating at-home food units/systems for rural areas deemed feasible to receive curbside services.
Asbestos Waste management area at Creston Landfill	2019-12-01	Mgr. Resource Recovery	Waste Management and Alternatives	East RR Subregion	1% to 20% complete	2023-06-30	Project on hold pending obtaining License of Occupation for the "wedge" parcel. Intent is to improve site safety and meet best practices for handling/disposal, while reducing future liabilities.
Erickson 2022 First Phase, Priority Metering Project	2021-10-27	Mgr. Utilities	Part of RDCK Core Services	Area A,Area B	1% to 20% complete	2023-12-31	This project consist of installation about 100 priority (potentially higher consumption) water meters in Erickson. Priority includes Industrial, Commercial and Institutional properties and properties with 5 acres or more of Agricultural Land Charge. Budget has been approved for the first phase project. Project is on hold as we have now concurrently submitted a Strategic Priorities Fund grant application on 30 June 2022 for 100% funding of an Erickson Universal Metering Project to meter all 653 unmetered customers. If grant is successful, eligible costs start from the time of application.

ENVIRONMENTAL SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Abandonment of Pipe in Place & Discharge of Easements Policy	2019-12-23	Mgr. Utilities	Part of RDCK Core Services	Area A,Area B,Area C,Area D,Area E,Area F,Area G,Area H,Area J,Area K	80%- 99% complete	2023-03-31	There is currently no known legislation or guidelines on abandonment in place or removal and of asbestos cement pipe during water line replacements. Current industry practice is to abandon pipe in place. At the time of abandonment, the pipe is considered safe as long as it remains buried and not friable. The concern is that the pipe will continue to deteriorate over time and could become a liability and a hazard to future generations if exposed. Draft policy completed. Legal opinion has been requested. No progress last quarter due to other staff priorities.
Water Quality Risk Management Plan	2018-10-01	Mgr. Utilities	Part of RDCK Core Services	Area A	80%- 99% complete	2023-03-31	A Policy is required for management Regional District water systems on Boil Water Notice or Water Quality Advisories with no immediate plan for improvement due to financial constraints or lack of public approval. A policy has been drafted that addresses risk, liability and water system management. A request for a legal opinion has been issued. No progress last quarter due to other staff priorities.
Transfer of Arrow (Erickson) Open Reservoir to Town of Creston	2019-07-25	Mgr. Utilities	Coordinated Service Delivery	Area A,Area C,Town of Creston	80%- 99% complete	2023-04-30	The old Arrow open drinking water storage reservoir has been abandoned and a wetlands and park developed by the Town of Creston. A statutory right of way required for an Erickson water line at edge of the property and an asset transfer agreement is to be drafted by the Town of Creston to transfer the land and assets from the Regional District to the Town.
Conversion of Water Commissions to Community Advisory Committees	2022-03-28	Mgr. Utilities	Part of RDCK Core Services	Area A,Area B,Area D,Area H	60%- 80% complete	2023-03-31	The Regional District has both volunteer Water Commissions and Community Advisory Committees to provide consultation with Regional District water customers. Commission are proposed to be replaced with Water Community Advisory Committees, except Arrow and Ymir. The existing Water Community Advisory Committee policy first needs to be replaced with a Water Community Advisory Committee Bylaw. The Bylaw has been drafted and presented to the Water Services Committee. Clarity is required between Water Advisory Water Community Advisory Committee and other RD Committee procedures and function.
Cross Connection Control Program Review	2020-09-17	Mgr. Utilities	Water Protection and Advocacy	Area A,Area B,Area C,Area D,Area E,Area F,Area G,Area H,Area J,Area K	60%- 80% complete	2023-06-30	A connection program protects contaminates from entering a water system. The program provide guidance on when backflow preventers should be installed on customer water connections. Program review completed. Water Bylaw revised. Program procedures still required. Guidelines update still required. No progress this period.

ENVIRONMENTAL SERVICES							
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Burton, Fauquier and Edgewood Water Maintenance Contract Renewal	2021-03-30	Mgr. Utilities	Part of RDCK Core Services	Area K	1% to 20% complete	2023-06-30	Project delayed due to other staff shortage and other priorities. Contract might be renewed first half of 2023.
Woodland Water Well Replacement	2021-03-15	Mgr. Utilities	Part of RDCK Core Services	Area F	100% complete	2022-12-31	Project is essentially completed. New well is commission an operating as planned. Minor site restoration work is required in the spring.
RDCK Asset Management	2018-01-31	Sr. Project Mgr.	Part of RDCK Core Services	Entire RDCK	40% to 60% complete	2023-06-30	FCM MAMP grant funds (\$38,500) received. Community Works grant funds (\$16,500) received. Initiated the GIS database development process with GIS staff. Received comprehensive excel data and photos of previous inspections from Consultant to input into GIS system when available. Facility Condition Assessments are completed. Extension to June 2023 approved. RFP for consultant guidance and software recommendations out on BCBid.

COMMUNITY SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Fees & Charges Bylaw	2020-06-20	GM Community Services	Recreation , Parks and Trails	All Electoral Areas	40% to 60% complete	2022-06-16	Admission Fees approved in August 2021. Work is ongoing on rental fees application.
South Slocan Old School House Redevelopment	2020-01-01	GM Community Services	Recreation , Parks and Trails	Area H	20% to 40% complete	2023-09-30	Restructuring service to fund from S231 and close S214. Require Grant Researcher/ writer - This has been impacted by work on Krestova park. Cover Architecture - awaiting direction. Initial drawings and estimates - redeveloping to reduce costs - Building Cost Estimates are continuing to come in very high.
Campbell Fields Recreation Development Feasibility Study	2017-06-15	GM Community Services	Recreation , Parks and Trails	Area E,Area F,Area H,Area I,Area J,City of Castlegar,City of Nelson,Village of Slocan	40% to 60% complete	2023-04-30	3rd phase Report completed and posted on website. Reviewing Report with School District is the Next Step. Expect a meeting of the partners January 2023. https://www.rdck.ca/EN/main/services/rdck-recreation-master-plans/campbell-field.html
Creston Library Contract	2018-11-06	GM Community Services	Coordinated Service Delivery	Area A,Area B,Area C,Town of Creston	20% to 40% complete	2022-04-01	Met with library staff. Have integrated some capital work into financial plan. Library staff reviewing present contract.
Proposed Goat Riverside Park	2019-05-16	GM Community Services	Recreation , Parks and Trails	Area A,Area B,Area C,Town of Creston	1% to 20% complete	2024-12-31	The RDCK will be meeting the representatives from Lower Kootenay Band and Trails for Creston Valley Society in November to continue discussions about appropriate parks areas. TUS draft sent to RDCK staff -returned to consultants with comments
Arena Floor Replacement Project-Castlegar and District Complex	2021-11-01	Mgr. Castlegar Rec	Recreation , Parks and Trails	Area I,Area J,City of Castlegar	20% to 40% complete	2023-10-01	There will be financial and social impacts to community for this project. The project is out to tender with closing Q1 2023. It is projected to start in March 2023 and be completed in October 2023.
Surveillance Camera Upgrade	2022-01-01	Mgr. Castlegar Rec	Recreation , Parks and Trails	Area I,Area J,City of Castlegar	40% to 60% complete	2022-11-19	Current Cameras and server are outdated and in need of replacement. Partial capital replacement - \$20,000 in 2022. Camera's purchased and onsite. Installation in Q1 2023. Budget consideration for 2023 to complete.
Fitness Center Air Handling Unit (AHU)	2020-01-01	Mgr. Castlegar Rec	Recreation , Parks and Trails	Area I,Area J,City of Castlegar	60%- 80% complete	2022-12-31	Fitness Center AHU's at end of current serviceable life. Commission approved project to proceed in September 2021. With funds from S227 reserve. Project was tendered but price was significantly over budget. Staff acted as act as GC, coordinating trades for installation. Supply chain issues delayed installation. Only

COMMUNITY SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
							one unit has been installed to date. Second unit to arrived and planning to install in Spring of 2023. Part of capital asset renewal. \$100,000.00 budget in 2022.
Capital Exterior Door Replacements	2021-01-01	Mgr. Castlegar Rec	Recreation , Parks and Trails	Area I,Area J,City of Castlegar	60%- 80% complete	2022-12-31	Part of capital asset renewal plan. \$25,000.00 allocated in 2022. Receipt of doors delayed due to supply chain issues. Installing as they come in, will continue into 2023. Budget consideration for 2023 to continue with replacement plan. Many of the Complex exterior doors require replacement and have been identified in the Condition assessment.
Castlegar and District asset management process/strategic planning	2019-06-01	Mgr. Castlegar Rec	Recreation , Parks and Trails	Area I,Area J,City of Castlegar	80%- 99% complete	2022-12-31	As part of the Asset Management process, a Building Condition Assessment and Lifecycle study was completed on the Castlegar and District Community Complex. Commission hired consultant to lead a Strategic Planning session in part to determine how to fund the asset management going forward. Commission to consider a capital asset management funding program for 2023 budget and beyond.
Nelson Curling Club Operations Request	2023-01-25	Mgr. Nelson Rec	Recreation , Parks and Trails	Area E,Area F,City of Nelson	20% to 40% complete	2023-12-31	Nelson Curling Club presented a new report to Nelson and District Recreation Commission asking RDCK staff to take over the operations of the ice plant at the Nelson Curling Club. Staff received direction to explore the feasibility of RDCK involvement with the curling facility and to report back at a future Commission meeting.
Develop Terms of Reference for Nelson and Area Recreation Commission	2020-11-19	Mgr. Nelson Rec	Recreation , Parks and Trails	Area E,Area F,City of Nelson	100% complete	2022-12-31	Nelson and District Recreation Commission service review is nearing completion. Service Review to provides clarity on Terms of Reference of commission. New Establishment Bylaw has been completed.
RDCK Inclusion and Access in Community Services	2019-09-18	Mgr. Nelson Rec	Recreation , Parks and Trails	Entire RDCK	60%- 80% complete	2023-12-31	New training initiatives were implemented for summer camp staff as part of onboarding and training. External Support Worker (ESW) presented to All Recreation Committee for review in September. ESW opportunities to be expanded to other recreation services through 2022 and 2023. ESW opportunities for all admission programs roll out planned in Q2.
NDCC Aquatic Centre Lighting Upgrade	2021-02-24	Mgr. Nelson Rec	Recreation , Parks and Trails	Area E,Area F,City of Nelson	100% complete	2022-12-31	Project has begun and is anticipated to be completed by the end of 2022.

COMMUNITY SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
External Support Worker	2022-09-15	Mgr. Nelson Rec	Recreation , Parks and Trails	Entire RDCK	40% to 60% complete	2023-02-28	That RDCK Community Services expands the External Support Worker process to include all programs for participants aged 18 and under and for all drop in services across RDCK recreation facilities, AND FURTHER; that the RDCK completes an evaluation of the process at the end of 2022 to amend as necessary. Process on drop-in activity support workers currently being finalized. Anticipate program to be offered by January 31, 2023.
Glacier Creek Park and Commission Bylaw No.1306 amendment	2021-12-09	Mgr. Parks	Recreation , Parks and Trails	Area D,Village of Kaslo	Not Started	2023-08-31	726/21 That staff amend the Glacier Creek Park Commission Bylaw No. 1306, 1998 to reduce the membership from nine members to five members with the resulting quorum. Currently there is no Commission.
Regional Parks & Trails Master Plan/Strategy	2017-05-17	Mgr. Parks	Recreation , Parks and Trails	Entire RDCK	40% to 60% complete	2023-11-30	Working Group meeting on October 10, 2019. Board appointed Directors Popoff, Anderson and Jackman to the working group assisting staff with the review of the Parks & Trails Masterplan RFP at the June 20, 2019 meeting. Staff working on Regional Parks & Trails Inventory is complete to a standard that allows us to proceed to RFP development. Anticipate a RFP award in September 2019. Working group met Feb 27 2020 to discuss RFP information. RFP working group has met several times for final RFP assessment. Mark reported at March 2022 All Recreation Meeting - final stages of RFP.
Taghum Beach Parking lot improvements	2021-03-31	Mgr. Parks	Recreation , Parks and Trails	Area E,Area F,Area G,Village of Salmo,City of Nelson	1% to 20% complete	2023-12-31	Staff will continue working with engineer during spring 2023 with project design for fall 2023.
Traditional Use Study - Crawford Bay Regional Park Management Plan	2018-03-01	Mgr. Parks	Recreation , Parks and Trails	Area A	60%- 80% complete	2023-03-31	Next steps for Management Planning is a Traditional Use Study (TUS) completed by Ktunaxa Nation Council in 2022.
Waterloo Eddy Regional Park Construction	2018-03-01	Mgr. Parks	Recreation , Parks and Trails	Area I,Area J,City of Castlegar	60%- 80% complete	2024-11-30	Final work on Boat and Trailer Parking area. Further amenities spring/summer 2023.

COMMUNITY SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Lardeau Regional Park Construction - as per Management Plan	2021-04-15	Mgr. Parks	Recreation , Parks and Trails	Area D,Village of Kaslo	60%- 80% complete	2024-10-22	Maintenance contract worker found. Working on waterfront cleanup and restoration as per the Management Plan and approved financial plan Amenity installations and small waterfront restoration budgeted for in 2023.
Glade Legacy Project	2017-07-01	Mgr. Parks	Recreation , Parks and Trails	Area I	20% to 40% complete	2024-10-31	Staff has reviewed draft options and sent back to consultant, still need to meet with consultant. Staff working with consultant for final draft.

FIRE SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Area D First Responder Service	2020-02-20	Regional Fire Chief	Part of RDCK Core Services	Area D	20% to 40% complete	2023-06-30	Q3 update - The fire and administration groups are consulting with stakeholders and undertaking a comparative analysis of service delivery options for Area D . A report should be ready for Board consideration in Q1 2023. Q4 update - this continues to be a staff priority to bring to Board in Q1.
Transition to Fraser Fort George Dispatch for all fire departments	2022-01-01	Regional Fire Chief	Part of RDCK Core Services	Area A,Area B,Area C,Area D,Area E,Area F,Area G,Area H,Area I,Area J,Area K,Town of Creston,Village of Salmo,Village of Kaslo,Village of Slocan,Village of Nakusp,Village of Silvertown,Village of New Denver	60%- 80% complete	2023-06-30	Staff are working with stakeholders on the preparation for transition for the implementation phase of the project. Dispatch infrastructure including "Radio over IP" being installed, October - November 2022. Training plan developed, implementing October - November 2022. Scheduled date of transition from Kelowna to Fraser Fort George dispatch - November 16, 2022. Supply chain delays have pushed the date for all departments to change to radio over IP to the Q2 of 2023. Fraser Fort George dispatch cutover from Kelowna complete.
Changes to allow RDCK firefighters to deliver higher levels of care as pre hospital care providers	2018-09-01	Regional Fire Chief	Part of RDCK Core Services	Entire RDCK	60%- 80% complete	2023-12-31	Current BCEMA Licensing does not allow first responders to work outside of their scope of practice. Medical Direction was successful in setting baseline standards for the pre hospital care services RDCK Firefighters provide. BCEMA Licensing has announced new scope of practice options for First Responders; staff are waiting for further details. Jan 26 2023 Staff still awaiting the new training and evaluation curriculum from EMA licensing to allow Responders to work to a higher scope of practice.
BC Structure Firefighter Minimum Training Standards	2016-10-01	Regional Fire Chief	Part of RDCK Core Services	Entire RDCK	80%- 99% complete	2023-12-31	New BC Structure Firefighter Minimum Training Standard distributed in September/October 2022. Replaces the previous BC Structure Firefighter Playbook. Staff currently analyzing and assessing updates and changes, developing a comprehensive training plan to meet objectives. Local Authorities are required to have the new standard incorporated in their fire training program for March of 2024.

FIRE SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Area H Hills Service Case Analysis	2021-09-23	Regional Fire Chief	Part of RDCK Core Services	Area H	Not Started	2023-12-31	Develop a service case for establishing an RDCK volunteer fire department to service the Hills area. Q3 2022- no progress to report on this initiative due to competing project priorities.
Crawford Bay Fire Service feasibility study	2016-01-01	Regional Fire Chief	Part of RDCK Core Services	Area A	60%- 80% complete	2023-12-31	This project analyzes options for establishing a fire hall in the Crawford Bay area. A draft options review was provided to the Area Director for review in 2020 and this project is on hold pending feedback.
2170 Fire Service Bylaw Update	2020-04-01	Regional Fire Chief	Part of RDCK Core Services	All Electoral Areas	60%- 80% complete	2023-03-31	This comprehensive bylaw update will consolidate previous bylaw amendments, address service level declarations under the playbook, update the schedules for delivered services and provide appropriate authority to municipalities for fire service contract areas. This has been delayed to the end of 2021 due to staff absences and the 2021 Wildfire Season. Q3 update- the bylaw is in the final stages of review and should come forward for Board consideration in Q1 2023.
Creston area Sub-Regional Fire Service	2012-01-01	Regional Fire Chief	Part of RDCK Core Services	Area A,Area B,Area C,Town of Creston	80%- 99% complete	2023-12-31	This ongoing project aims to align and streamline fire services delivery between the RDCK and Town of Creston in the Creston Valley . Q3 update - the Canyon Lister service has been successfully transitioned from the RDCK to the Town of Creston. RDCK and Town staff will now proceed to negotiate a valley-wide contract for end 2023 in accordance with the Project Charter.
Service S128 Riondel Fire Protection	2020-08-20	Regional Fire Chief	Part of RDCK Core Services	Area A	40% to 60% complete	2023-09-21	This project involves evaluating equitable share of funding for the Riondel Fire Services for providing First Responder and Road Rescue services outside of the fire service boundary. Q3 update- The Province has advised that Service 152 should be spilt into new service areas. Next Step- staff will target Q2 2023 to provide report to Board summarizing the situation and seeking direction to prepare new service establishment bylaw(s).

CORPORATE SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Conference Report and Policy	2019-04-01	CAO	Part of RDCK Core Services	Entire RDCK	60%- 80% complete	2023-12-31	CAO to prepare a report to the Board for November 2019 on recommendations for a policy on conference attendance. The Board gave direction to staff for a policy to be created and it will be brought to the March 2020 meeting for approval. Delay - COVID response has delayed this report - Staff is now looking at this being brought post election as part of 2023 budget planning.
Support on Cannabis	2021-06-17	CAO	Food security and Agriculture	All Electoral Areas	40% to 60% complete	2023-10-31	CAO is reviewing the needs that came out the Cannabis Regulatory Needs and will be recommending meetings with various ministries to move this along. CAO has been appointed to a UBCM working group that is discussing future opportunity for producers and public engagement in 2022, particularly on farm gate sales. The risk is alignment between the province and local government, to allow LG time to implement any bylaw changes required. Current discussions are around "what we heard" document re: consumption spaces.
Service Review - Nelson, Area F and Defined Area E Recreation	2019-09-19	CAO	Recreation , Parks and Trails	Multi Regional	100% complete	2023-01-31	The bylaw has been approved by the Ministry and adopted by the Board. Project Complete.
Director's Code of Conduct Review	2022-12-15	Mgr. Corporate Admin	Not aligned with a Strategic Priority	Entire RDCK	1% to 20% complete	2024-04-18	The Board has directed staff to initiate a review of Policy 100-01-17 Director's Code of Conduct in accordance with the new Community Charter requirements and for a draft policy to be brought forward for Board consideration at the April 2024 Board meeting.
Riondel Commission Bylaw Update	2012-01-01	Mgr. Corporate Admin	Coordinated Service Delivery	Area A	80%- 99% complete	2023-03-31	This project is a full overhaul of the Commission bylaw to reflect the current best practices for authorities delegated to Commissions. Q3 update - Board consideration of bylaw adoption will occur after the Water Community Advisory Committee bylaw has been adopted and communicated to the Commission, expected in Q1 2023
External Appointments Policy	2021-12-14	Mgr. Corporate Admin	Not aligned with a Strategic Priority	Entire RDCK	100% complete	2022-09-30	This policy will establish the Board's requirements for appointees to external committees and agencies to report back to the Board. Q4 update - final draft policy was considered at the October 2022 Board meeting and more time was requested for Director comments. The policy was adopted at the November Board meeting.

CORPORATE SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Shoreacres No Hunting or Discharge of Firearm Bylaw Survey	2019-09-19	Mgr. Corporate Admin	Not aligned with a Strategic Priority	Area I	1% to 20% complete	2023-07-31	No progress in Q4 2022 due to competing project priorities. Expected completion is in 2023.
West Kootenay Transit Services Governance Review	2022-02-17	Mgr. Corporate Admin	Coordinated Service Delivery	Central RR Subregion, West RR Subregion	1% to 20% complete	2023-03-31	This project will evaluate options for enhancing the governance and decision making for the West Kootenay Transit system (Castlegar and area, North Shore, Slocan Valley and Kootenay Lake West to support implementation of West Kootenay Transit Future Service Plan and consider the apportionment of costs . Q4 update- no progress to report due to competing project priorities for Research Analyst.
Transit Service Funding Review	2019-07-18	Mgr. Corporate Admin	Part of RDCK Core Services	Central RR Subregion, West RR Subregion	80%- 99% complete	2023-02-16	Q4 2022 update - The remaining component of this project is to finalize the funding model for the Kootenay Lake West service. Staff will prepare a report and make recommendation to the Board in Q2 2023 regarding weighting of the cost apportionment criteria for this bylaw.
Water Service Bylaw Review	2018-05-02	Mgr. Corporate Admin	Water Protection and Advocacy	Area A, Area B, Area D, Area E, Area G, Area H, Area J, Area K, Town of Creston	80%- 99% complete	2023-05-31	This project follows from the 2020 Water Governance Review Q4 2022 update - Rescinding the Sanca Commission bylaw and amending the Riondel Commission bylaw are the only outstanding items remaining on this project. These will be considered by the Board following the update to the Community Advisory Committee bylaw expected in Q1 2023.
Special Event Permit Regulatory Bylaw	2017-10-01	Mgr. Corporate Admin	Part of RDCK Core Services	Area H	80%- 99% complete	2023-04-30	Q4 2022 update - Due to issues with events held in Q3 2022, the Board has directed staff review options to make the bylaw more effective. This report will come forward in late Q1 2023/ early Q2 2023.
WKBRHD Policy Manual	2020-10-25	Mgr. Corporate Admin	Part of RDCK Core Services	Multi Regional	40% to 60% complete	2023-10-25	At the October 2020 meeting the WKBRHD Board directed staff to develop 4 new policies. Q4 2022 update-This is considered a low priority item and has not progressed due to competing project priorities. Draft policies are expected to come forward for WKBRHD Board consideration in 2023.
RDCK website improvements- Phase Two	2020-01-01	Mgr. Corporate Admin	Coordinated Service Delivery	Entire RDCK	60%- 80% complete	2023-04-30	This project will deliver a major upgrade to the RDCK website. Q3 2022 update- The active phase of website development is underway, with overall design and layout being finalized in Q4 . Content updates are well underway. The expected project completion and website launch is late Q1, early Q2 2023.

CORPORATE SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
Delegation of Authority Bylaw	2018-01-01	Mgr. Corporate Admin	Part of RDCK Core Services	Entire RDCK	20% to 40% complete	2023-03-31	The Bylaw will identify complete list of authority delegated to staff. No progress made in Q4 2022 due to competing project priorities. A draft bylaw is targeted to be received for Board consideration in Q2 2023.
Referendum Support Policy	2018-06-21	Mgr. Corporate Admin	Not aligned with a Strategic Priority	Entire RDCK	Not Started	2023-12-31	Board directed that staff develop a policy to guide Board decision making in response to requests for RDCK support for groups taking specific positions on RDCK referenda. This is considered a low priority item and no progress made in Q4 2022. This policy will be prioritized in the context of policy work included in the 2023 work plan.
Public Notice Bylaw	2022-05-15	Mgr. Corporate Admin	Coordinated Service Delivery	Entire RDCK	1% to 20% complete	2023-07-20	Changes to the Local Government Act in 2021 give the RDCK more options for publishing official notices. Subsequent to the board consideration of this matter in Q2 2022, staff intend to bring a draft bylaw to the Board completion in early Q3 2023.
Policy to Address Harassment of Staff Attending Private Properties	2022-05-19	Mgr. Corporate Admin	Coordinated Service Delivery	Entire RDCK	1% to 20% complete	2023-05-18	This policy will accompany the Respectful Behavior bylaw currently being developed and will cover employees attending private properties in the course of their duties, such as building inspectors and bylaw officers, while the bylaw will apply to RDCK facilities. Q4 update- The policy will be received by the Board in draft form in Q2 2023 following discussion of the Respectful Behaviour bylaw.
Fireworks bylaw feasibility report	2020-11-15	Mgr. Corporate Admin	Not aligned with a Strategic Priority	Area E	Not Started	2024-01-18	Board has directed that staff prepare a report outlining the feasibility of developing and implementing a fireworks bylaw. Q4 2022 update- this project has not advanced due to competing project priorities.
Area H and I Dog Control Service Case Analysis	2020-03-19	Mgr. Corporate Admin	Coordinated Service Delivery	Area H,Area I,Village of Slocan,Village of Silvertown,Village of New Denver	80%- 99% complete	2023-12-31	Service case analysis will be prepared based on estimated contract service costs. Q4 update- no progress to report on this initiative. This project was stalled through 2021 and 2022 due to high workload and higher priorities for bylaw enforcement staff. The project is targeted for completion in 2023.
Permissive Tax Exemption Policy	2022-02-17	Mgr. Corporate Admin	Part of RDCK Core Services	All Electoral Areas	1% to 20% complete	2023-05-31	A report to the Board will be prepared which explains the legal eligibility criteria for receiving a permissive exemption and that proposes criteria for the Board to consider when exercising its discretion to award these exemptions. A draft of a new policy will be included with the report. No progress was made on this initiative in Q4

CORPORATE SERVICES							
Project/Initiative Name	Date Assigned	Responsible Manager	Board Strategic Priority	Applicable Areas of RDCK	Project Completion Status	Anticipated Completion Date	Board Notes
							2022 due to competing project priorities. Report will come to Board before the end of Q2 2023.
Respectful Workplace Bylaw	2022-01-17	Mgr. Corporate Admin	Part of RDCK Core Services	Entire RDCK	60%- 80% complete	2023-04-20	The bylaw will define inappropriate behavior at RDCK facilities and include processes to follow for incidents of staff harassment by the public. Q4 update - Senior manager review of draft bylaw is underway. A draft bylaw will be received by the Board in March 2023.
New external Auditors for the 2022 Audit year	2022-09-23	Mgr. Finance	Coordinated Service Delivery	Entire RDCK	1% to 20% complete	2023-04-15	In September 2022 the Board selected a new external audit firm for the current 2022 Year and then for 2023 and 2024. There will be transitional work and a Project approach to the new firm of BDO Dunwoody and our first year working with the new firm.
Timesheets application in Project Management module	2018-03-01	Mgr. Finance	Part of RDCK Core Services	Entire RDCK	1% to 20% complete	2023-06-30	Implementation of the Timesheets functionality for a test or beta group to have electronic timesheets be created, submitted and approved to then be integrated to the Payroll intake to improve efficiencies. Since starting with this project it became apparent that there were system improvements to make prior to moving to a new platform. With additional staff in Payroll in the fourth quarter of 2022 we expect to proceed with our development of standardization with submissions and upload of data and will continue this work through the 2022 year.
Enhanced features in the Project Costing Module	2018-04-15	Mgr. Finance	Part of RDCK Core Services	Entire RDCK	20% to 40% complete	2022-12-31	A reassessment of the coding categories will be evaluated. Exploration of the "Main" project umbrella are in development.
PerfectMIND contract negotiation	2022-02-04	Mgr. IT	Recreation , Parks and Trails	All Electoral Areas	60%- 80% complete	2023-06-16	Reviewing and collaborating with other local governments to negotiate a contract that is in the best interest of the RDCK.
Microsoft Exchange 365	2023-01-03	Mgr. IT	Part of RDCK Core Services	All Electoral Areas	1% to 20% complete	2023-12-15	This project is to align our infrastructure/hosted environment with security and functional requirements.
Information Technology Infrastructure Replacement - Wireless Firewalls	2022-04-01	Mgr. IT	Part of RDCK Core Services	Multi Regional	80%- 99% complete	2023-04-04	This project is required to replace firewalls and wifi routers that are at end of life.

CAPITAL PROJECTS TO DECEMBER 31, 2022

ACTIVE PROJECTS BEING MANAGED: 39 (9 Completed YTD)				TOTAL BUDGET BEING MANAGED \$11,800,000				
Project Name	PM	Start Date	End Date	% Complete	Status	Project Type	Project Phase	Status – Next Steps
Asset Management	AJ Evenson	1-Jul-2020	4-Jul-23	50%	In Progress	Other	Detailed Design	Grant funds received. Working on database /GIS coordination in the spring of 2022. Assessments underway. Extension received to June 2023 to procure asset mgmt software. RFP For Consultant in progress.
Central Compost Facility	AJ Evenson	1-Jan-2021	29-Jun-23	80%	In Progress	Resource Recovery	Construction	Facility substantially complete. Generator and a few electrical components delayed to spring 2023.
Grohman Compost Upgrades	Jeannine Bradley	1-Sep-2022	4-Jan-23	15%	In Progress	Resource Recovery	Procurement	Waiting on bin lid design. Tetrattech redesigning the bolt spacing.
Ootischenia Compost Upgrades	AJ Evenson	1-Jan-2021	30-Jun-22	100%	Completed	Resource Recovery	Construction	Completed and waiting for final invoice.
HB Tailings Facility Closure	AJ Evenson	1-Jan-2021	22-Sep-22	100%	Completed	Civil	Construction	Completed on September 15, 2022.
Woodbury Water System Upgrades	AJ Evenson	1-Jan-2021	30-Jun-23	50%	In Progress	Utilities	Detailed Design	Waiting on Interior Health permit to construct.
East Shore Connectivity Project	AJ Evenson	1-Jan-2021	31-Oct-24	15%	In Progress	Utilities	Procurement	Working on several partnerships with non-profit organizations in the area. Working to confirm direction how to proceed.
Castlegar Rec Centre - Childcare Expansion	Shari Imada	1-Jan-2021	9-Jun-22	100%	Completed	Buildings	Close Out	Complete.
NDMP Stream 3	AJ Evenson	1-Jun-2021	27-Mar-23	75%	In Progress	Other	Detailed Design	Have received preliminary report details and designs from BGC for Eagle and Duhamel and Salmo. Workshop in March 2023.
Slocan Schoolhouse Demolition	Unallocated	1-Jan-2021	27-Jul-23	10%	On Hold	Buildings	Concept Design	Conceptual design complete. Project is seeking funding from a variety of sources.
Lakeside Office RTU & Roof Replacement	AJ Evenson	1-Jan-2021	1-Dec-22	100%	Completed	Buildings	Construction	Complete as of December 2. Final air balancing on December 8/9.
Central Transfer Station - Attendant Shack Upgrades	AJ Evenson	1-Aug-2021	4-May-23	95%	In Progress	Buildings	Construction	Alarm to be connected in December/January, well to be tied in once frost is out of the ground, snow guards installed early December, other deficiencies completed in early December.

CAPITAL PROJECTS TO DECEMBER 31, 2022

ACTIVE PROJECTS BEING MANAGED: 39 (9 Completed YTD)				TOTAL BUDGET BEING MANAGED \$11,800,000				
Project Name	PM	Start Date	End Date	% Complete	Status	Project Type	Project Phase	Status – Next Steps
Asset Inspections for NDCC, CDCC, NSH	AJ Evenson	1-Jan-2021	7-Apr-22	100%	Completed	Other	Close Out	Completed in March 2022.
East McDerimid Dam Decommissioning	AJ Evenson	15-Oct-2021	13-Oct-22	100%	Completed	Other	Construction	Construction complete. Final claim to submit to EMBC. Meeting with EMBC in early January 2023.
West Creston Fire Hall	AJ Evenson	15-Oct-2021	7-Sep-23	10%	In Progress	Buildings	Detailed Design	Issue with Fortis and previous electrical design, working through non-compliance. Waiting on Building Permit.
CDCC East Stairwell	Jeannine Bradley	1-Jan-2022	9-Feb-23	25%	In Progress	Buildings	Construction	In progress. Site construction to start mid January. Estimated 4 week duration.
Rosebery TS Site Upgrades and CCTV	AJ Evenson	1-Nov-2022	16-Oct-23	0%	Not Started	Resource Recovery	Initiation	Design and procurement to be undertaken in winter for spring construction.
Salmo Pool Upgrade	AJ Evenson	1-Apr-2022	25-May-23	25%	In Progress	Buildings	Construction	Mechanical awarded to KB Mechanical. Interior Health permit to construct received. Waiting on Salmo Building Permit.
Ootischenia Fire Hall Expansion	Jeannine Bradley	1-Oct-2022	14-Sep-23	5%	In Progress	Buildings	Detailed Design	Design awarded to Cover Architecture. End of Feb for 75% dwgs. Construction in 2023.
Fire Hall Exhaust Extraction System	Jeannine Bradley	1-Apr-2022	16-Nov-23	15%	In Progress	Buildings	Procurement	Site tours completed. Working on scheduling with Contractor. Electrical and structural analysis underway.
Central Lock Block Wall	AJ Evenson	1-Oct-2022	1-Dec-22	100%	Completed	Civil	Construction	Substantially complete as of November 15. Additional site gravel required. Some deficiencies/grading in spring.
Balfour Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	0%	Not Started	Buildings	Initiation	Will commence in early 2023.
Beasley Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	30%	In Progress	Buildings	Initiation	Siding and Firesmart work completed. Working on generator and OH door quotes.
Blewett Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	In Progress	Buildings	Initiation	OH door contract being set up. Evaluating applying for Firesmart grant work in 2023.
Canyon Lister Fire Hall Upgrades	Jeannine Bradley	1-May-2022	22-Jun-23	100%	Completed	Buildings	Initiation	All Firesmart work completed.

CAPITAL PROJECTS TO DECEMBER 31, 2022

ACTIVE PROJECTS BEING MANAGED: 39 (9 Completed YTD)				TOTAL BUDGET BEING MANAGED \$11,800,000				
Project Name	PM	Start Date	End Date	% Complete	Status	Project Type	Project Phase	Status – Next Steps
Crescent Valley Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	Not Started	Buildings	Initiation	Firesmart work complete. Heat pump repairs underway. OH doors underway, spring 2023 installation.
North Shore Fire Hall Upgrades	Patrick Thrift	1-May-2022	22-Jun-23	50%	In Progress	Buildings	Initiation	Fencing work completed. Remaining scope to be undertaken in 2023.
Ootischenia Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	0%	Not Started	Buildings	Initiation	Remaining scope to be undertaken in 2023.
Pass Creek Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	In Progress	Buildings	Initiation	Firesmart work in progress. Heat pump RFQ in progress.
Passmore Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	0%	Not Started	Buildings	Initiation	Heat pump repair in progress. OH doors underway, spring 2023 installation. Working on generator scope and quotes.
Riondel Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	In Progress	Buildings	Initiation	Firesmart work in progress. Remaining scope to be undertaken in 2023.
Robson Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	In Progress	Buildings	Initiation	Firesmart work completed. Heat pump work complete. Remaining scope to be undertaken in 2023.
Slocan Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	In Progress	Buildings	Initiation	Firesmart work completed. Hall addition is completed. Remaining scope to be undertaken in 2023.
Tarrys Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	In Progress	Buildings	Initiation	Firesmart work completed. Siding RFQ in progress. Heat pump installation RFQ in progress.
Winlaw Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	In Progress	Buildings	Initiation	Firesmart work completed. OH doors underway, spring 2023 installation.
Yahk Fire Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	10%	In Progress	Buildings	Initiation	Firesmart scope of work unlikely. Extra bay extension/expansion to be initiated in 2023.
Ymir Fire Hall / Community Hall Upgrades	Patrick Thrift	1-Nov-2022	25-Dec-23	5%	In Progress	Buildings	Initiation	Working on obtaining quotes for Firesmart work.
Creston Landfill Phase 1E Closure	AJ Evenson	1-May-2022	13-Oct-22	100%	Completed	Resource Recovery	Close Out	Completed in September 2022.

CAPITAL PROJECTS TO DECEMBER 31, 2022

ACTIVE PROJECTS BEING MANAGED: 39 (9 Completed YTD)				TOTAL BUDGET BEING MANAGED \$11,800,000				
Project Name	PM	Start Date	End Date	% Complete	Status	Project Type	Project Phase	Status – Next Steps
Utilities Crew	AJ Evenson	1-Jan-2023	28-Dec-23	0%	Not Started	Utilities	Initiation	Working to hire crew for 2023 construction season.

PROJECTS COMPLETED IN Q3 2022 REMOVED FROM QUARTERLY REPORT

Project/Initiative Name	Responsible Manager
Child Care Project - Partnership with Kootenay Family Place	Mgr. Castlegar Rec
Seniors Centre Air Handling Unit (AHU)	Mgr. Castlegar Rec
Spin Bike replacements for Fitness Centre - CDRD	Mgr. Castlegar Rec
Nelson Curling Club Operations Request	Mgr. Nelson Rec
Nelson Sports Collection Agreement: NDCC Arena	Mgr. Nelson Rec
Investigating New Service Model Nelson Salmo EFG Regional Parks Services	GM Community Services
RDCK Community Services - COVID Response / Post COVID Re-Opening	GM Community Services
Riondel Community Centre	GM Community Services
Recreation Commission #4 Review	GM Community Services
Ice Allocation Policy	GM Community Services
Grohman Creek Dock Service Feasibility Study	Mgr. Planning
Recreation Commission #6- Slocan Lake Bylaw Review	Mgr. Corporate Admin
Property Insurance Procurement	Mgr. Corporate Admin
Evaluate Area E Contribution Service to Fund Nelson Public Library	Mgr. Corporate Admin
Salmo and Area G Library Service Case Analysis	Mgr. Corporate Admin
RR Field Staff Scheduling App Assessment	Mgr. Resource Recovery
Town of Creston objection to Environmental Service Fee Distribution - ACK	GM Environmental Services

PROJECTS COMPLETED IN Q4 2022

Project/Initiative Name	Responsible Manager
Service Review - Nelson, Area F and Defined Area E Recreation	CAO
External Appointments Policy	Mgr. Corporate Admin
Develop Terms of Reference for Nelson and Area Recreation Commission	Mgr. Nelson Rec
NDCC Aquatic Centre Lighting Upgrade	Mgr. Nelson Rec
Creston Landfill Phase 1E closure works	Mgr. Resource Recovery
Phase 2 - Geothermal GIS Study	Mgr. Community Sustainability
Assess at home composting technology for electoral areas and municipalities not yet part of Phase 1 curbside program	Mgr. Resource Recovery
Woodland Water Well Replacement	Mgr. Utilities



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: West Creston Community Hall	Date of Application: 01/24/2023
Contact Name: Maura Schadeli	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: C <input type="checkbox"/> Municipality: Creston
Mailing Address: 2281 Corn Creek Rd Creston British Columbia Creston	Payment Type: <input checked="" type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 428-3555	Email: wchsecretary@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

Bursary for local for Post Secondary student.


Grant Application:

Total Grant Requested: \$ 1500.00	Which funding criterial objective does this project meet? <input type="checkbox"/> Social <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Cultural
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received: \$250.00 from West Creston Community Hall

Previous Discretionary Grants Received – Year and Amount: 2022 \$1500.00

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

 Signed at:
2023-01-24 13:59:19

Signature

Maura Schadeli

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,500.00
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: 2023 LVR Graduation Committee	Date of Application: 01/06/2023
Contact Name: Eden DuPont	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: E <input type="checkbox"/> Municipality: Nelson
Mailing Address: 4562 Highway 6 Winlaw BC V0G2J0	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 226-6964	Email: dupont.eden@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

We are hoping that Area E will again support this community event to help ensure that LVR 2023 graduation is successful, safe, and memorable. Graduation activities for the 2023 graduating class including photographs, cap and gown rentals, decorations, and dinner gala event.

Grant Application:

Total Grant Requested: \$ \$1000	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Cultural
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
Grocery Cards, Bottle drive, Finley's social, Silent Auction, Talent Show, Hanging Baskets - all unknown values at this time.

Grant Requests: RBC, NDCU, RDCK Area F, Lion's Club (\$1000 each)
Previous Discretionary Grants Received – Year and Amount: 2022 - \$1000 received

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

 Signed at: 2023-01-06 14:20:14 _____ Signature	Eden DuPont _____ Print Name
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Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,000.00
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Nelson and District Rod and Gun Club	Date of Application: 01/03/2023
Contact Name: Warren Russell	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: E <input type="checkbox"/> Municipality: Nelson
Mailing Address: 801 Railway Street Nelson BC V1L 1H6	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 551-7562	Email: warren@wsrussell.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

Our facility is used by many different groups/organizations throughout the year. There can be as many ten to two hundred people at any given time in our hall.
Our board of directors has agreed that we should purchase an AED unit to be installed in our hall. If a patron has a medical emergency, such as a cardiac issue. Time would of the essence. An AED on site could save a life.

Grant Application:

Total Grant Requested: \$2500.00	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Cultural
----------------------------------	---

Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
N/A

Previous Discretionary Grants Received – Year and Amount: None

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

vr_11 Signed at:
2023-01-03 19:09:42

Signature

Warren Russell

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 250.00
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Friends of Kootenay Lake Stewardship Society	Date of Application: 02/03/2023
Contact Name: Kayla Tillapaugh	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: F <input type="checkbox"/> Municipality: Nelson
Mailing Address: PO Box 681 Nelson British Columbia V1L 5R4	Payment Type: <input checked="" type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 777-2744	Email: manager@friendsofkootenaylake.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

FoKLSS' shoreline cleanups are community-powered initiatives that improve the ecosystem health and aesthetic of Kootenay Lake. From March-October, staff and volunteers will remove trash, foam, and other pollutants from shorelines all around Kootenay Lake. These cleanup events help mitigate negative health effects to wildlife, keep beaches safe for our community, and engage individuals in hands on stewardship work. Grant funds will support staff wages for planning and implementing cleanups, mileage to sites, and cleanup supplies including buckets, bags, gloves etc.

Grant Application:

Total Grant Requested: \$ 927.94	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Cultural
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
Unsmoke Canada: \$4,636.72

Nelson District Credit Union: \$695.96
Previous Discretionary Grants Received – Year and Amount: 2022: \$1,000 podcast, \$1,500 watershed monitoring 2020/21: \$1,000...

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

Signed at:
2023-02-03 16:22:01

Signature

Kayla Tillapaugh

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 927.94
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Friends of Kootenay Lake Stewardship Society	Date of Application: 01/20/2023
Contact Name: Kayla Tillapaugh	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: F <input type="checkbox"/> Municipality:
Mailing Address: PO Box 681 Nelson British Columbia V1L 5R4	Payment Type: <input checked="" type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 777-2744	Email: manager@friendsofkootenaylake.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

The Annual Kootenay Lake Summit connects hundreds of people from numerous communities to learn about and discuss the stewardship of Kootenay Lake. The spring 2023 Summit will feature 3-4 speakers on the topic of land use. This will be the first in-person Summit since 2019, giving lake users the chance to reconnect with others and engage in discussion. The Summit will inspire, educate, and motivate individuals to protect Kootenay Lake. Funds will support staff wages for planning and implementing the event, venue rental, honorariums for guest speakers, advertisements, and event supplies.

Grant Application:

Total Grant Requested: \$1,500	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Cultural
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
Columbia Basin Trust: \$1,500

Previous Discretionary Grants Received – Year and Amount: 2022: \$1,000 podcast, \$1,500 watershed monitoring 2020/21: \$1,000...

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

 Signed at: 2023-01-20 17:17:42 _____ Signature	Kayla Tillapaugh _____ Print Name
---	---

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,500.00
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Okanagan Nation Alliance	Date of Application: 01/31/2023
Contact Name: Carson Kettlewell	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: F <input type="checkbox"/> Municipality:
Mailing Address: 101 - 3535 Old Okanagan Hwy Westbank BC V4T3J6	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 687-4687	Email: ckettlewell@syilx.org

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

Fish in Schools (FinS) has been operated by the ONA in the Columbia region since 2017 and provides an opportunity for students to gain knowledge about salmon biology and life cycle, Indigenous culture, human impacts to fish habitat from dams, and salmon reintroduction. Participant schools raise sockeye salmon from eggs in tanks provided by ONA. In the spring, participants bring their juvenile fish (fry) to a community event where members of the Syilx Nation hold a salmon ceremony and the fish are released into the Columbia River. Funds will go towards hatchery activities and support; in-person tech support; outreach; program coordination; ceremony and fry release planning and implementation. We currently support participants from school districts 8, 10, 20, 51, and 93.

Grant Application:

Total Grant Requested: \$ 1250	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Cultural
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
FortisBC - \$10,000, Teck - \$9,000, SD20 - \$7,000, SD51 - \$5,000, SD8 \$5,000, CBT - \$4,000, CPC - \$4,000

Previous Discretionary Grants Received – Year and Amount:

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-31 10:32:47

Signature

Carson Kettlewell

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,250.00
Board Approved Date:	Resolution #



**Discretionary Fund Grant Program
Application Form**
REGIONAL DISTRICT OF CENTRAL KOOTENAY
 202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
 Phone 250-352-6665 Fax 250-352-9300
 Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-_____

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Okanagan Nation Alliance	Date of Application: 01/30/2023
Contact Name: Carson Kettlewell	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: H <input type="checkbox"/> Municipality:
Mailing Address: 101 - 3535 Old Okanagan Hwy Westbank BC V4T3J6	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 687-4687	Email: ckettlewell@sylix.org

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

Fish In Schools (FIS) has been operated by the ONA in the Columbia region since 2017 and provides an opportunity for students to gain knowledge about salmon biology and life cycle, Indigenous culture, human impacts to fish habitat from dams, and salmon reintroduction. Participant schools raise sockeye salmon from eggs in tanks provided by ONA. In the spring, participants bring their juvenile fish (fry) to a community event where members of the Sylix Nation hold a salmon ceremony and the fish are released into the Columbia River. Funds will go towards hatchery activities and support; in-person tech support; outreach; program coordination; ceremony and fry release planning and implementation. We currently support participants from school districts 8, 10, 20, 51, and 93.

Grant Application:

Total Grant Requested: \$ 1,250

Which funding criteria objective does this project meet?
 Social Economic Cultural

Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
 Fortis BC: \$10,000
 Tech Trail Operations: \$8,000

Previous Discretionary Grants Received - Year and Amount:

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

Signed at: 2023-01-30 11:11 AM
 Signature: _____ Print Name: Carson Kettlewell

Authorization

Signature of Area Director: Walter Popoff	<small>Digitally signed by Walter Popoff DN: cn=Walter Popoff, o=RDCK, ou=Westbank, email=popoff@rdck.ca, c=CA</small>	Total Grant Approved \$ 1,250
Board Approved Date:		Resolution #



**Discretionary Fund Grant Program
Application Form**
REGIONAL DISTRICT OF CENTRAL KOOTENAY
202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-_____

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: West Kootenay Educational Resource Society	Date of Application: 02/01/2023
Contact Name: Lilah Precious	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: H <input type="checkbox"/> Municipality:
Mailing Address: 5614 Hwy 6 PO Box 240 Winlaw BC V0G 2J0	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 226-7737	Email: lilahkelly@hotmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

Serving the community for 50 years, the Whole School is looking to widely promote our progressive school programming and the opportunities we provide for families. We serve families with unique needs, offering a program to fit each child's individual learning needs and abilities. Our school is centered around attachment theory, threading this model throughout the entire curriculum. We offer full parent involvement by using a parent classroom support daily, small class sizes, multi age classroom learning and follow the circle of courage Indigenous model. We also offer our Outdoor Leadership Program which immerses students in outdoor education and nature studies each Friday for 4 hours. This program is completely unique for elementary aged children in our area. All of this is done as well as following BC curriculum with BC certified teachers.

This promotion has become essential for the school's survival after the affects of the pandemic. We saw the school lose half of the student

Grant Application:

Total Grant Requested: \$ 800

Which funding criteria objective does this project meet?
 Social Economic Cultural

Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
 Volunteer time will be put in by parents, students, and board members to accomplish this initiative.

Previous Discretionary Grants Received - Year and Amount: 0

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

Signed at: 2023-02-01 15:45:52
 Signature _____ Lilah Precious
 Print Name

Authorization	
Signature of Area Director: Walter Popoff	Total Grant Approved \$ 800
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Winlaw School Parent Advisory Council	Date of Application: 01/10/2023
Contact Name: Marya Folinsbee	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: H <input type="checkbox"/> Municipality: n/a
Mailing Address: 5604 Winlaw Bridge Road Winlaw BC V0G 2J0	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 226-7311	Email: winlawschoolpac@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

The Winlaw School PAC, in collaboration with the Columbia Basin Alliance for Literacy, is bringing Candace Roberts, a children's entertainer and theatre artist, to Winlaw School on February 2nd. She will be presenting her original solo show "Oopsie", a 45-minute long physical theatre comedy show to Winlaw students. The show is about "growth mindset" - how mistakes, risks, and creative thinking help us grow and learn, and is meant to inspire conversations about creative learning and personal development. After the performance there is a Q & A discussion with the artist about the show and the themes it explores. This show will be a part of Family Literacy Week events, as a way of bringing thoughtful arts, culture and community to rural children and families.

Grant Application:

Total Grant Requested: \$ 200	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Cultural
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
The total cost of the performance is \$945.00

which will be covered in by the PAC, CBAL, possible contribution from the SV Community Arts Council, and, if accepted, the RDCK.
Previous Discretionary Grants Received - Year and Amount: possible contribution in 2020 to our Playground revitalization?

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-10 13:47:10

Marya Folinsbee

Signature

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 200.00
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Okanagan Nation Alliance	Date of Application: 01/31/2023
Contact Name: Carson Kettlewell	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: I <input type="checkbox"/> Municipality:
Mailing Address: 101 - 3535 Old Okanagan Hwy Westbank BC V4T3J6	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 687-4687	Email: ckettlewell@syilx.org

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

Fish in Schools (FinS) has been operated by the ONA in the Columbia region since 2017 and provides an opportunity for students to gain knowledge about salmon biology and life cycle, Indigenous culture, human impacts to fish habitat from dams, and salmon reintroduction. Participant schools raise sockeye salmon from eggs in tanks provided by ONA. In the spring, participants bring their juvenile fish (fry) to a community event where members of the Syilx Nation hold a salmon ceremony and the fish are released into the Columbia River. Funds will go towards hatchery activities and support; in-person tech support; outreach; program coordination; ceremony and fry release planning and implementation. We currently support participants from school districts 8, 10, 20, 51, and 93. Our participant total for 2022-23 is 27 (14 within the RDCK) including Robson Community School, Twin Rivers, and Kinnaird.

Grant Application:

Total Grant Requested: \$ 1250	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Cultural
--------------------------------	--

Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
FortisBC - \$10,000, Teck - \$9,000, SD20 - \$7,000, SD51 - \$5,000, SD8 - \$4,000, CBT - \$5,000, CPC - \$5,000

Previous Discretionary Grants Received – Year and Amount:

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-31 10:41:16

Signature

Carson Kettlewell

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,250.00
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: RDCK Service 222- Castlegar Recreation for Castlegar and District Community Complex	Date of Application: 01/20/2023
Contact Name: Jim Crockett	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: Area I <input type="checkbox"/> Municipality: City of Castlegar
Mailing Address: 2101 - 6th Avenue Castlegar BC V1N3B2	Payment Type: <input checked="" type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (778) 460-5229	Email: jcrockett@rdck.bc.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

There will be a fundraising event and two hockey games in support of the two families experiencing tragic incidents in the Community. This grant will offset the cost for the Banquet Hall in the Complex as well as the ice costs for the two Rebel Games being used to fundraise for the families. Please do a Journal Entry transfer of funds to S222. Account 45500. Work orders OPR545-101 - \$542.51 and OPR 545-105 - \$248.40
Thanks. Please call if you have further questions or other information is required.

Grant Application:

Total Grant Requested: \$ 790.91	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Cultural
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received: None	
Previous Discretionary Grants Received – Year and Amount: None	
By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.	
 Signed at: 2023-01-20 13:33:25 _____ Signature	Jim Crockett _____ Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 790.91
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Shoreacres Community Hall	Date of Application: 01/24/1023
Contact Name: Lovette Nichvolodoff	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: Area I <input type="checkbox"/> Municipality: Shoreacres B.C.
Mailing Address: 2697 Shoreacres Road castlegar B.C. Castlegar V1N 4R1250	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 359-7536	Email: wilove@telus.net

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

All money received will be applied to cost of operating the facility, and upgrades.

Grant Application:

Total Grant Requested: \$ 3000.00	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Cultural
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received: membership annual fees. and rentals	
Previous Discretionary Grants Received – Year and Amount: 2021 \$2000.00	

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-24 20:30:23

Signature

Lovette Nichvolodoff

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 3,000.00
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: RDCK Service 222- Castlegar Recreation for Castlegar and District Community Complex	Date of Application: 01/20/2023
Contact Name: Jim Crockett	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: Area J <input type="checkbox"/> Municipality: City of Castlegar
Mailing Address: 2101 - 6th Avenue Castlegar BC V1N3B2	Payment Type: <input checked="" type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (778) 460-5229	Email: jcrockett@rdck.bc.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

There will be a fundraising event and two hockey games in support of the two families experiencing tragic incidents in the Community. This grant will offset the cost for the Banquet Hall in the Complex as well as the ice costs for the two Rebel Games being used to fundraise for the families.

Please do a Journal Entry transfer of funds to S222. Account 45500.

Work orders OPR545-101 - \$542.51 and OPR 545-105 - \$248.40

Thanks. Please call if you have further questions or other information is required.

Grant Application:

Total Grant Requested: \$ 790.91	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Cultural
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received: None	
Previous Discretionary Grants Received – Year and Amount: None	
By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.	
Signed at: 2023-01-20 13:38:28 _____ Signature	Jim Crockett _____ Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 790.91
Board Approved Date:	Resolution #



Discretionary Fund Grant Program Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
Phone 250-352-6665 Fax 250-352-9300
Toll Free in B.C. 1-800-268-7325

FILE NO. 1860-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: The Fauq Singers	Date of Application: 01/11/2023
Contact Name: Sheila McGinnis	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: K <input type="checkbox"/> Municipality: Fauquier
Mailing Address: 7826 Starlite Rd. PO Box 118 Fauquier BC V0G 1K02590	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 269-7229	Email: sheilaret68@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) *Attach supporting project documentation, organization's list of directors and their respective executive position, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by the organization's most recently approved financial statements.*

The Fauq Singers are putting on a 30th year presentation for the community of Fauquier in March. We need funds for extra rehearsal time, hall rental and workshop with Kelly Coubrough.

Grant Application:

Total Grant Requested: \$ 1000.00	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Cultural
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received: nil	
Previous Discretionary Grants Received – Year and Amount: 2019 -\$1000.	

By submitting this application for the Discretionary Fund Grant Program, I confirm I am an authorized signatory of the recipient organization and I agree to the Discretionary Fund Grant Program Recipient Obligations detailed on page two of this application.

Sheila McGinnis
Signed at:
2023-01-11 08:30:08

Sheila McGinnis

Signature

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,000.00
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4

Phone 250-352-6665 Fax 250-352-9300

Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Creston Valley Food Action Coalition	Date of Application: 02/07/2023
Contact Name: Tanya Wall	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: A <input type="checkbox"/> Municipality:
Mailing Address: Box 1002 Creston BC V0B1G0	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 428-1993	Email: farmfreshplated@gmail.com
Project/Service Description	
<p>Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.) <i>Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)</i></p> <p>The CVFAC is working with members of the community to develop a Creston Valley Cookbook featuring our local farmers, producers, vendors, restaurants and other businesses that are involved in supporting agriculture production, use of products grown or sale of such products. The proceeds from the sale of the cookbook will go towards supporting the CVFAC's coupon program helping families with limited incomes to have access to locally sourced products from the farmer's market.</p> <p>This request is to cover the cost of the photographer hired to complete the photoshoots of the participants mentioned above and to create a website catalogue of photos for the producers to access for their own marketing needs.</p>	
Grant Application:	
Total Grant Requested: \$ 1817.50	Which funding criteria objective does this project meet? <input checked="" type="checkbox"/> Social <input checked="" type="checkbox"/> Economic <input checked="" type="checkbox"/> Environmental
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:	
Previous Community Development Grants Received – Year and Amount:	
By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.	
Signed at: 2023-02-07 14:33:32	Tanya Wall
Signature	Print Name
Authorization	
Signature of Area Director Signed by director	Total Grant Approved \$ 1,817.50
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4

Phone 250-352-6665 Fax 250-352-9300

Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Kaslo Senior Citizens Association - Branch #81	Date of Application: 01/12/2023
Contact Name: Louise De Pape	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: D <input type="checkbox"/> Municipality: Village of Kaslo
Mailing Address: 556 Larch Drive Box 1299 Kaslo BC V0G 1M0	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 353-7553	Email: Lmdepape@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

This project will provide funding for essential budget items for Kaslo Senior Citizens' Association, such as insurance, monthly Fortis bills, water, KIN internet, and cleaning supplies, which we require now that we are open to our membership. We have acquired new members this year due to our offering of iPad and laptop classes, bingo, Friday morning coffee get-togethers, 1st Tuesday of the month lunch and meeting, and carpet bowling at the Legion. Our members have told us they are interested in Thai Chi (both chair and regular format) and we are now looking into that as well. We will be celebrating our 50th anniversary this year, which had to be postponed last year due to construction on both the interior and exterior of our building. We hope that 2023 will be a year of good health, friendship and fun for our members. In addition to Kaslo members, we have more and more members from Area D joining us and it seems that the variety of activities we offer has a ...

Grant Application:

Total Grant Requested: \$ 4,500.00	Which funding critical objective does this project meet? <input checked="" type="checkbox"/> Social <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
 At this time, we have not requested any other funding for 2023. We do have designated funds in our bank account, which are earmarked for the completion of the exterior and interior renovations (painting, chalking, window coverings) that had to be postponed until the weather improves this spring. Our only fundraising was from hand-painted wooden Christmas ornaments, which our members
Previous Community Development Grants Received – Year and Amount:

12/9/2021 File # 1865 \$4,500.00

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-12 11:18:19

Louise De Pape

Signature

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 4,500.00
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Board Approved Date:	Resolution #
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**Community Development Grant
Application Form**
REGIONAL DISTRICT OF CENTRAL KOOTENAY
 202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
 Phone 250-352-6665 Fax 250-352-9300
 Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Organization/Society Name: Kootenay Lake Historical Society	Date of Application: 06/02/2023
Contact Name: Elizabeth Scarlett	RDCK Electoral Area/Member Municipality: RDCK Electoral Area: D Municipality: Kaslo
Mailing Address: PO Box 537 324 Front Street Kaslo BC V0G 1M0	Payment Type: <input checked="" type="checkbox"/> Electronic Fund Transfer <input type="checkbox"/> Mailed cheque
Phone #: (250) 353-2525	Email: secretary@klhs.bc.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
 Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements.

This project focuses on Safety Upgrades; the concerns became apparent during the recent Phase II Weather Envelope Rehabilitation and Infrastructure work to maintain the integrity of the SS Moyie sternwheeler in Kaslo in 2021 and 2022. Please see the attached information for details.

Grant Application:

Total Grant Requested: \$ 6,500 of \$260,000 Which funding criteria objective does this project meet?
 Social Economic Environmental

Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
 We have requested: \$130,000 from Parks Canada - National Cost Sharing Program for Heritage Places \$100,000 Columbia River Trust - P.A.H. \$30,000 Heritage BC - P.A.H.

Previous Community Development Grants Received - Year and Amount:
 2021 \$10,000 Village of Kaslo Community Development Funds

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

Signed at: _____ Elizabeth Scarlett, Secretary, KLHS
 Signature: _____ Print Name: _____

Signature of Area Director Signed by director	Total Grant Approved \$ 6,500.00
Board Approved Date: _____	Resolution # _____



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4

Phone 250-352-6665 Fax 250-352-9300

Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Blewett Conservation Society	Date of Application: 01/26/2023
Contact Name: Laura Gollinger	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: E <input type="checkbox"/> Municipality: Blewett
Mailing Address: 1808 granite road Nelson BC V1L 6T8	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (403) 795-5773	Email: blewettsociety@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

The Morning Mountain Skating facility has been successful the last few years and is an asset to our community to promote outdoor fitness during the winter. Our volunteers have worked hard to keep the ice in best condition it can be so everyone can use it. We appreciate the ongoing funding to allow us to hire coordinators/ operate, purchase supplies and tools. And also to support our many dedicated volunteers.

Grant Application:

Total Grant Requested: \$ 2000	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Environmental
--------------------------------	--

Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:

Previous Community Development Grants Received – Year and Amount:

2020- \$3000 Area E, \$2000 Area F

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-26 14:22:05

Signature

Laura Gollinger

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 2,000.00
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4

Phone 250-352-6665 Fax 250-352-9300

Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Blewett Conservation Society	Date of Application: 01/26/2023
Contact Name: Laura Gollinger	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: F <input type="checkbox"/> Municipality: Blewett
Mailing Address: 1808 granite road Nelson BC V1L6T8	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (403) 795-5773	Email: blewettsociety@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
 Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

The Morning Mountain Skating Facility has now operate successfully for several years. It is a great asset to the community in Blewett and for Nelson residents to recreate in the winter. We appreciate the funding to allow us to hire a coordinator/operator, purchase tools and supplies, and to support our many dedicated volunteers.

Grant Application:

Total Grant Requested: \$ 1000	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Environmental
--------------------------------	--

Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:

Previous Community Development Grants Received – Year and Amount:

2020- \$3000 Area E, \$2000 Area F

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-26 14:52:21

Laura Gollinger

Signature

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,000.00
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Board Approved Date:

Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4

Phone 250-352-6665 Fax 250-352-9300

Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Salmo Chamber of Commerce	Date of Application: 01/16/2023
Contact Name: Brian Cusack	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: G <input type="checkbox"/> Municipality:
Mailing Address: 220 Bethel Rd Nelson BC V1L 6N2	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 354-4629	Email: brianCUSACK7@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)

Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

For the previous 3 summers the residents of Hall Siding have installed MCH25 bubbles on their Douglas Fir trees to prevent the infestation of Douglas Fir beetles. The residents had been warned about surrounding infestations in local forests by Dean Christianson of BC Forest Health in Castlegar and Marnie Duthie Holt, a regional entomologist, as well as Adam Rogers of Atco Wood Products. Some areas have experienced a 100% die back as a result of infestation, producing a major forest fire threat and loss of wildlife habitat. Infestation mapping shows a significant increase of infestation around Salmo as well as multiple polygons in the Salmo Watershed extending into the Salmo river headwaters at Clearwater and Apex creeks. Hall Siding sits central to the beetle infestation in the valley. In the summer of 2020 residents financed a trial application of MCH25 where the bubbles were installed on 400 Douglas Fir trees in the area. ...

Grant Application:

Total Grant Requested: \$ 4122.00	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Environmental
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:	

Previous Community Development Grants Received – Year and Amount:

2021 - \$1768.89. 2022 - \$2691.68

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

[Signature] Signed at:
2023-01-16 13:36:27

Brian Cusack

Signature

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 4,122.00
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
 Phone 250-352-6665 Fax 250-352-9300
 Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Kootenay Gallery of Art, Science & History	Date of Application: 02/04/2023
Contact Name: Jolee n Kinakin	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: RDCK Area I <input type="checkbox"/> Municipality:
Mailing Address: 120 Heritage Way Castlegar BC V1N 4M5	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 365-3337	Email: kootenaygallery@telus.net

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
 Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements.)

The Kootenay Gallery is organizing a fundraiser, Soup for the Cultured Soul, to be held on March 25, 2023. This event is held in support of our Gallery Relocation Project and is an exciting collaboration between the Gallery, local restaurants, businesses and regional artists. We have 6 local chefs who will be supporting us with their gourmet soups, 15 - 20 local potters crafting soup bowls, and we are expecting 225 participants at our event.

Similar to last year, we will be offering this event through an in-home delivery format. Participants will receive a selection of soups to taste, bread, wine, chocolates, recipe booklet, tea towel, and a hand-crafted pottery bowl in a wooden crate. Each crate will be personally delivered on March 25th to the host home for their enjoyment. All funds raised will be in support of our Gallery Relocation Project.

Grant Application:

Total Grant Requested: \$ 1500.00	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Environmental
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
 RDCK J - \$2000 - \$2250 - 50% of the potter bowls (confirmed verbally)
 RDCK I - \$1500 - (confirmed verbally)

Previous Community Development Grants Received – Year and Amount:
 2022 - \$1000 (area I) & \$2000 (area J) for this event

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

Jolee n Kinakin Signed at:
 2023-02-04 15:55:00

Joleen Kinakin

Signature

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,500.00
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4

Phone 250-352-6665 Fax 250-352-9300

Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Okanagan Nation Alliance	Date of Application: 01/30/2023
Contact Name: Carson Kettlewell	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: J <input type="checkbox"/> Municipality:
Mailing Address: 101 - 3535 Old Okanagan Hwy Westbank BC V4T 3L7	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 687-4687	Email: ckettlewell@syilx.org

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

Fish in Schools (FinS) has been operated by the ONA in the Columbia region since 2017 and provides an opportunity for students to gain knowledge about salmon biology and life cycle, Indigenous culture, human impacts to fish habitat from dams, and salmon reintroduction. Participant schools raise sockeye salmon from eggs in tanks provided by ONA. In the spring, participants bring their juvenile fish (fry) to a community event where members of the Syilx Nation hold a salmon ceremony and the fish are released into the Columbia River. Funds will go towards hatchery activities and support; in-person tech support; outreach; program coordination; ceremony and fry release planning and implementation. We currently support participants from school districts 8, 10, 20, 51, and 93.

Grant Application:

Total Grant Requested: \$ 1250	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Environmental
--------------------------------	---

Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
 Fortis BC - \$10,000, Teck - \$9,000, SD20 - \$7,000, SD51 - \$5,000, SD8 - \$4,000, CBT - \$5,000, CPC - \$5,000

Previous Community Development Grants Received – Year and Amount:

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-30 11:22:50

Signature

Carson Kettlewell

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 1,250.00
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
 Phone 250-352-6665 Fax 250-352-9300
 Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Edgewood Community Club Society	Date of Application: 01/15/2023
Contact Name: Alice McKee	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: K <input type="checkbox"/> Municipality: Edgewood
Mailing Address: 449 Robinson Road Edgewood BC V0G1J0	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 269-7192	Email: edgewoodcommunityclubsociety@gmail.com

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
 Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

Seniors affordable housing project has been in discussion with City Spaces with regard to this project and the next step is to have architectural drawings done up to be able to move forward to the next phase. Additional proposal development costs to cover the costs of architectural drawings (approx. \$15,000 + GST) and a Class D cost estimate (approx. \$2,500 + GST). The total rounded to \$20,000.

Grant Application:

Total Grant Requested: \$ 10,000.00	Which funding critical objective does this project meet? <input type="checkbox"/> Social <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received: Columbia Basin Trust has committed \$10,000.00 to the projected cost of \$20,000.00	
Previous Community Development Grants Received – Year and Amount: 2022 Generator upgrade for Edgewood cell tower (2022-08-04 COS to Solar Panels for Balance of Funding) \$6,500.00 2022 Edgewood ...	

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-15 18:16:55

Signature

Alice McKee

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 10,000.00
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
 Phone 250-352-6665 Fax 250-352-9300
 Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Town of Creston	Date of Application: 01/23/2023
Contact Name: Steffan Klassen	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: <input type="checkbox"/> Municipality: Creston
Mailing Address: PO Box 1339 238-10th Avenue North Creston BC V0B 1G0	Payment Type: <input checked="" type="checkbox"/> Electronic Fund Transfer <input type="checkbox"/> Mailed cheque
Phone #: (250) 428-8650	Email: steffan.klassen@creston.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
 Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

The delapidated murals in the Town of Creston's Spirit Square are being replaced with new murals, the stucco base was done in 2022 with the artwork being completed in the spring/summer of 2023.

Grant Application:

Total Grant Requested: \$ 30000	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Environmental
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received: None	
Previous Community Development Grants Received – Year and Amount:	

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

Signed at:
2023-01-23 10:57:07

Signature

Steffan Klassen

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 30,000.00
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4
 Phone 250-352-6665 Fax 250-352-9300
 Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Village of Slokan SV Youth Choir	Date of Application: Dec. 15, 2022
Contact Name: Michelle Gordon, CAO	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: <input checked="" type="checkbox"/> Municipality: SLOCAN
Mailing Address: Village of Slokan PO Box 50 503 Slokan Street Slokan, BC V0G 2C0	Payment Type: (To the Village <input type="checkbox"/> Electronic Fund Transfer of Slokan, Box <input checked="" type="checkbox"/> Mailed cheque 50)
Phone #: 250-355-2277	Email: cao@villageofslocan.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
 Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

Choir programming for youth in the Slokan Valley - The program will provide an outlet for youth to explore music and singing, foster confidence, and develop musical skills.

Grant Application:

Total Grant Requested: \$ 600	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Environmental
Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:	

Previous Community Development Grants Received – Year and Amount:

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

	Michelle Gordon, CAO
Signature	Print Name

Authorization Jessica Lunn, MAYOR

Signature of Area Director	Total Grant Approved \$ 600.00
Board Approved Date:	Resolution #



Community Development Grant Application Form

REGIONAL DISTRICT OF CENTRAL KOOTENAY

202 Lakeside Drive, Box 590, Nelson, B.C. V1L 5R4

Phone 250-352-6665 Fax 250-352-9300

Toll Free in B.C. 1-800-268-7325

FILE NO. 1865-20-___

Contact Information:

Note: Applicants are encouraged to discuss their project with the applicable RDCK elected official prior to submitting their grant application.

Organization/Society Name: Nelson & District Rod & Gun Club	Date of Application: 01/05/2023
Contact Name: Warren Russell	RDCK Electoral Area/Member Municipality: <input type="checkbox"/> RDCK Electoral Area: E <input type="checkbox"/> Municipality: Nelson
Mailing Address: 801 Railway Street Nelson BC V1L 1H6	Payment Type: <input type="checkbox"/> Electronic Fund Transfer <input checked="" type="checkbox"/> Mailed cheque
Phone #: (250) 551-7562	Email: warren@wsrussell.ca

Project/Service Description

Please provide an overview of the project and/or service and how the funds will be used. (600 characters max.)
Attach any supporting documentation such as engineering reports, feasibility studies, and budget documents. All applicants must submit their organization's list of directors showing their respective executive positions, plus overall number of members. Grant requests exceeding \$5,000 must be accompanied by your organization's most recently approved financial statements..)

Our hall located at 801 Railway Street in Nelson, is used by a wide range of user groups. Not only from Nelson, but many areas outside of the city limits. There can be up to two hundred people in the hall at one time. The board of directors have decided it would be in the publics best interest if we purchased and installed an AED unit in our hall. When there is a medical emergency such as a cardiac issue, minutes count. An AED unit could save a life.

Grant Application:

Total Grant Requested: \$ 2500.00	Which funding criterial objective does this project meet? <input checked="" type="checkbox"/> Social <input type="checkbox"/> Economic <input type="checkbox"/> Environmental
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Other Funding Sources - Identify all sources of project funding and amounts. Both funds requested and received:
 We have applied for a Discretionary Grant. However I have since learned that the funds in this program our limited, and would not cover the cost of an AED unit. We may qualify for a small amount, possibly \$500.00

Previous Community Development Grants Received – Year and Amount:

None

By submitting this application for the Community Development Grant, I confirm I am an authorized signatory of the recipient organization and I agree to the Community Development Grant Recipient Obligations detailed on page two of this application.

WR Signed at:
2023-01-05 17:11:12

Signature

Warren Russell

Print Name

Authorization

Signature of Area Director Signed by director	Total Grant Approved \$ 750.00
Board Approved Date:	Resolution #